



Chemicals Catalog

Discover What's Possible





Your Preferred Chemicals Partner: The best products from one source

Fisher Scientific has been providing choice and convenience in the laboratory market for more than 100 years. We have the selection of grades you need, from American Chemical Society (ACS) to the highest purity, in all the popular package sizes.

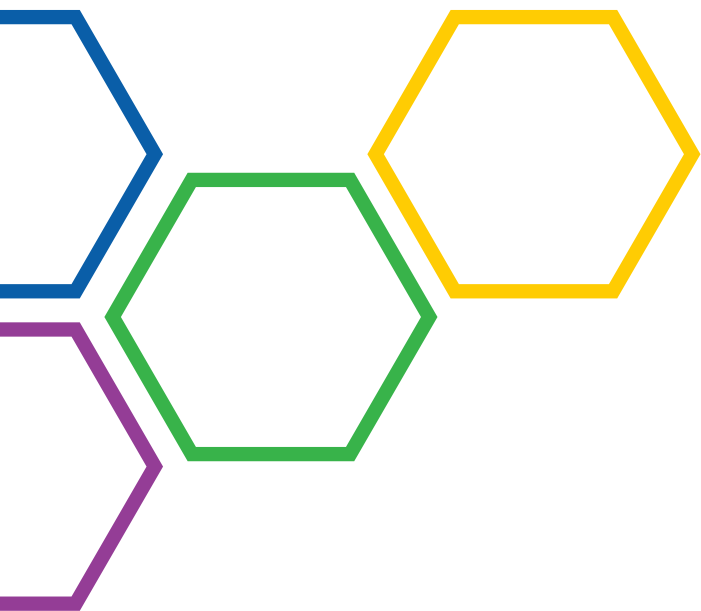
And if our standard offerings don't fit your needs, our custom services allow us to tailor a solution to your exact specifications.



Discover What's Possible

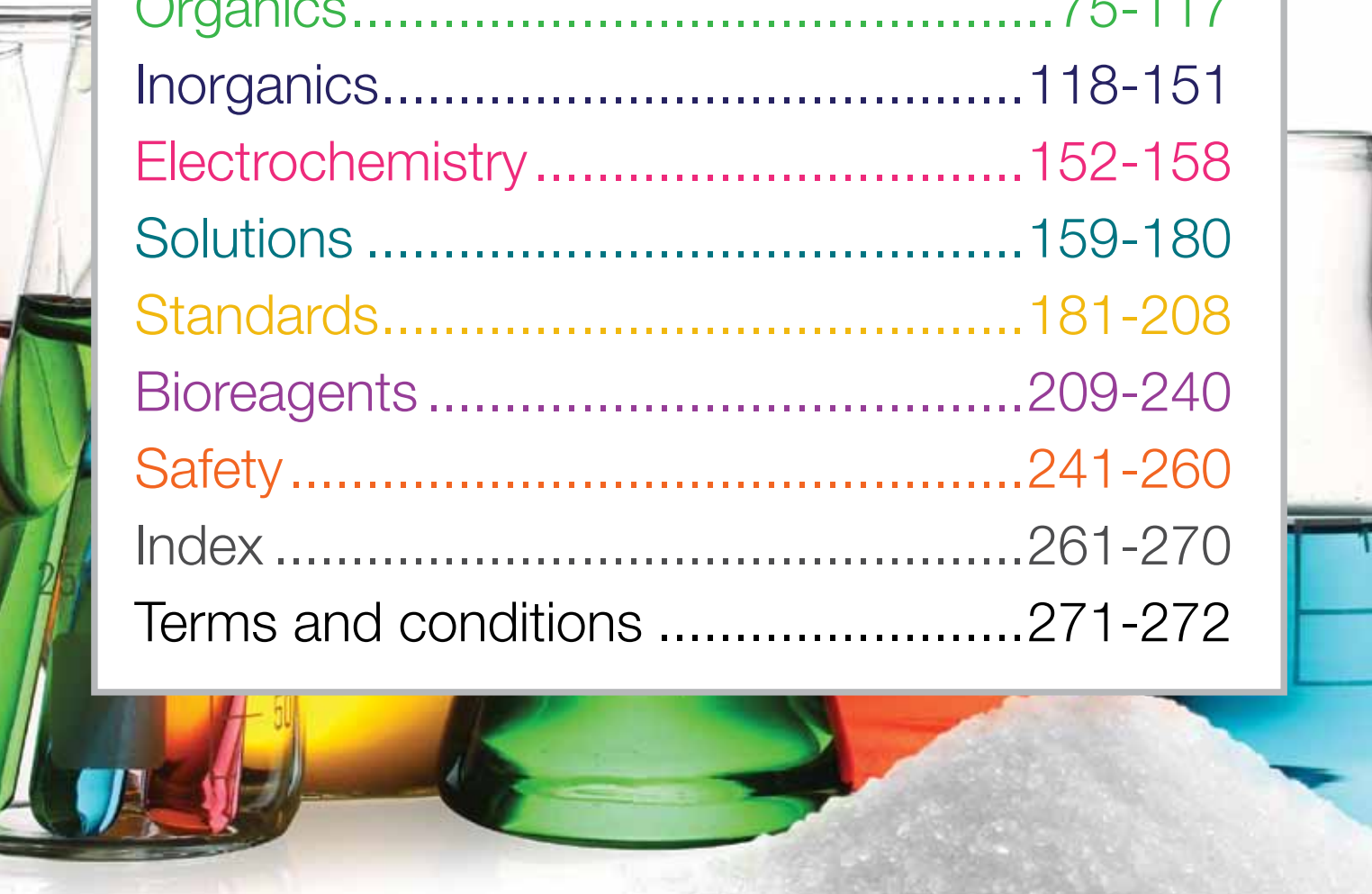
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Not All Solvents are Created Equal

Fisher Chemical high-purity solvents come in a variety of innovative packages that offer you reliability, purity and convenience. Our focus is on preserving the integrity of the product while being conscious of the environmental impact of our packaging.

Our solvents are designed with researchers in mind. Choose Fisher Chemical for your analysis.

Ultra-Trace Analysis



QR Codes Retrieve SDS and CofA

Safety is at your fingertips with Fisher Chemical and Fisher BioReagents labels. Scan the QR codes on select labels with your smartphone or tablet to quickly access the Safety Data Sheet (SDS) and lot-specific Certificate of Analysis (CofA) for that product. It's the fast way to respond to safety issues.

Visit fishersci.com/QR to see what products have this feature.



Safe-Cote™ Solvents — Safely Serving Science

If a bottle coated in Safe-Cote breaks, glass fragments and liquids are more likely to remain trapped, preserving the product, protecting the researcher, and avoiding a large clean up.

Visit fishersci.com/safecote

Lock in Safety and Quality with Fisher Chemical FisherLOCK™

Secure, tamper-evident FisherLOCK caps hold the lips of our amber glass bottles and preserve the integrity of your chemicals. The color-coded bands at the bottom of the cap are based on industry-standard color coding for proper storage and handling, so you can easily identify hazards.



Next-Generation Reagents

As instrumentation evolves, new lines of solvents are being developed so researchers can amplify productivity with improved detection of impurities and interference-free baselines.



EcoSafPak™ Styrofoam-FREE Eco-Friendly Sturdy Shipping Containers

EcoSafPak packaging passes the most demanding ISTA (International Safe Transport Association) 3A tests, which consist of 17 drops that simulate real-world shipping along with vibration and stability testing to ensure the frame keeps the product protected. The packaging is manufactured by SFI (Sustainable Forest Initiative)-certified manufacturers according to principles, objectives and performance measures developed by professional foresters, conservationists and scientists to promote the perpetual growth and harvest of trees with the long-term protection of wildlife, plants, soil, and water.

Visit fishersci.com/ecosafpak to learn more.

ChemAlert™

Safe Storage and Handling Codes

Lock in Safety and Quality with Fisher Chemical FisherLOCK™

Secure, tamper-evident FisherLOCK caps hold the lips of our amber glass bottles and preserve the integrity of your chemicals. The color-coded bands at the bottom of the cap are based on industry-standard color coding for proper storage and handling, so you can easily identify hazards.

-  **Red — Flammable**
Store in area segregated for flammable reagents.
-  **Blue — Health Hazard**
Toxic if inhaled, ingested or absorbed through skin; store in secure area.
-  **Yellow — Reactive and Oxidizing**
May react violently with air, water or other substances; store away from flammable and combustible materials.
-  **White — Corrosive**
May harm skin, eyes and mucous membranes; store away from red-, yellow- and blue-coded reagents. Store acids and bases separately.
-  **Gray — Moderate Hazard**
Presents no more than moderate hazard in any of the hazards previously listed.







Dot Classifications

The U.S. Department of Transportation (DOT) publishes transportation regulations covering shipments of materials classified as hazardous within the continental United States and its territories. These regulations, covering packaging, marking, labeling and shipping paper descriptions, are published in 49 CFR Parts 100-185. Materials are classified according to the system listed right.

Spill Cleanup Kit Symbols

To simplify ordering the appropriate kit, the following symbols are used to identify chemicals that require special cleanup materials and the type of cleanup kit required. These are one-time-use kits containing everything necessary for spill cleanup.

-  **Mercury Warning;** this product contains Mercury.
-  **Acid Spills Emergency Cleanup Kit** for neutralizing and absorbing up to 1L of acid. (Cat. No. 18-061A)
-  **Caustic Spill Emergency Cleanup Kit** for neutralizing and absorbing up to 1L of caustic material. (Cat. No. 18-061C)
-  **Solvent Spill Emergency Cleanup Kit** for neutralizing and absorbing up to 1L of solvent. (Cat. No. 18-061B)

DOT Hazard Class/Division	DOT Hazard Description
1	Explosives
2.1	Flammable Gas
2.2	Non-Flammable Gas
2.3	Poison Gas
3	Flammable Liquid
4.1	Flammable Solid
4.2	Spontaneously Combustible
4.3	Dangerous When Wet
5.1	Oxidizer
5.2	Organic Peroxide
6.1	Poison
6.2	Infectious Substance
7	Radioactive
8	Corrosive
9	Miscellaneous

Connected chromatography

Realize one resource that provides a portfolio of products delivering connected chromatography solutions across key market workflows. A comprehensive catalog of chromatography columns and consumables showcasing some of our new product innovations including Thermo Scientific™ SMART Digest™ kits, Thermo Scientific™ Virtuoso™ Vial Identification System, Bio LC Columns, Thermo Scientific™ Accucore™ Vanquish™ Columns, Thermo Scientific™ GC Septa and the Thermo Scientific™ LinerGOLD™ Range. These products meet the world's changing requirements and enable our customers to make the world healthier, cleaner and safer.

solutions

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Acetone Certified ACS Reagent Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A18-500
1L	Glass Bottle	A18-1
4L	Glass Bottle	A18-4
4L	Poly Bottle	A18P-4
4L	Aluminum Can	A18S-4
4L	Glass Bottle, Safe-Cote™	A18SK-4
20L	Steel Pail	A18-20
200L	Steel Drum	A18-200

2-Propanone, Dimethyl Ketone; C₃H₆O; CH₃COCH₃
F.W. 58.08; CAS [67-64-1]; **Melting Point:** -94°C (-137.2°F);
Flash Point: -20°C (-4°F); **Boiling Point:** 56°C (132.8°F); **Density:** 0.790g/mL max. (at 25°C);
DOT Class 3: Flammable Liquid; **UN:** 1090; Colorless
 Meets or exceeds the latest ACS specifications. Actual lot analysis on label.



Acetone HPLC Grade



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle, EcoSafPak	A949-1
1L	Amber Glass Bottle/Safe-Cote™	A949SK-1
4L	Amber Glass Bottle, EcoSafPak	A949-4
4L	Amber Glass Bottle/Safe-Cote™, EcoSafPak	A949SK-4
19L	NOWPAK I (Plastic Exterior)	A949N1-19

Mobile phase for HPLC applications;
 99.5% min by GC; 2-Propanone, Dimethyl Ketone;
 C₃H₆O; CH₃COCH₃; **F.W.** 58.08; CAS [67-64-1];
Melting Point: -94°C (-137.2°F); **Flash Point:** -20°C (-4°F); **Boiling Point:** 56°C (132.8°F);
Density: 2.0 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1090;
 Colorless
 HPLC mobile phase for analytical and preparative separations.
 High UV transmittance and low evaporation residue.
 Filtered through a 0.2µm filter to remove particulates.
 This product also meets ACS specifications.



Acetone Electronic Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	A946-4

96% min by GC; 2-Propanone, Dimethyl Ketone;
 C₃H₆O; CH₃COCH₃; **F.W.** 58.08; CAS [67-64-1];
Melting Point: -94°C (-137.2°F);
Flash Point: -20°C (-4°F);
Boiling Point: 56°C (132.8°F); **Density:** 2.0 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1090; Colorless
 Suitable for use in electronics and circuit board manufacturing.
 Manufactured to ensure low levels of metal contamination.
 Meets Semiconductor Equipment and Materials Institute (SEMI)
 requirements.
 This product also meets ACS specifications.



Acetone USP/NF/FCC/EP/BP/JP



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A11-1
4L	Glass Bottle	A11-4
4L	Aluminum Can	A11S-4
20L	Steel Pail	A11-20
200L	Steel Drum	A11-200

2-Propanone, Dimethyl Ketone; C₃H₆O; CH₃COCH₃;
F.W. 58.08; CAS [67-64-1];
Melting Point: -94.3°C (-137.7°F);
Flash Point: -20°C (-4°F);
Boiling Point: 56°C (132.8°F); **Density:** 2.0 (Air = 1.0);
DOT Class 3: Flammable Liquid;
UN: 1090; Colorless



Acetone GC Resolv™



Quantity	Packaging	Cat. No.
4L	Glass Bottle	A928-4

≥99.5%; 2-Propanone, Dimethyl Ketone; C₃H₆O;
 CH₃COCH₃; **F.W.** 58.08; CAS [67-64-1];
Melting Point: -94°C (-137.2°F);
Flash Point: -20°C (-4°F);
Boiling Point: 56°C (132.8°F); **Density:** 2.0 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1090; Colorless
 Packaged under nitrogen.
 Suitable for high-resolution chromatography and organic residue
 analysis.
 Certificate of Lot Analysis included with each bottle;
 UV and other chromatograms available on request.



Acetone USP/NF/FCC/EP/BP/JP



Quantity	Packaging	Cat. No.
4L	Glass Bottle, EcoSafPak	A9-4
20L	Steel Pail	A9-20

2-Propanone, Dimethyl Ketone; C₃H₆O; CH₃COCH₃;
F.W. 58.08; CAS [67-64-1];
Melting Point: -94°C (-137.2°F);
Flash Point: -20°C (-4°F);
Boiling Point: 56°C (132.8°F); **Density:** 2.0 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1090; Colorless



Acetone Histological Grade



Quantity	Packaging	Cat. No.
1 gal.	Poly Bottle	A16F-1GAL
4L	Poly Bottle	A16P-4
4L	Aluminum Can	A16S-4
20L	Steel Pail	A16S-20

≥99.5%; 2-Propanone, Dimethyl Ketone; C₃H₆O;
 CH₃COCH₃; **F.W.** 58.08; CAS [67-64-1];
Melting Point: -94.3°C (-137.7°F);
Flash Point: -20°C (-4°F);
Boiling Point: 56.5°C (133.7°F); **Density:** 2.0 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1090; Colorless
 Used in histology applications.



Acetone Optima™



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	A929-1
4L	Amber Glass Bottle	A929-4
4L	Amber Glass Bottle/Safe-Cote™ EcoSafPak	A929SK-4

99.9% min by GC; 2-Propanone, Dimethyl Ketone;
 C₃H₆O; CH₃COCH₃; **F.W.** 58.08; CAS [67-64-1];
Melting Point: -94°C (-137.2°F);
Flash Point: -20°C (-4°F); Colorless;
Boiling Point: 56°C (132.8°F); **Density:** 2.0 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1090; Colorless
 Certificate of Lot Analysis included with each bottle; UV and other
 chromatograms available on request.
 High-purity and versatile solvent for HPLC, GC and pesticide residue
 analysis. High UV transmittance and low evaporation residue.
 Filtered through a 0.2µm filter to remove particulates.
 This product also meets ACS specifications.



Acetone Pesticide Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	A40-4

2-Propanone, Dimethyl Ketone; C₃H₆O; CH₃COCH₃;

F.W. 58.08; **CAS** [67-64-1];

Melting Point: -94°C (-137.2°F);

Flash Point: -20°C (-4°F);

Boiling Point: 56°C (132.8°F); **Density:** 2.0 (Air = 1.0);

DOT Class 3: Flammable Liquid;

UN: 1090

For pesticide residue analysis by GC-ECD. Suitable for sample prep prior to GC-ECD for environmental applications.



Acetone BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002151
4L	Aluminum Bottle	02002152
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02002153
20L	Steel Pail	02002148

(CH₃)₂CO; **F.W.** 58.08; **CAS** [67-64-1]; **Flash Point:** -20.00°C (-4°F);

Boiling Point: ≤56.1°C (133°F);

Meets ACS Reagent Chemical Requirements.

Acetone ULTRA RESI-ANALYZED™



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002147

Propanone; C₃H₆O; **F.W.** 58.08; **CAS** [67-64-1];

Melting Point: -95° to -93°C; **Flash Point:** -20° (-4°F);

Boiling Point: 56° to 57°C (132.8 to 134.6°F); **Density:** 0.791g/cm³

Acetone Spectranalyzed™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A19-1
4L	Glass Bottle	A19-4

≥99.5%; 2-Propanone, Dimethyl Ketone; C₃H₆O;

CH₃COCH₃; **F.W.** 58.08; **CAS** [67-64-1];

Melting Point: -94°C (-137.2°F);

Flash Point: -20°C (-4°F);

Boiling Point: 56°C (132.8°F); **Density:** 2.0 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1090; Colorless

For use in the ultraviolet and infrared ranges.

Also meets ACS specifications.



Acetone



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	14650369

CH₃COCH₃; **F.W.** 58.08; **CAS** [67-64-1];

Flash Point: -20°C (-4°F); ACS

Acetone Environmental Grade



Quantity	Packaging	Cat. No.
4 × 4L	Glass Bottle	AA43053M6

>99.5%; C₃H₆O; **F.W.** 58.08; **CAS** [67-64-1];

Melting Point: -94°C (-137.2°F); **Flash Point:** -17°C (1.4°F);

Boiling Point: 56°C (132.8°F); **Density:** 0.791g/cm³ at 20°C;

UN: 1090; Colorless

Suitable for pesticide residue analysis

Acetone ACS Reagent Grade



Quantity	Packaging	Cat. No.
4L	Poly Bottle	MK244016

CH₃COCH₃; **F.W.** 58.08; **CAS** [67-64-1]

Acetone Spectrophotometric Grade



Quantity	Packaging	Cat. No.
4 × 1L	Glass Bottle	AA32451M1

>99.5%; C₃H₆O; **F.W.** 58.08; **CAS** [67-64-1];

Melting Point: -94°C (-137.2°F); **Flash Point:** -17°C (1.4°F);

Boiling Point: 56°C (132.8°F); **Density:** 0.791g/cm³ at 20°C;

UN: 1090; Colorless

Meets ACS spectrophotometric requirements. Filtered through 0.2µm filters. Maximum level of impurities: Evaporation residue 3ppm, H₂O 0.50%

Acetone



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	16101413
5 gal.	Poly Pail	16101416
5 gal.	Metal Pail	16101417
55 gal.	UV Poly Drum	16101415

Dimethyl Ketone, 2-Propanone; C₃H₆O; **F.W.** 58.08; **CAS** [67-64-1];

Melting Point: -94°C (-137.2°F); **Flash Point:** -20°C (-4°F);

Boiling Point: 56°C (132.8°F); **Density:** 0.791g/mL at 25°C (77°F);

UN: 1090; Colorless; General purpose organic solvent.

Acetone HPLC Grade



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002145
4L	Narrow Mouth Amber Glass Bottle	02002149
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02002150

(CH₃)₂CO; **F.W.** 58.08; **CAS** [67-64-1]; **Flash Point:** -20.00°C (-4°F);

Packaged under Nitrogen

Acetone For Electronic Use



Quantity	Packaging	Cat. No.
4L	Glass Bottle	AC32784-0040

99.5%; 2-Propanone; C₃H₆O; CH₃COCH₃; **F.W.** 58.08; **CAS** [67-64-1];

Melting Point: -95.0°C (-139°F); **Flash Point:** -20°C (-4°F);

Boiling Point: 56.0°C (132.8°F); **Density:** 0.7900g/mL; **UN:** 1090; Colorless

Acetone



Quantity	Packaging	Cat. No.
1L	Plastic Drum	AC17680-0010
2.5L	Plastic Drum	AC17680-0025

≥99.5%; 2-Propanone; C₃H₆O; CH₃COCH₃; **F.W.** 58.08; **CAS** [67-64-1];

Melting Point: -95.0°C (-139°F); **Flash Point:** -20°C (-4°F);

Boiling Point: 56.0°C (132.8°F); **Density:** 0.7900g/mL; **UN:** 1090; Colorless

Acetone ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Metal Drum	AC42324-5000
1L	Metal Drum	AC42324-0010
4L	Metal Drum	AC42324-0040

99.6%; 2-Propanone; C₃H₆O; CH₃COCH₃; **FW**: 58.08; CAS [67-64-1];
Melting Point: -95.0°C (-139°F); **Flash Point**: -20°C (-4°F);
Boiling Point: 56.0°C (132.8°F); **Density**: 0.7900g/mL; **UN**: 1090;
 Colorless

Acetone Extra Dry



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	AC32680-1000
1L	Glass Bottle	AC32680-0010

99.8%; 2-Propanone; C₃H₆O; CH₃COCH₃; **FW**: 58.08; CAS [67-64-1];
Melting Point: -95.0°C (-139°F); **Flash Point**: -20°C (-4°F);
Boiling Point: 56.0°C (132.8°F); **Density**: 0.7900g/mL; **UN**: 1090;
 Colorless

Acetone HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC26831-0010
2.5L	Glass Bottle	AC26831-0025

99.8%; 2-Propanone; C₃H₆O; CH₃COCH₃; **FW**: 58.08; CAS [67-64-1];
Melting Point: -95.0°C (-139°F); **Flash Point**: -20°C (-4°F);
Boiling Point: 56.0°C (132.8°F); **Density**: 0.7900g/mL; **UN**: 1090;
 Colorless

Acetone Extra Pure



Quantity	Packaging	Cat. No.
1L	Plastic Drum	AC17717-0010
2.5L	Plastic Drum	AC17717-0025
25L	Plastic Drum	AC17717-0250

≥99%; 2-Propanone; C₃H₆O; CH₃COCH₃; **FW**: 58.08; CAS [67-64-1];
Melting Point: -95.0°C (-139°F); **Flash Point**: -20°C (-4°F);
Boiling Point: 56.0°C (132.8°F); **Density**: 0.7900g/mL; **UN**: 1090;
 Colorless

Acetone ACS Grade



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	LC104202
4 x 4L	Amber Glass Bottle	LC1042044

≥99.5%; CH₃COCH₃; **FW**: 58.08; CAS [67-64-1]; **Density**: 0.79kg/m³;
DOT Class 3: Flammable Liquid; Room Temperature; Colorless

Acetone ACS Reagent Grade



Quantity	Packaging	Cat. No.
4L	----	AA30698K7

CH₃COCH₃; **FW**: 58.08; CAS [67-64-1]

Acetone HPLC Grade



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	LC104254

≥99.5%; CH₃COCH₃; **FW**: 58.08; CAS [67-64-1]; **Density**: 0.79kg/m³;
DOT Class 3: Flammable Liquid; **UN**: 1090; Colorless

Acetone HPLC Grade



Quantity	Packaging	Cat. No.
1L	----	AA22928K2
4L	----	AA22928K7

>99.5%; C₃H₆O; **FW**: 58.08; CAS [67-64-1];
Melting Point: -94°C (-137.2°F); **Boiling Point**: 56°C (132.8°F);
UN: 1090; Colorless

Acetone HPLC Grade



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002168

(CH₃)₂CO; **FW**: 58.08; CAS [67-64-1]; **Flash Point**: -20°C (-4°F);
 Low Water; Meets ACS Reagent Chemical Requirements.

Acetone Technical Grade



Quantity	Packaging	Cat. No.
5L	Plastic Drum	AC44415-0050
25L	Metal Drum	AC44415-0250

2-Propanone; C₃H₆O; CH₃COCH₃; **FW**: 58.08; CAS [67-64-1];
Melting Point: -95.0°C (-132.7°F); **Flash Point**: -20°C (-4°F);
Boiling Point: 56.0°C (132.8°F); **Density**: 0.7900g/mL

Acetone Technical Grade



Quantity	Packaging	Cat. No.
20L	Steel Pail	A13-20
200L	Steel Drum	A13-200

2-Propanone; C₃H₆O; CH₃COCH₃; **FW**: 58.08; CAS [67-64-1];
 Used where purity requirements are less stringent, such as
 glassware and laboratory clean up.



Acetonitrile HPLC Grade (Far UV)



Quantity	Packaging	Cat. No.
4L	----	AA42880K7

>99.8%; Methyl cyanide; CH₃CN; **FW**: 41.05;
 CAS [75-05-8]; **Melting Point**: -48° to -45°C (-54° to -49°F);
Flash Point: 5°C (41°F);
Boiling Point: 80° to 82°C (176° to 180°F);
Density: 0.786g/cm³ at 20°C; **UN**: 1648; Colorless
 Suitable for far UV analysis

Acetonitrile HPLC Grade



Quantity	Packaging	Cat. No.
4 x 1L	----	AA22927M1

>99.7% min.; Methyl cyanide; CH₃CN; **FW**: 41.05; CAS [75-05-8];
Melting Point: -48° to -45°C (-54° to -49°F);
Boiling Point: 80° to 82°C (176° to 180°F);
Density: 0.786g/cm³ at 20°C; **UN**: 1648; Colorless

Acetonitrile HPLC Grade



Quantity	Packaging	Cat. No.
4L	----	AA42879K7

>99.9%; Methyl cyanide; CH₃CN; **FW**: 41.05;
 CAS [75-05-8]; **Melting Point**: -48° to -45°C (-54° to -49°F);
Flash Point: 5°C (41°F); **Boiling Point**: 80° to 82°C;
Density: 0.786g/cm³ at 20°C; **UN**: 1648; Colorless
 Suitable for gradient HPLC

Acetonitrile HPLC Grade



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002180

CH₃CN; **F.W.** 41.05; CAS [75-05-8]; **Flash Point:** 2.00°C

Acetonitrile HPLC Grade



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002175
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02002182

CH₃CN; **F.W.** 41.05; CAS [75-05-8]; **Flash Point:** 2°C

Acetonitrile ULTRA RESI-ANALYZED™



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002176

CH₃CN; **F.W.** 41.05; CAS [75-05-8]

Acetonitrile BAKER ANALYZED™ LC-MS Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002171
4L	Narrow Mouth Amber Glass Bottle	02002174

CH₃CN; **F.W.** 41.05; CAS [75-05-8]; **Flash Point:** 2.00°C;
Filtered through a 0.2 micron filter

Acetonitrile BAKER ANALYZED™ ULTRA LC/MS



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Flint Glass Bottle	02002172
1L	Narrow Mouth Flint Glass Bottle	02002173

Meets ACS Reagent Chemical Requirements; CH₃CN; **F.W.** 41.05; CAS [75-05-8]; **Flash Point:** 2.00°C

Acetonitrile Certified ACS Reagent Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A21-1
4L	Glass Bottle	A21-4
20L	Steel Pail	A21-20
200L	Steel Drum	A21-200

Clear colorless liquid; ≥99.5%; Methyl Cyanide, Ethanenitrile; C₂H₃N; CH₃CN; **F.W.** 41.05; CAS [75-05-8]; **Melting Point:** -45°C (-49°F); **Flash Point:** 12.8°C (55°F); **Boiling Point:** 81.6°C; **Density:** 1.42 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1648; Meets or exceeds the latest ACS specifications. Actual lot analysis on label.



Acetonitrile Certified



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	01034-500

≥98.5%; Methyl Cyanide, Ethanenitrile; C₂H₃N; CH₃CN; **F.W.** 41.05; CAS [75-05-8]; **Melting Point:** -45°C (-49°F); **Flash Point:** 12.8°C (55°F); **Boiling Point:** 81.6°C (41°F) **Density:** 0.78g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1648; Suitable for nonaqueous titrations.



Acetonitrile HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A998-1
1L	Glass Bottle, Safe-Cote™	A998SK-1
2.5L	Amber Glass Bottle	A998-212
4L	Glass Bottle	A998-4
4L	Glass Bottle, Safe-Cote™	A998SK-4
19L	NOWPak™ I	A998N1-19

Mobile phase for HPLC applications; Assay: 99.9% min by GC; ACN, Ethanenitrile, Methyl Cyanide; C₂H₃N; CH₃CN; **F.W.** 41.05; CAS [75-05-8]; **Melting Point:** -45°C (-49°F); **Flash Point:** 12.8°C (55°F); **Boiling Point:** 81.6°C (178.9°F); **Density:** 0.781g/mL (at 25°C); **DOT Class 3:** Flammable Liquid; **UN:** 1648; Colorless; 0.2-micron filtered. HPLC mobile phase for analytical and preparative separations. High UV transmittance and low evaporation residue. Suitable for gradient and isocratic conditions. Filtered through a 0.2µm filter to remove particulates. This product also meets ACS specifications.



Acetonitrile Optima™ LC/MS



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A955-1
4L	Glass Bottle	A955-4

99.9% min by GC; ACN, Ethanenitrile, Methyl Cyanide; C₂H₃N; CH₃CN; **F.W.** 41.05; CAS [75-05-8]; **Melting Point:** -45°C (-49°F); **Flash Point:** 12.8°C (55°F); **Boiling Point:** 81.6°C (178.9°F); **Density:** 1.42 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1648; Colorless
Actual Lot Analysis reported on label; Certificate of Actual Lot Analysis available on request.
Ideal mobile phase for LC/MS and UHPLC-UV applications in pharmaceutical, biotechnology, clinical, environmental and food safety industries. Novel gradient elution test with Photodiode Array Detector screens for UV-absorbing contaminants at every wavelength in the 200 to 400nm range to afford smooth baselines and to reduce interferences. Evaluated for 17 metal impurities at ppb concentrations to minimize the formation of metal adducts during analysis and simplify spectral interpretation. 0.1 micron filtration minimizes troublesome particles that may interfere with LC/MS and UHPLC system performance and provides an ideal solution to prepare clean, particle-free mobile phase blends. Positive mode ionization (as propazine) and negative mode ionization (as mecoprop) with ESI and Single Quadrupole MS detect organic contaminants at max 50ppb and max 300ppb, respectively.



Acetonitrile Optima™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A996-1
4L	Glass Bottle	A996-4
4L	Glass Bottle, Safe-Cote™	A996SK-4

99.9% min by GC; ACN, Ethanenitrile, Methyl Cyanide; C₂H₃N; **F.W.** 41.05; CAS [75-05-8]; **Melting Point:** -45°C (-49°F); **Flash Point:** 49°C; **Boiling Point:** 81.6°C (178.9°F); **Density:** 0.781g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1648; Colorless
High purity and versatile solvent for HPLC, GC and pesticide residue analysis. High UV transmittance and low evaporation residue. Filtered through a 0.2µm filter to remove particulates. This product also meets ACS specifications. Certificate of Lot Analysis included with each bottle; UV and other chromatograms available on request.



Acetonitrile Pesticide Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	A999-4

Methyl Cyanide, Ethanenitrile; C_2H_3N ; CH_3CN ;
FW. 41.05; **CAS** [75-05-8];

Melting Point: -45°C (-49°F);

Flash Point: 12.8°C (55°F);

Boiling Point: 81.6°C (41°F) **Density:** 1.42 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1648; Colorless
 Also meets ACS specifications.



Acetonitrile ACS

Alfa Aesar

Quantity	Packaging	Cat. No.
4L	Glass Bottle	AA36423K7
4 x 4L	Glass Bottle	AA36423M6

>99.5%; Methyl cyanide; CH_3CN ; **FW.** 41.05; **CAS** [75-05-8];

Melting Point: -48° to -45°C (-54° to -49°F); **Flash Point:** 5°C (41°F);

Boiling Point: 80 to 82°C (176 to 180°F); **Density:** 0.786g/cm³ at 20°C;

UN: 1648; Colorless

Acetonitrile

Alfa Aesar

Quantity	Packaging	Cat. No.
1L	Glass Bottle	AA42311K2
4L	Glass Bottle	AA42311K7

>99.8%; Methyl cyanide; CH_3CN ; **FW.** 41.05; **CAS** [75-05-8];

Melting Point: -48° to -45°C (-54° to -49°F);

Flash Point: 5°C (41°F); **Boiling Point:** 80° to 82°C (176° to 180°F);

Density: 0.786g/cm³ at 20°C; **UN:** 1648; Colorless

Acetonitrile For HPLC



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC26827-0010
2.5L	Glass Bottle	AC26827-0025
4L	Glass Bottle	AC26827-0040

Clear Liquid; 99.8%; AN, Methyl cyanide; C_2H_3N ; CH_3CN ; **FW.** 41.04;
CAS [75-05-8]; **Melting Point:** -46.0°C (-51°F); **Flash Point:** 2°C (35.6°F);
Boiling Point: 81.0°C to 82.0°C (177.8° to 179.6°F);
Density: 0.7810g/mL; **UN:** 1648; Colorless

Acetonitrile Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal Glass Bottle Packed in Tin Can	AC61096-1000

99.9%; AN, Methyl cyanide; C_2H_3N ; CH_3CN ; **FW.** 41.04; **CAS** [75-05-8];

Melting Point: -46.0°C (-51°F); **Flash Point:** 2°C (35.6°F);

Boiling Point: 81.0°C to 82.0°C (177.8° to 179.6°F); **Density:** 0.7810g/mL;

UN: 1648; Colorless

Acetonitrile Extra Dry



Quantity	Packaging	Cat. No.
1L	AcroSeal Glass Bottle Packed in Tin Can	AC61022-0010

99.9%; AN, Methyl cyanide; C_2H_3N ; CH_3CN ; **FW.** 41.04; **CAS** [75-05-8];

Melting Point: -46.0°C (-51°F); **Flash Point:** 2°C (35.6°F);

Boiling Point: 81.0°C to 82.0°C; **Density:** 0.7810g/mL; **UN:** 1648

Acetonitrile For HPLC



Quantity	Packaging	Cat. No.
4L	EcoSafPak	AC61001-0040

AN, Methyl cyanide; C_2H_3N ; CH_3CN ; **FW.** 41.04; **CAS** [75-05-8];

Melting Point: -46.0°C (-51°F); **Flash Point:** 2°C (35.6°F);

Boiling Point: 81.0°C to 82.0°C; **Density:** 0.7810g/mL; **UN:** 1648

Acetonitrile



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	AC61514-0025

AN, Methyl cyanide; C_2H_3N ; CH_3CN ; **FW.** 41.04; **CAS** [75-05-8];

Melting Point: -46°C (-51°F); **Flash Point:** 2°C (35.6°F);

Boiling Point: 81.0° to 82.0°C; **Density:** 0.7810g/mL

Acetonitrile BAKER ANALYZED™ LC-MS Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002074
4L	Narrow Mouth Amber Glass Bottle	02002075

ACN, FA; **CAS** [75-05-8, 64-18-6]; 0.1% Formic Acid;

Flash Point: 2°C (35.6°F); Filtered through a 0.2 micron filter

Acetonitrile BAKER ANALYZED™ LC-MS Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002169
4L	Narrow Mouth Amber Glass Bottle	02002170

ACN, TFA; **CAS** [76-05-1, 75-05-8]; 0.1% Trifluoroacetic Acid;

Flash Point: 2°C (35.6°F); Filtered through a 0.2 micron filter

Acetonitrile



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	16101404
5 gal.	Metal Pail	16101406

ACN, Methyl Cyanide, Cyanomethane; C_2H_3N ; **FW.** 41.05;

CAS [75-05-8]; **Melting Point:** -45.7°C (-50.26°F);

Flash Point: 6°C (42.8°F); **Boiling Point:** 81.6°C (178.9°F);

Density: 0.79g/mL at 20°C (77 °F); **UN:** 1648; Colorless

General purpose organic solvent

Acetonitrile UHPLC-MS Optima™



Quantity	Packaging	Cat. No.
1L	Clear Borosilicate Glass Bottle	A956-1

99.9% minimum by GC; C_2H_3N ; **CAS** [75-05-8];

Fisher Chemical UHPLC-MS solvents have an UHPLC-UV

Gradient Suitability specification which covers the full

200–400 nm range ideal for dual detection. Ideal mobile phase

for UHPLC-MS applications in pharmaceutical, biotechnology, clinical,

environmental and food industries



Acetonitrile w/0.1% Formic Acid (v/v) HPLC Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	HB9823-4

ACN, FA; ≥98.5%; **CAS** [75-05-8, 64-18-6];

Flash Point: 6°C (41°F); **Density:** 0.78g/mL



Acetonitrile w/0.05% Trifluoroacetic Acid (v/v) HPLC Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	HB9812-4

ACN, TFA; CAS [76-05-1, 75-05-8]; **Flash Point:** 6°C (43°F);



Acetonitrile w/0.1% Trifluoroacetic Acid (v/v) HPLC Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	HB9813-4

ACN, TFA; C₂H₃N; **F.W.** 41.04; CAS [76-05-1, 75-05-8];

Melting Point: -50°C; **Flash Point:** 6°C (41°F);

Boiling Point: 82°C (180°F); **Density:** 1.42 (Air = 1.0);

Blended HPLC mobile phase for analytical and preparative separations. High UV transmittance. Suitable for gradient and isocratic conditions.



Alcohol HPLC Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	A995-4

99.8% min by GC; Ethanol, Ethyl Alcohol, Denatured Alcohol; CAS [67-56-1, 64-17-5, 67-63-0];

Melting Point: -114.11°C (-173.4°F);

Flash Point: 12.8°C (55°F); **Boiling Point:** 78.50°C;

Density: 1.24 (Air=1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1987; Clear HPLC mobile phase for analytical and preparative separations.

Anhydrous Ethyl Alcohol 90% ±1% v/v; Methyl Alcohol approx. 5% v/v; 2-Propanol approx. 5% v/v.

High UV transmittance and low evaporation residue.

Filtered through a 0.5µm filter to remove particulates.



Alcohol PHOTREX™ Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002216

Alcohol, Anhydrous; **Flash Point:** 13.00°C (55.40°F);

Contains 0.075% Butylated Hydroxytoluene as a stabilizer.

Meets ACS Reagent Chemical Requirements

Alcohol BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002217
4L	Poly Bottle	02002219
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02002220
4L	Aluminum Bottle	02002218

Alcohol, Anhydrous; **Flash Point:** 13.00°C (55.40°F);

Meets ACS Reagent Chemical Requirements

Alcohol, Reagent Histological Grade



Quantity	Packaging	Cat. No.
1 gal.	Poly Bottle	A962F-1GAL
4L	Glass Bottle	A962-4
4L	Poly Bottle	A962P-4
4L	Aluminum Can	A962S-4
200L	Steel Drum	A962-200

Ethanol (88 to 91%), Methanol (4.0 to 5.0% v/v),

Isopropyl Alcohol (4.5 to 5.5%);

CAS [64-17-5, 67-63-0, 67-56-1];

Melting Point: -114.11°C (-173.4°F);

Flash Point: 12.8°C (55°F); **Boiling Point:** 78.50°C (173.3°F);

Density: 1.24 (Air=1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1170; Clear Specially filtered for use in tissue processors. Maximum container size is 4 liters, under government regulations.



Alcohol, Reagent



Quantity	Packaging	Cat. No.
1L	Poly Natural Bottle	25467032
4L	Amber Glass Bottle, Safety Coated Bottle	2546701SC
4L	Poly Natural Bottle	2546701
10L	Cubitainer™	25467025
20L	Cubitainer™	2546705

70% (v/v); Clear colorless liquid; CAS [64-17-5, 7732-18-5, 67-63-0,

67-56-1]; **Melting Point:** Approx. -50°C (-58°F);

Boiling Point: Approx. 93°C (199°F); Denatured Alcohol

Alcohol, Reagent ACS Reagent Grade



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	659016
4L	Poly Natural Bottle	65901

CAS [64-17-5, 67-63-0, 67-56-1]; Denatured alcohol;

Absolute, Anhydrous

1-Butanol Certified ACS Reagent Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A399-500
1L	Glass Bottle	A399-1
4L	Glass Bottle	A399-4
4L	Aluminum Can	A399S-4
20L	Steel Pail	A399-20

≥99.4%; n-Butyl Alcohol, Butyl Alcohol; C₄H₁₀O;

CH₃CH₂CH₂CH₂OH; **F.W.** 74.12; CAS [71-36-3];

Melting Point: -89.5°C (-129.1°F);

Flash Point: 35°C (95°F);

Boiling Point: 116°C (241°F); **Density:** 2.6 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1120; Colorless

Meets or exceeds latest ACS specifications. Actual lot analysis on label. Suitable for fluorometric analysis.



1-Butanol HPLC Grade



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle, EcoSafPak™	A383-1
1L	Amber Glass Bottle/Safe-Cote™	A383SK-1
4L	Amber Glass Bottle EcoSafPak™	A383-4
4L	Amber Glass Bottle/Safe-Cote™, EcoSafPak™	A383SK-4

≥99.4%; n-Propyl Carbinol, n-Butyl Alcohol; C₄H₁₀O; CH₃CH₂CH₂CH₂OH; F.W. 74.12; CAS [71-36-3];

Melting Point: -89.5°C (-129.1°F);

Flash Point: 35°C (95°F);

Boiling Point: 116°C (241°F) **Density:** 2.6 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1120; Colorless

Also meets ACS specifications.



tert-Butanol Extra Pure



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	AC10771-0010
2.5L	Plastic Bottle	AC10771-0025

99.5%; tert-Butyl Alcohol, 2-Methyl-2-Propanol; C₄H₁₀O; (CH₃)₃COH;

FW: 74.12; **CAS** [75-65-0]; **Melting Point:** 25.0° to 25.5°C;

Flash Point: 11°C; **Boiling Point:** 83.0°C; **Density:** 0.7800g/mL;

UN: 1120

2-Butanone ACS



Quantity	Packaging	Cat. No.
4L	----	AA39119K7

>99%; Methyl ethyl ketone, MEK; C₄H₈O; **FW:** 72.11; **CAS** [78-93-3];

Melting Point: -87°C (-125°F); **Flash Point:** -3°C (27°F);

Boiling Point: 80°C (176°F); **Density:** 0.805g/cm³ at 20°C; **UN:** 1193;

Colorless;

Maximum level of impurities: Color (APHA) 15, Residue after

evaporation 0.0025%, Titratable acid 0.0005meq/g, H₂O 0.20%

1-Butanol Technical Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	A398-4

n-Butyl Alcohol; C₄H₁₀O; CH₃CH₂CH₂CH₂OH;

FW: 74.12; **CAS** [71-36-3];

Melting Point: -89.5°C (-129.1°F);

Flash Point: 35°C (96°F);

Boiling Point: 116°C (241°F) **Density:** 2.6 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1120



1-Butanol HPLC Grade



Quantity	Packaging	Cat. No.
1L	----	AA22925K2
4L	----	AA22925K7

99%; CH₃(CH₂)₃OH; **FW:** 74.12; **CAS** [71-36-3];

Melting Point: -90° to -89°C (-130° to -128°F); **Flash Point:** 35°C (95°F);

Boiling Point: 117° to 118°C (242° to 244°F); **Density:** 0.810g/mL;

UN: 1120

Filtered through 0.2µm filters

sec-Butanol Certified



Quantity	Packaging	Cat. No.
1L	Glass Bottle	01664-1
4L	Glass Bottle	01664-4

sec-Butyl Alcohol, 2-Butanol; C₄H₁₀O;

CH₃CHOHCH₂CH₃; **FW:** 74.12; **CAS** [78-92-2];

Melting Point: -115°C (-175°F); **Flash Point:** 23°C;

Boiling Point: 99.5°C; **Density:** 0.81g/mL;

DOT Class 3: Flammable Liquid; **UN:** 1120



tert-Butyl Alcohol ACS Grade



Quantity	Packaging	Cat. No.
1L	----	AA33278K2
4 × 1L	----	AA33278M1
4L	----	AA33278K7

Liquid; >99+%; 2-Methyl-2-Propanol; tert-Butanol; C₄H₁₀O; **FW:** 74.12;

CAS [75-65-0]; **Melting Point:** 25°C; **Flash Point:** 11°C;

Boiling Point: 83°; **Density:** 0.786g/mL; For ACS analysis

Carbon Disulfide



Quantity	Packaging	Cat. No.
4 × 500mL	----	AA40910AY

99.9%; CS₂; **FW:** 76.14; **CAS** [75-15-0];

Melting Point: -112°C (-170°F); **Flash Point:** -30°C;

Boiling Point: 46°C (41°F) **Density:** 1.2632g/mL

Carbon Disulfide



Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	C184-500
2.5L	Glass Bottle	C184-212

≥99.9%; Carbon Bisulfide; CS₂; **FW:** 76.14;

CAS [75-15-0]; **Melting Point:** -111°C (-168°F);

Flash Point: -30°C (-22°F);

Boiling Point: 46°C (115°F) **Density:** 1.26g/mL;

DOT Class 3: Flammable Liquid; **UN:** 1131



tert-Butanol Certified ACS



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	A401-500
1L	Poly Bottle	A401-1

tert-Butyl Alcohol ; 2-Methyl-2-propanol,

Trimethyl Carbinol; C₄H₁₀O; (CH₃)₃COH; **FW:** 74.12;

CAS [75-65-0]; **Melting Point:** 25° to 25.5°C

(77° to 77.9°F); **Flash Point:** 11°C;

Boiling Point: 83°C; **Density:** 2.6 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1120



Carbon Disulfide



Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	C573-500

≥99.9%; Carbon Bisulfide; CS₂; **FW:** 76.14;

CAS [75-15-0]; **Melting Point:** -111°C (-168°F);

Flash Point: -30°C (-22°F);

Boiling Point: 46°C (115°F) **Density:** 1.26g/mL;

DOT Class 3: Flammable Liquid; **UN:** 1131

For use in ultraviolet and infrared spectroscopy.

Also meets ACS specifications.



Carbon Disulfide ULTRA RESI-ANALYZED™



Quantity	Packaging	Cat. No.
500mL	Clear PVC-Coated Glass Bottle	02002801

CS₂; FW. 76.13; CAS [75-15-0]; **Flash Point:** -30.00°C (-22.00°F)

Carbon Disulfide ACS Reagent Grade



Quantity	Packaging	Cat. No.
500mL	----	AA39785AP

Liquid; 99.9+%; CS₂; FW. 76.14; CAS [75-15-0];
Melting Point: -112°C (-170°F); **Flash Point:** -30°C (-22°F);
Boiling Point: 46°C (115°F)

Carbon Disulfide ACS



Quantity	Packaging	Cat. No.
2L	----	AA39785K3

>99.9%; CS₂; FW. 76.14; CAS [75-15-0];
Melting Point: -111.5°C (-169°F); **Flash Point:** -30°C (-22°F);
Boiling Point: 46.3°C (115°F); **Density:** 1.263g/cm³ at 20°C;
UN: 1131; Colorless;
 Maximum level of impurities: Color (APHA) 10, Evaporation Residue 0.002%, Hydrogen sulfide (H₂S) P.T. (limit about 1.5ppm, Sulfur dioxide (SO₂) P.T. (limit about 2.5ppm), H₂O 0.05%

Carbon Disulfide



Quantity	Packaging	Cat. No.
1L	----	AA32472K2

99.9+%; CS₂; FW. 76.14; CAS [75-15-0]; **Melting Point:** -112°C (-170°F);
Flash Point: -30°C (-22°F); **Boiling Point:** 46° (115°F);
Density: 1.2632g/mL

Chlorobenzene Certified



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	B255-500
1L	Glass Bottle	B255-1

Monochlorobenzene, Benzene Chloride; C₆H₅Cl;
FW. 112.56; CAS [108-90-7]; **SOLVENT**
Melting Point: -45°C (-49°F);
Flash Point: 23°C (73°F);
Boiling Point: 131°C (268°F); **Density:** 3.9 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1134

Chlorobenzene Laboratory Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	B254-4
20L	Steel Pail	B254-20

Monochlorobenzene, Benzene Chloride; C₆H₅Cl;
FW. 112.56; CAS [108-90-7]; **SOLVENT**
Melting Point: -45°C (-49°F);
Flash Point: 23°C (73°F);
Boiling Point: 131°C (268°F); **Density:** 3.9 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1134

Chlorobenzene ACS Reagent Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	MK44194

C₆H₅Cl; FW. 112.56; CAS [108-90-7]

Chloroform HPLC Grade



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002578
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02002583

CHCl₃; FW. 119.38; CAS [67-66-3]
 Meets ACS Reagent Chemical Requirements.

Chloroform BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002584

CHCl₃; FW. 119.38; CAS [67-66-3]
 Meets ACS Reagent Chemical Requirements.

Chloroform Certified ACS Reagent Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	C298-500
1L	Glass Bottle	C298-1
4L	Glass Bottle	C298-4
4L	Glass Bottle/Safe-Cote™	C298SK-4
4L	Aluminum Can	C298S-4
200L	Steel Drum	C298-200

>99.8%; Trichloromethane; CHCl₃;
FW. 119.38; CAS [67-66-3, 64-17-5]; **SOLVENT**
Melting Point: -63°C (-81°F);
Boiling Point: 60.5° to 61.5°C (140.9° to 142.7°F);
Density: 4.12 (Air = 1.0); **DOT Class 6.1:** Poison; **UN:** 1888
 Meet or exceeds the latest ACS specifications. Actual lot analysis on label.

Chloroform HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	C606-1
1L	Glass Bottle/Safe-Cote™	C606SK-1
4L	Glass Bottle	C606-4
4L	Glass Bottle/Safe-Cote™	C606SK-4

Mobile phase for HPLC applications;
 99.8% min by GC; Trichloromethane; CHCl₃; **SOLVENT**
FW. 119.38; CAS [67-66-3, 64-17-5];
Melting Point: -63°C (-81°F);
Boiling Point: 60.5° to 61.5°C (140.9° to 142.7°F); **Density:** 4.12 (Air = 1.0);
DOT Class 6.1: Poison; **UN:** 1888
 HPLC mobile phase for analytical and preparative separations
 High UV transmittance and low evaporation residue
 Suitable for gradient and isocratic conditions
 Filtered through sub-micron filter to remove particulates
 Stabilized with ca. 0.75% ethanol; This product also meets ACS specifications.

Chloroform Spectranalyzed™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	C574-1
4L	Glass Bottle	C574-4
4L	Glass Bottle/Safe-Cote™	C574SK-4

>99.8%; Trichloromethane; CHCl₃; **FW.** 119.38; **SOLVENT**
 CAS [67-66-3, 64-17-5]; **Melting Point:** -63°C (-81°F);
Boiling Point: 60.5° to 61.5°C (140.9° to 142.7°F);
Density: 4.12 (Air = 1.0); **DOT Class 6.1:** Poison;
UN: 1888
 Also meets ACS specifications

Chloroform Technical Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	C295-4
20L	Steel Pail	C295-20

Trichloromethane; CHCl₃; **F.W.** 119.38; CAS [67-66-3, 64-17-5]; **Melting Point:** -63°C (-81°F); **Boiling Point:** 60.5° to 61.5°C (140.9° to 142.7°F); **Density:** 4.12 (Air = 1.0); **DOT Class 6.1:** Poison; **UN:** 1888

SOLVENT

Chloroform Optima™



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	C297-4

99.9% min by GC; Trichloromethane; CHCl₃; **F.W.** 119.38; CAS [67-66-3, 513-35-9]; **Melting Point:** -63°C (-81°F); **Boiling Point:** 60.5° to 61.5°C (140.9° to 142.7°F); **Density:** 1.49g/mL; **DOT Class 6.1:** Poison; **UN:** 1888; High purity and versatile solvent for HPLC, GC and pesticide residue analysis. High UV transmittance and low evaporation residue. Filtered through a sub-micron filter to remove particulates. Packaged under nitrogen. This product also meets ACS specifications. Stabilized with 50ppm amylene. Certificate of Lot Analysis included with each bottle; UV and other chromatograms available on request.

SOLVENT

Chloroform HPLC



Quantity	Packaging	Cat. No.
1L	Glass Bottle	C607-1
1L	Glass Bottle/Safe-Cote™	C607SK-1
4L	Glass Bottle	C607-4
4L	Glass Bottle/Safe-Cote™	C607SK-4

99.8% min by GC; Trichloromethane; CHCl₃; **F.W.** 119.38; CAS [67-66-3, 513-35-9]; **Melting Point:** -63°C (-81°F); **Boiling Point:** 60.5° to 61.5°C (140.9° to 142.7°F); **Density:** 4.12 (Air = 1.0); **DOT Class 6.1:** Poison; **UN:** 1888 HPLC mobile phase for analytical and preparative separations. High UV transmittance and low evaporation residue. Suitable for gradient and isocratic conditions. Filtered through sub-micron filter to remove particulates. Stabilized with ca. 50ppm amylene; This product also meets ACS specifications.

SOLVENT

Chloroform Pesticide Grade



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	C603-4

Trichloromethane; CHCl₃; **F.W.** 119.38; CAS [67-66-3, 513-35-9]; **Melting Point:** -63°C (-81°F); **Boiling Point:** 60.5° to 61.5°C (140.9° to 142.7°F); **Density:** 4.12 (Air = 1.0); **DOT Class 6.1:** Poison; **UN:** 1888 With 150-200ppm amylene as preservative.

SOLVENT

Chloroform ACS Reagent Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	MK44404

CHCl₃; **F.W.** 119.38; CAS [67-66-3]

Chloroform Extra Dry



Quantity	Packaging	Cat. No.
500mL	AcroSeal™ Glass Bottle	AC36432-5000

99.9%; CHCl₃; **F.W.** 119.38; CAS [67-66-3, 513-35-9]; **Melting Point:** -63.0°C (-81°F); **Boiling Point:** 61.0°C (142°F); **Density:** 1.4800g/mL; **UN:** 1888

Chloroform Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle Packed in Tin Can	AC61028-1000

99.9%; CHCl₃; **F.W.** 119.38; CAS [67-66-3]; **Melting Point:** -63.0°C (-81°F); **Boiling Point:** 61.0°C (142°F); **Density:** 1.4800g/mL; **UN:** 1888

Chloroform Extra Pure



Quantity	Packaging	Cat. No.
1L	Plastic Drum	AC15821-0010
2.5L	Glass Bottle	AC15821-0025

≥99%; CHCl₃; **F.W.** 119.38; CAS [67-66-3, 64-17-5]; **Melting Point:** -63.0°C (-81°F); **Boiling Point:** 61.0°C (142°F); **Density:** 1.4800g/mL; **UN:** 1888

Chloroform ACS Grade



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	LC130402

Liquid; ≥99.8%; CHCl₃; **F.W.** 119.38; CAS [67-66-3, 64-17-5]; **Melting Point:** -64°C (-83°F); **Boiling Point:** 61°C; **Density:** 1490kg/m³; **DOT Class 6.1:** Poison; **UN:** 1888

Chloroform ACS Reagent Grade



Quantity	Packaging	Cat. No.
1L	----	AA32614K2
4L	----	AA32614K7
4 × 4L	----	AA32614M6

>99.8%; Trichloromethane; CHCl₃; **F.W.** 119.38; CAS [67-66-3]; **Melting Point:** -63°C (-81°F); **Boiling Point:** 60.5° to 61.5°C (140.9° to 142.7°F); **Density:** 1.492 g/mL

Chloroform HPLC Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle, EcoSafPak	AC61003-0040

CHCl₃; **F.W.** 119.38; CAS [67-66-3 (Chloroform), 64-17-5 (Ethyl alcohol)]; **Melting Point:** -63.0°C (-81°F); **Boiling Point:** 61.0°C; **Density:** 1.4800g/mL; **UN:** 1888

Chloroform HPLC Grade



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002593

CHCl₃; **F.W.** 119.38; CAS [67-66-3]; Hydrocarbon Stabilized

Chloroform For Spectroscopy



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC40463-5000

99.8%; CHCl₃; **FW.** 119.38; CAS [67-66-3, 64-17-5];
Melting Point: -63.0°C (-81°F); **Boiling Point:** 61.0°C (142°F);
Density: 1.4800g/mL; **UN:** 1888

Chloroform HPLC Grade



Quantity	Packaging	Cat. No.
4L	----	AA22920K7

Liquid; >99.5%; CHCl₃; **FW.** 119.38; CAS [67-66-3];
Melting Point: -63°C (-81°F); **Boiling Point:** 60.5° to 61.5°C;
Density: 1.492g/cm³ at 20°C; **UN:** 1888; Colorless
 Filtered through 0.2µm filters. Maximum level of impurities:
 Evaporation residue 3ppm, Chlorinated pesticides 5ppt, H₂O 0.03%

Chloroform/Isoamyl Alcohol 24:1(v/v) Molecular Biology Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC32715-5000

CAS [67-66-3, 67-66-3, 123-51-3]; **UN:** 2810

Cyclohexane ULTRA RESI-ANALYZED™



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002675

C₆H₁₂; **FW.** 84.16; CAS [110-82-7]; **Flash Point:** -18.00°C

Cyclohexane HPLC Grade



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002676

C₆H₁₂; **FW.** 84.16; CAS [110-82-7]; **Flash Point:** -18.00°C;
Boiling Point: 39.5°C (typical); **Density:** 1.318g/mL at 25°C (typical)

Cyclohexane Certified ACS Reagent Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	C556-500
1L	Glass Bottle	C556-1
4L	Glass Bottle	C556-4

≥99.0%; Hexahydrobenzene; C₆H₁₂; CH₂(CH₂)₄CH₂;
FW. 84.16; CAS [110-82-7];
Melting Point: 6.5°C (44°F); **Flash Point:** -18°C;
Boiling Point: 80.7°C; **Density:** 2.90 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1145



Cyclohexane HPLC Grade



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	C620-1
1L	Amber Glass Bottle/Safe-Cote™	C620SK-1
4L	Amber Glass Bottle	C620-4
4L	Amber Glass Bottle/Safe-Cote™	C620SK-4

99.0% min by GC; Hexahydrobenzene;
 C₆H₁₂; CH₂(CH₂)₄CH₂; **FW.** 84.16; CAS [110-82-7];
Melting Point: 6.5°C (44°F); **Flash Point:** -18°C;
Boiling Point: 80.7°C; **Density:** 2.90 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1145;
 HPLC mobile phase for analytical and preparative separations.
 High UV transmittance and low evaporation residue.
 Filtered through a sub-micron filter to remove particulates.
 This product also meets ACS specifications.



Cyclohexane Pesticide Grade



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	C553-4

Hexahydrobenzene; C₆H₁₂; CH₂(CH₂)₄CH₂; **FW.** 84.16;
 CAS [110-82-7]; **Melting Point:** 6.5°C (44°F);
Flash Point: -18°C; **Boiling Point:** 80.7°C;
Density: 2.90 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1145



Cyclohexane Reagent Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	02093-4
20L	Steel Pail	02093-20

Hexahydrobenzene; C₆H₁₂; CH₂(CH₂)₄CH₂; **FW.** 84.16;
 CAS [110-82-7]; **Melting Point:** 6.5°C (44°F);
Flash Point: -18°C; **Boiling Point:** 80.7°C;
Density: 2.90 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1145



Cyclohexane Spectranalyzed™



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	C555-1
4L	Amber Glass Bottle	C555-4

≥99.0%; Hexahydrobenzene; C₆H₁₂; CH₂(CH₂)₄CH₂;
FW. 84.16; CAS [110-82-7];
Melting Point: 6.5°C (44°F); **Flash Point:** -18°C;
Boiling Point: 80.7°C; **Density:** 2.90 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1145
 For use in the ultraviolet and infrared ranges.
 Also meets ACS specifications.



Cyclohexane ACS



Quantity	Packaging	Cat. No.
4L	----	AA22864K7

Liquid; >99%; C₆H₁₂; **FW.** 84.16; CAS [110-82-7];
Melting Point: 6.5°C (44°F); **Flash Point:** -18°C;
Boiling Point: 80° to 81°C (176° to 178°F); **Density:** 0.779g/cm³;
UN: 1145; Colorless
 Maximum level of impurities: Color (APHA), 10 Evaporation residue
 0.002%, Substances darkened by sulfuric acid P.T., H₂O 0.02%.

Cyclohexane

Extra Pure



Quantity	Packaging	Cat. No.
10L	Plastic Drum	AC21057-0100

99.5%; **FW.** 84.15; CAS [110-82-7]; **Melting Point:** 6.5°C;
Flash Point: -18°C; **Boiling Point:** 81.0°C; **Density:** 0.7700g/mL

Cyclohexanone

Certified ACS



Quantity	Packaging	Cat. No.
1L	Glass Bottle	02109-1
4L	Glass Bottle	02109-4

≥98%; Keto-hexamethylene, Pimelic Ketone; C₆H₁₀O;
F.W. 98.14; CAS [108-94-1]; **Melting Point:** -47°C;
Flash Point: 42°C; **Boiling Point:** 155°C;
Density: 0.95g/mL; **DOT Class 3:** Flammable Liquid;
UN: 1915



Cyclohexanone

Laboratory Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	C550-4

Keto-hexamethylene, Pimelic Ketone; C₆H₁₀O; CH₂(CH₂)₄CO;
F.W. 98.14; CAS [108-94-1]; **Melting Point:** -47°C;
Flash Point: 42°C; **Boiling Point:** 155°C;
Density: 0.95g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1915



Cyclohexanone

Alfa Aesar

Quantity	Packaging	Cat. No.
2.5L	----	AAA156070F

Liquid; ≥99%; C₆H₁₀O; **F.W.** 98.15; CAS [108-94-1];
Melting Point: -26°C (41°F) **Flash Point:** 47°C;
Boiling Point: 154° to 156°C; **Density:** 0.9478 g/mL

1,2-Dichloroethane

Certified ACS Reagent Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	E175-500
4L	Glass Bottle	E175-4
20L	Steel Pail	E175-20

≥99%; Ethylene Dichloride, Ethylene Chloride;
C₂H₄Cl₂; **F.W.** 98.96; CAS [107-06-2];
Melting Point: -35°C; **Flash Point:** 13°C;
Boiling Point: 81° to 85°C (177.8° to 185°F);
Density: 3.4 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1184



1,2-Dichloroethane

Spectranalyzed™



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	E190-4

≥99%; Ethylene Dichloride, Ethylene Chloride;
C₂H₄Cl₂; **F.W.** 98.96; CAS [107-06-2];
Melting Point: -35°C; **Flash Point:** 13°C;
Boiling Point: 81° to 85°C (177.8° to 185°F);
Density: 3.4 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1184
Suitable for use in ultraviolet spectrophotometry.
Also meets ACS specifications



Dichloromethane



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	16101410

Liquid; DCM, Methylene Dichloride, Methylene Chloride;
CH₂Cl₂; **F.W.** 84.93; CAS [75-09-2]; **Melting Point:** -97°C (-142°F);
Boiling Point: 40°C (104°F); **Density:** 1.325g/mL at 25°C (77°F);
UN: 1593; Colorless, Clear; Slightly soluble
General purpose solvent use.

Dichloromethane

Extra Dry



Quantity	Packaging	Cat. No.
1L	AcroSeal™ Glass Bottle	AC61030-0010

99.9%; Methylene Chloride; CH₂Cl₂; **F.W.** 84.93; CAS [75-09-2, 513-35-9];
Melting Point: -97.0°C; **Boiling Point:** 39.0°C to 40.0°C;
Density: 1.3250g/mL; **UN:** 1593

Dichloromethane

Extra Pure



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC38378-0010
2.5L	Glass Bottle	AC38378-0025
5L	Plastic Bottle	AC38378-0050
25L	Metal Drum	AC38378-0250

≥99%; Methylene Chloride; CH₂Cl₂; **F.W.** 84.93; CAS [75-09-2, 513-35-9];
Melting Point: -97.0°C; **Boiling Point:** 39.0° to 40.0°C;
Density: 1.3250g/mL

Dichloromethane

Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal Glass Bottle Packed in Tin Can	AC61093-1000

99.9%; Methylene Chloride; CH₂Cl₂; **F.W.** 84.93; CAS [75-09-2, 513-35-9];
Melting Point: -97.0°C; **Boiling Point:** 39.0°C to 40.0°C;
Density: 1.3250g/mL; **UN:** 1593

Dichloromethane

HPLC Grade



Quantity	Packaging	Cat. No.
4L	EcoSafPak	AC61005-0040

Methylene Chloride; CH₂Cl₂; **F.W.** 84.93; CAS [75-09-2, 513-35-9];
Melting Point: -97.0°C; **Boiling Point:** 39.0°C to 40.0°C;
Density: 1.3250g/mL; **UN:** 1593

Dichloromethane

Alfa Aesar

Quantity	Packaging	Cat. No.
250mL	----	AA41835AK
1L	----	AA41835K2

>99.7%; CH₂Cl₂; **F.W.** 84.93; CAS [75-09-2];
Melting Point: -95°C (-139°F);
Boiling Point: 39° to 40°C (102° to 104°F);
Density: 1.325g/cm³ at 20°C; **UN:** 1593; Colorless;
Solvent for anhydrous reactions, water <0.01%.

Dichloromethane Environmental Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
4 x 4L	----	AA42006M6

>99.8%; CH₂Cl₂; **FW.** 84.93; **CAS** [75-09-2];
Melting Point: -95°C (-139°F);
Boiling Point: 39° to 40°C (102° to 104°F); **Density:** 1.325g/cm³ at 20°C;
UN: 1593; Colorless
 Maximum level of impurities: Color (APHA) 10, Cl 10ppm, Halogenated residue 10ng/L heptachlorepoide. Evaporation residue 3ppm, H₂O 0.02%. Suitable for pesticide residue analysis.

Dichloromethane HPLC Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA22917K7

>99.7%; CH₂Cl₂; **FW.** 84.93; **CAS** [75-09-2];
Melting Point: -95°C (-139°F); **Boiling Point:** 39° to 40°C;
Density: 1.325g/cm³ at 20°C; **UN:** 1593; Colorless
 Filtered through 0.2µm filters. Maximum level of impurities:
 Evaporation residue 3ppm, Chlorinated pesticides 5ppt, H₂O 0.02%, Free halogens P.T.

Diethyl Ether Spectrophotometric Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
4 x 1L	----	AA40976M1
4L	----	AA40976K7

>99%; Ether, Ethyl ether; C₄H₁₀O;
FW. 74.12; **CAS** [60-29-7]; **Melting Point:** -116°C (-177°F);
Flash Point: -45°C; **Boiling Point:** 34.6°C (94°F);
Density: 0.713g/cm³ at 20°C; **UN:** 1155; Colorless;
 Solvent for UV spectrophotometric and general use.

Diethyl Ether ACS Reagent Grade

ACROS ORGANICS

Quantity	Packaging	Cat. No.
500mL	Aluminum Can	AC61508-5000
1mL	Aluminum Can	AC61508-0010
4L	Aluminum Can	AC61508-0040
20L	Steel Pail	AC61508-0200

Ether, Ethyl ether; C₄H₁₀O; (CH₃CH₂)₂O; **FW.** 74.12; **CAS** [60-29-7];
Melting Point: -116.0°C; **Flash Point:** -45°C;
Boiling Point: 34.6°C (41°F) **Density:** 0.7140g/mL; **UN:** 1155

Diethyl Ether HPLC Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA38990K2
4L	----	AA38990K7

99%; (C₂H₅)₂O; **FW.** 74.12; **CAS** [60-29-7];
Melting Point: -116°C (-177°F); **Flash Point:** -45°C;
Boiling Point: 34.6°C (41°F) **Density:** 0.713g/mL

Diethyl Ether

ACROS ORGANICS

Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC17682-0010

99.5%; Ether, Ethyl Ether; C₄H₁₀O; (CH₃CH₂)₂O; **FW.** 74.12;
CAS [60-29-7]; **Melting Point:** -116.0°C; **Flash Point:** -45°C;
Boiling Point: 34.6°C (41°F) **Density:** 0.7140g/mL; **UN:** 1155

Diethyl Ether Extra Pure

ACROS ORGANICS

Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC17683-0010
5L	Metal Drum	AC17683-0050

≥99%; Ether, Ethyl ether; C₄H₁₀O; (CH₃CH₂)₂O; **FW.** 74.12; **CAS** [60-29-7];
Melting Point: -116.0°C; **Flash Point:** -45°C;
Boiling Point: 34.6°C (41°F) **Density:** 0.7140g/mL; **UN:** 1155

Diethyl Ether Pure

ACROS ORGANICS

Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC12399-0010
5L	Metal Drum	AC12399-0050

≥99%; Ether, Ethyl ether; C₄H₁₀O; (CH₃CH₂)₂O; **FW.** 74.12; **CAS** [60-29-7];
Melting Point: -116.0°C; **Flash Point:** -45°C;
Boiling Point: 34.6°C (41°F) **Density:** 0.7140g/mL; **UN:** 1155

Dimethyl Sulfoxide

Alfa Aesar

Quantity	Packaging	Cat. No.
100mL	----	AA43998AE
4 x 100mL	----	AA439985Y
1L	----	AA43998K2

>99.8%; (CH₃)₂SO; **FW.** 78.13; **CAS** [67-68-5];
Melting Point: 18.4°C (65°F); **Flash Point:** 87°C;
Boiling Point: 189°C; **Density:** 1.101g/cm³ at 20°C; Colorless

Dimethyl Sulfoxide HPLC Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA22914K2
4 x 1L	----	AA22914M1
4L	----	AA22914K7

>99.9%; (CH₃)₂SO; **FW.** 78.13; **CAS** [67-68-5];
Melting Point: 18.4°C (65°F); **Flash Point:** 87°C;
Boiling Point: 189°C (372°F); **Density:** 1.101g/cm³; Colorless
 Maximum level of impurities: Evaporation residue 5ppm, H₂O 0.1%.

Dimethyl Sulfoxide BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002732

(CH₃)₂SO; **FW.** 78.13; **CAS** [67-68-5]; **Flash Point:** 89.00°C;
Density: 1.092g/mL at 25°C (typical)
 Meets ACS Reagent Chemical Requirements.

Dimethyl Sulfoxide Certified ACS Reagent Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	D128-500
1L	Glass Bottle	D128-1
4L	Glass Bottle	D128-4

≥99.9%; Methyl Sulfoxide, DMSO; C₂H₆OS; (CH₃)₂SO;
FW. 78.13; **CAS** [67-68-5]; **Melting Point:** 18.4°C (65°F);
Flash Point: 87°C; **Boiling Point:** 189°C; **Density:** 2.7 (Air = 1.0)



Dimethyl Sulfoxide HPLC Grade



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	D159-4

Mobile phase for HPLC applications.; 99.8% min by GC; Methyl Sulfoxide, DMSO; C₂H₆OS; (CH₃)₂SO; **F.W.** 78.13; **CAS** [67-68-5]; **Melting Point:** 18.4°C (65°F); **Flash Point:** 87°C; **Boiling Point:** 189°C; **Density:** 2.7 (Air = 1.0)
Meets ACS Reagent Chemical Requirements.



N,N-Dimethylacetamide Reagent Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	O2434-4

Acetyl Dimethylamine, Acetic Acid Dimethylamine; C₄H₉NO; CH₃CON(CH₃)₂; **F.W.** 87.12; **CAS** [127-19-5]; **Melting Point:** -20°C (-4°F); **Flash Point:** 70°C; **Boiling Point:** 165°C; **Density:** 3.02 (Air = 1.0); **DOT Class 6.1:** Poison; **UN:** 2810



Dimethyl Sulfoxide Spectranalyzed™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	D136-1

≥99.9 %; Methyl Sulfoxide, DMSO; C₂H₆OS; (CH₃)₂SO; **F.W.** 78.13; **CAS** [67-68-5]; **Melting Point:** 18.4°C (65°F); **Flash Point:** 87°C; **Boiling Point:** 189°C; **Density:** 2.7 (Air = 1.0)
Also meets ACS specifications.



N,N-Dimethylacetamide Extra Dry



Quantity	Packaging	Cat. No.
2.5L	AcroSeal™ Glass Bottle	AC39635-0025

99.5%; C₄H₉NO; CH₃CON(CH₃)₂; **F.W.** 87.12; **CAS** [127-19-5]; **Melting Point:** -20.0°C; **Flash Point:** 70°C; **Boiling Point:** 164.0° to 166.0°C; **Density:** 0.9370g/mL;

N,N-Dimethylacetamide Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle Packed in Tin Can	AC61031-1000

99.8%; C₄H₉NO; CH₃CON(CH₃)₂; **F.W.** 87.12; **CAS** [127-19-5]; **Melting Point:** -20.0°C; **Flash Point:** 70°C; **Boiling Point:** 164.0°C to 166.0°C; **Density:** 0.9370g/mL; **DOT Class 6.1:** Poison; **UN:** 2810

Dimethyl Sulfoxide ACS Grade



Quantity	Packaging	Cat. No.
1L	----	AA36480K2
4L	----	AA36480K7

99.9%; Methyl Sulfoxide; C₂H₆OS; **F.W.** 78.13; **CAS** [67-68-5]; **Melting Point:** 18.4°C (65°F); **Flash Point:** 87°C; **Boiling Point:** 189°C; **Density:** 1.101g/mL

Dimethyl Sulfoxide Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Amber Glass Bottle	AC61042-1000
1L	AcroSeal™ Amber Glass Bottle	AC61042-0010

99.7%; Methyl Sulfoxide, Dimethyl Sulfoxide, DMSO; C₂H₆OS; (CH₃)₂SO; **F.W.** 78.13; **CAS** [67-68-5]; **Melting Point:** 18.4°C (65°F); **Flash Point:** 87°C; **Boiling Point:** 189.0°C; **Density:** 2.7 (Air = 1.0)

Dimethyl Sulfoxide HPLC Grade



Quantity	Packaging	Cat. No.
250mL	----	AA42780AK

>99.9%; (CH₃)₂SO; **F.W.** 78.13; **CAS** [67-68-5]; **Melting Point:** 18.4°C (65°F); **Flash Point:** 87°C; **Boiling Point:** 189°C (372°F); **Density:** 1.101g/cm³ at 20°C; Colorless

Dimethyl Sulfoxide Spectrophotometric Grade



Quantity	Packaging	Cat. No.
1L	----	AA32434K2

>99.9%; (CH₃)₂SO; **F.W.** 78.13; **CAS** [67-68-5]; **Melting Point:** 18.4°C (65°F); **Boiling Point:** 189°C; **Density:** 1.101g/cm³ at 20°C; Colorless

N,N-Dimethylacetamide Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	D135-500

Acetyl Dimethylamine, Acetic Acid Dimethylamine; C₄H₉NO; CH₃CON(CH₃)₂; **F.W.** 87.12; **CAS** [127-19-5]; **Melting Point:** -20°C (-4°F); **Flash Point:** 70°C; **Boiling Point:** 165°C; **Density:** 3.02 (Air = 1.0); **DOT Class 6.1:** Poison; **UN:** 2810



N,N-Dimethylformamide Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC61032-1000
1L	AcroSeal™ Glass Bottle	AC61032-0010

99.8%; DMF; HCON(CH₃)₂; **F.W.** 73.09; **Melting Point:** -61.0°C; **Flash Point:** 58°C; **Boiling Point:** 153.0°C; **Density:** 0.9450g/mL; **UN:** 2265

N,N-Dimethylformamide HPLC Grade



Quantity	Packaging	Cat. No.
4L	----	AA22915K7
4 × 4L	----	AA22915M6

Liquid; >99.7%; HCON(CH₃)₂; **F.W.** 73.09; **CAS** [68-12-2]; **Melting Point:** -61°C (-78°F); **Flash Point:** 57°C; **Boiling Point:** 153°C; **Density:** 0.944g/cm³ at 20°C; **UN:** 2265; Colorless; Filtered through 0.2µm filters. Maximum level of impurities: Evaporation residue 5ppm, H₂O 0.05%

N,N-Dimethylformamide Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	D119-500
1L	Glass Bottle	D119-1
4L	Glass Bottle	D119-4
4L	Aluminum Can	D119S-4
20L	Poly Pail	D119-20
200L	Unichrome/Steel Drum	D119-200

Clear colorless liquid; $\geq 99.8\%$; DMF; C_3H_7NO ; F.W. 73.09; CAS [68-12-2]; **Melting Point:** $-61^\circ C$ ($-78^\circ F$); **Flash Point:** $58^\circ C$; **Boiling Point:** $153^\circ C$; **Density:** 2.5 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 2265



N,N-Dimethylformamide Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC61094-1000

99.8%; DMF; $HCON(CH_3)_2$; F.W. 73.09; **Melting Point:** $-61.0^\circ C$; **Flash Point:** $58^\circ C$; **Boiling Point:** $153.0^\circ C$; **Density:** 0.9450g/mL; **UN:** 2265

1,4-Dioxane Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	D111-500
4L	Glass Bottle	D111-4

$\geq 99\%$; 1,4-Diethylene Dioxide; $C_4H_8O_2$; F.W. 88.11; CAS [123-91-1]; **Melting Point:** $12^\circ C$; **Flash Point:** $12^\circ C$ ($53.6^\circ F$); **Boiling Point:** $101^\circ C$; **Density:** 1.03g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1165



N,N-Dimethylformamide Spectranalyzed™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	D131-1
4L	Glass Bottle	D131-4

$\geq 99.8\%$; DMF; C_3H_7NO ; F.W. 73.09; CAS [68-12-2]; **Melting Point:** $-61^\circ C$ ($-78^\circ F$); **Flash Point:** $58^\circ C$; **Boiling Point:** $153^\circ C$; **Density:** 2.5 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 2265
For use in the ultraviolet and infrared ranges.
Also meets ACS specifications



1,4-Dioxane HPLC Grade



Quantity	Packaging	Cat. No.
1L	----	AA43167K2

99% min; $C_4H_8O_2$; F.W. 88.11; CAS [123-91-1]; **Melting Point:** $11.8^\circ C$ ($53^\circ F$); **Flash Point:** $12^\circ C$; **Boiling Point:** 100° to $102^\circ C$; **Density:** 1.034g/mL;

N,N-Dimethylformamide



Quantity	Packaging	Cat. No.
1L	----	AA43997K2
4 x 1L	----	AA43997M1

99.8%; $HCON(CH_3)_2$; F.W. 73.09; CAS [68-12-2]; **Melting Point:** $-61^\circ C$ ($-78^\circ F$); **Flash Point:** $57^\circ C$; **Boiling Point:** $153^\circ C$; **Density:** 0.944g/cm³ at $20^\circ C$; **UN:** 2265; Colorless

N,N-Dimethylformamide HPLC Grade



Quantity	Packaging	Cat. No.
1L	----	AA41859K2

$>99.7\%$; $HCON(CH_3)_2$; F.W. 73.09; CAS [68-12-2]; **Melting Point:** $-61^\circ C$ ($-78^\circ F$); **Flash Point:** $57^\circ C$; **Boiling Point:** $153^\circ C$ ($307^\circ F$); **Density:** 0.944g/cm³ at $20^\circ C$; **UN:** 2265; Colorless

N,N-Dimethylformamide HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC27960-0010
2.5L	Glass Bottle	AC27960-0025
4L	Glass Bottle	AC27960-0040

99.5%; DMF; C_3H_7NO ; $HCON(CH_3)_2$; F.W. 73.09; CAS [68-12-2]; **Melting Point:** $-61.0^\circ C$; **Flash Point:** $58^\circ C$; **Boiling Point:** $153.0^\circ C$; **Density:** 0.9450g/mL; **UN:** 2265

N,N-Dimethylformamide Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC34843-1000
1L	AcroSeal™ Glass Bottle	AC34843-0010
2.5L	AcroSeal™ Glass Bottle	AC34843-0025

99.8%; DMF; C_3H_7NO ; $HCON(CH_3)_2$; F.W. 73.09; CAS [68-12-2]; **Melting Point:** $-61.0^\circ C$; **Flash Point:** $58^\circ C$; **Boiling Point:** $153.0^\circ C$; **Density:** 0.9450g/mL; **UN:** 2265

1,4-Dioxane HPLC Grade



Quantity	Packaging	Cat. No.
4L	----	AA22913K7

99% min.; $C_4H_8O_2$; F.W. 88.11; CAS [123-91-1]; **Melting Point:** $11.8^\circ C$ ($53^\circ F$); **Flash Point:** $12^\circ C$ ($53.6^\circ F$); **Boiling Point:** 100° to $102^\circ C$ (212° to $216^\circ F$); **Density:** 1.034g/cm³ at $20^\circ C$; **UN:** 1165; Colorless; May cause respiratory irritation. Filtered through 0.2 μm filters. Maximum level of impurities: Evaporation residue 5ppm, H₂O 0.03%

1,4-Dioxane Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle Packed in Tin Can	AC61512-1000
1L	AcroSeal™ Glass Bottle Packed in Tin Can	AC61512-0010

99%; Diox; $C_4H_8O_2$; F.W. 88.11; CAS [123-91-1]; **Melting Point:** $12^\circ C$; **Flash Point:** $12^\circ C$ ($53.6^\circ F$); **Boiling Point:** $101.0^\circ C$; **Density:** 1.0340g/mL

1,4-Dioxane Biochemical Grade



Quantity	Packaging	Cat. No.
1L	AcroSeal™ Glass Bottle	AC44706-0010
2.5L	AcroSeal™ Glass Bottle	AC44706-0025

99%; Diox; $C_4H_8O_2$; F.W. 88.11; CAS [123-91-1]; **Melting Point:** $12.0^\circ C$; **Flash Point:** $12^\circ C$; **Boiling Point:** $101.0^\circ C$; **Density:** 1.0340g/mL

1,4-Dioxane Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC36434-1000
1L	AcroSeal™ Glass Bottle	AC36434-0010

99.5%; Diox; $C_4H_8O_2$; F.W. 88.11; CAS [123-91-1]; **Melting Point:** $12.0^\circ C$; **Flash Point:** $12^\circ C$; **Boiling Point:** $101.0^\circ C$; **Density:** 1.0340g/mL; **UN:** 1165

1,4-Dioxane

Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC32689-1000
1L	AcroSeal™ Glass Bottle	AC32689-0010

99.8%; Diox; C₄H₈O₂; **FW**: 88.11; CAS [123-91-1]; **Melting Point**: 12.0°C; **Flash Point**: 12°C; **Boiling Point**: 101.0°C; **Density**: 1.0340g/mL; **UN**: 1165

1,4-Dioxane, Anhydrous

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA43821K2

Clear colorless liquid; 99.8%; C₄H₈O₂; **FW**: 88.11; CAS [123-91-1]; **Melting Point**: 11.8°C (53°F); **Flash Point**: 12°C (53.6°F); **Boiling Point**: 100° to 102°C (212° to 216°F); **Density**: 1.034g/cm³ at 20°C; **UN**: 1165; Colorless

Ethanol



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC61510-1000

99.5%; C₂H₆O; CH₃CH₂OH; **FW**: 46.07; CAS [64-17-5, 7732-18-5]; **Melting Point**: -114.0°C; **Flash Point**: 12°C; **Boiling Point**: 78.0°C; **Density**: 0.7900g/mL

Ethanol

For HPLC



Quantity	Packaging	Cat. No.
4L	EcoSafPak	AC61105-0040

C₂H₆O; C₂H₅OH; **FW**: 46.06; CAS [64-17-5, 67-56-1, 67-63-0]; **Melting Point**: -114.0°C; **Flash Point**: 12.8°C (55°F); **Boiling Point**: 78.0°C; **Density**: 1.24 (Air=1.0); **UN**: 1170

Ethanol

HPLC Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA22930K7
4 x 4L	----	AA22930M6

90%; C₂H₆O; **FW**: 46.08; CAS [64-17-5]; **Melting Point**: -90°C (-130°F); **Boiling Point**: 78°C; **Density**: 0.789g/cm³ at 20°C; **UN**: 1987; Colorless

Ethanol

Spectrophotometric Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA22931K7

90%; C₂H₆O; **FW**: 46.08; CAS [64-17-5]; **Melting Point**: -90°C (-130°F); **Flash Point**: 11°C; **Boiling Point**: 78°C; **Density**: 0.789g/mL

Ethanol, Alcohol Reagent, Anhydrous, Denatured

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA33361K2

94-96%; C₂H₆O; **FW**: 46.08; CAS [64-17-5]; **Melting Point**: -90°C (-130°F); **Flash Point**: 11°C; **Boiling Point**: 78°C; **Density**: 0.789g/mL; For ACS analysis; Begins to lose water at 60°C, anhydrous at 100°C

Ethanol, Alcohol Reagent, Anhydrous

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA33361K7

94 to 96%; C₂H₆O; **FW**: 46.08; CAS [64-17-5]; **Melting Point**: -90°C (-130°F); **Flash Point**: 11°C (52°F); **Boiling Point**: 78°C; **Density**: 0.789g/mL; For ACS analysis.

Ethanol, Denatured



Quantity	Packaging	Cat. No.
4 x 1 gal.	Plastic Bottle	04355260

Ethyl Alcohol; CAS [64-17-5, 67-56-1]; **Flash Point**: 11°C (52°F); **Boiling Point**: 147°F; **Density**: 6.61 lb./gal.

Ethanol, Denatured

Spectrophotometric Grade

Afa Aesar

Quantity	Packaging	Cat. No.
1L	Resealable ChemSeal™ Bottles	AA44014K2

90%; C₂H₆O; **FW**: 46.08; CAS [64-17-5, 67-56-1, 67-63-0]; **Melting Point**: -90°C (-130°F); **Flash Point**: 11°C; **Boiling Point**: 78°C (172°F); **Density**: 0.789g/cm³; **UN**: 1987; Colorless
Packaged under Argon in Resealable ChemSeal™ bottles.
Hygroscopic

Ethanol, 140 Proof (70%)



Quantity	Packaging	Cat. No.
55 gal.	Metal Drum	04355175

Ethyl Alcohol; CAS [64-17-5, 7732-18-5 (Purified water)]; **Melting Point**: -114°C (-173°F); **Boiling Point**: 78.3°C (173°F); **Density**: 7.109; **UN**: 1170; 140 Proof (70%)
May require a federal tax exempt certificate.

Ethanol, 140 Proof (70%), Tax Paid



Quantity	Packaging	Cat. No.
4 x 1 gal.	Plastic Bottle	07678001

Ethyl Alcohol; CAS [64-17-5 (ethanol), 7732-18-5 (purified water)]; **Melting Point**: -114°C (-173°F); **Boiling Point**: 78.3°C (173°F); **Density**: 7.109; **UN**: 1170; **Recommended Storage**: 140 Proof (70%); Federal Tax is included in the price.

Ethanol, 70% Solution

Molecular Biology Grade



Quantity	Packaging	Cat. No.
500mL	----	BP8201-500
1L	Amber Glass Bottle	BP8201-1
4L	Amber Glass Bottle	BP8201-4

70% Ethyl Alcohol Solution; CAS [64-17-5, 7732-18-5]; RNase, DNase, and Protease tested to verify absence of hydrolytic enzymes. Combine this blend with commercial "mini-prep" kits or traditional extraction methods with organic solvents
ACS grade Absolute Ethanol used in preparation of solution

Ethanol, 70% Solution, Denatured

Molecular Biology Grade



Quantity	Packaging	Cat. No.
1 gal.	Poly Bottle	BP8203-1GAL

Liquid; 70% Denatured Ethyl Alcohol Solution; CAS [64-17-5, 67-56-1, 67-63-0, 7732-18-5]
This denatured ethanol solution is also an ideal solution for histological applications.
RNase, DNase, and Protease tested to verify absence of hydrolytic enzymes.

Ethanol, 190 Proof (95%), Tax Paid



Quantity	Packaging	Cat. No.
0.125 gal.	Plastic Bottle	04355453
1 gal.	Plastic Bottle	04355454
4 × 1 gal.	Glass Bottle	04355723
5 gal.	Plastic Bottle	04355455
55 gal.	Drum	04355457

Ethyl Alcohol; CAS [64-17-5, 7732-18-5 (purified water)];
Melting Point: -114°C (-173°F); **Boiling Point:** 78.3°C (173°F);
Density: 6.72; **UN:** 1170; 190 Proof (95%);
 Federal Tax is included in the price, except for product 04355457,
 for which the tax is charged as a separate item. No federal permit
 required for purchase.

Ethanol, 190 Proof (95%)

USP/NF/FCC/EP/BP/JP



Quantity	Packaging	Cat. No.
5 gal.	Cubitainer™ with Spigot Closure	22032600

Ethyl Alcohol; CAS [64-17-5, 7732-18-5 (purified water)];
Melting Point: -113.9°C (-173°F); **Boiling Point:** 78.3°C (173°F);
Density: 6.72; **UN:** 1170; 190 Proof (95%);
 May require a federal tax exempt certificate.

Ethanol, 95%

Spectrophotometric Grade



Quantity	Packaging	Cat. No.
1L	EcoSafPak	AC61511-0010
4L	EcoSafPak	AC61511-0040

95%; C₂H₆O; C₂H₅OH; **FW:** 46.06; CAS [64-17-5, 7732-18-5];
Melting Point: -114°C (-173°F); **Flash Point:** 17°C (62.6°F);
Boiling Point: 78°C (760mm Hg); **Density:** 1.59 (Air = 1.0)

Ethanol, 96% Solution

Molecular Biology Grade



Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	BP8202-500
1L	Amber Glass Bottle	BP8202-1
4L	Amber Glass Bottle	BP8202-4

96% Ethyl Alcohol Solution; CAS [64-17-5, 7732-18-5];
 RNase, DNase, and Protease tested to verify absence of hydrolytic
 enzymes
 Combine this blend with commercial "mini-prep" kits or traditional
 extraction methods with organic solvents
 ACS grade Absolute Ethanol used in preparation of solution

Ethanol, 99.5%

ACS Reagent Grade



Quantity	Packaging	Cat. No.
2L	EcoSafPak	AC61509-0020
4L	EcoSafPak	AC61509-0040

99.5%; C₂H₆O; CH₃CH₂OH; **FW:** 46.07; CAS [64-17-5, 7732-18-5];
Melting Point: -114.0°C; **Flash Point:** 12°C; **Boiling Point:** 78.0°C;
Density: 0.7900g/mL; **UN:** 1170

Ethanol, 200 Proof (100%), Tax Paid



Quantity	Packaging	Cat. No.
0.125 gal.	Glass Bottle	07678007
24 × 0.125 gal.	Glass Bottle	07678006
24 × 0.125 gal.	Plastic Bottle	04355450
4 × 1 gal.	Glass Bottle	04355721
4 × 1 gal.	Plastic Bottle	04355451
5 gal.	Plastic Bottle	04355452
55 gal.	Drum	04355456

Ethyl Alcohol; CAS [64-17-5]; **Melting Point:** -114°C (-173°F);
Boiling Point: 78.3°C (173°F); **Density:** 6.62; **UN:** 1170; 200 Proof (100%)
 Federal Tax is included in the price, except for product 04355456,
 for which the tax is charged as a separate item. No federal permit
 required for purchase.

Ethanol, 200 Proof (100%)

USP/NF/FCC/EP/BP/JP



Quantity	Packaging	Cat. No.
24 × 0.125 gal.	Plastic Bottle	04355222
4 × 1 gal.	Plastic Bottle	04355223
5 gal.	Poly Bottle	04355224
5 gal.	Cubitainer™ with Spigot	22032601
55 gal.	Poly Drum	04355600

Ethyl Alcohol; CAS [64-17-5]; **Melting Point:** -114°C (-173°F);
Boiling Point: 78.3°C (173°F); **Density:** 6.62; **UN:** 1170;
 200 Proof (100%);
 May require a federal tax exempt certificate.

Ethanol, Anhydrous

Histological Grade



Quantity	Packaging	Cat. No.
1 gal.	Poly Bottle	A405F-1GAL
4L	Poly Bottle	A405P-4
20L	Lined Steel Drum	A405-20

Ethyl Alcohol Denatured, Ethanol, Denatured;
 CAS [64-17-5, 108-10-1, 141-78-6, 67-56-1, 108-88-3];
Flash Point: 12°C; **Boiling Point:** 77.11°C (170.8°F);
Density: 0.79g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1170;
 Used in histology, pathology, and cell biology applications.



Ethanol, CDA 19

Histological Grade



Quantity	Packaging	Cat. No.
1 gal.	Poly Bottle	A406F-1GAL
4L	Poly Bottle	A406P-4
20L	Lined Steel Drum	A406-20

Ethyl Alcohol Denatured;
 CAS [64-17-5, 108-10-1, 108-88-3, 110-54-3, 7732-18-5];
Melting Point: <-85°C; **Flash Point:** 16.6°C (61.8°F);
Boiling Point: 79°C; **Density:** 1.6 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1170



Ethanol, CDA 19-1, 190 Proof



Quantity	Packaging	Cat. No.
55 gal.	Poly Drum	16100768

C₂H₆O; **FW:** 46.07; CAS [64-17-5, 7732-18-5, 108-10-1, 8008-20-6];
Melting Point: -114°C (-173°F); **Flash Point:** 17°C (62°F);
Boiling Point: 80°C (176°F); **Density:** 6.7 lb./gal.; **UN:** 1987;
 Completely Denatured Alcohol 19-1, 190 Proof, Ethanol denatured
 with MIBK and Kerosene.
 Applications include production of cleaning products, paint
 thinners, and brake fluid

Ethanol, CDA 19-5, 190 Proof



Quantity	Packaging	Cat. No.
4L	Glass Bottle	16100777
5 gal.	Poly Pail	16100778

C₂H₆O; **FW.** 46.07; CAS [64-17-5, 7732-18-5, 108-10-1, 64742-89-8];
Melting Point: -114°C (-173°F); **Flash Point:** 17°C (62°F);
Boiling Point: 78°C (173°F); **Density:** 6.79 lb./gal.; **UN:** 1987;
 190 Proof, Ethanol denatured with MIBK and Rubber Hydrocarbon Solvent. Applications include production of cleaning products, paint thinners, and brake fluid

Ethanol, Reagent Alcohol, 140 Proof



Quantity	Packaging	Cat. No.
1 gal.	Fluorinated Poly Bottle	16100851

C₂H₆O; **FW.** 46.07; CAS [64-17-5, 7732-18-5, 67-63-0, 67-56-1];
Melting Point: -114°C (-173°F); **Flash Point:** 22°C (71.6°F);
Boiling Point: 78°C (173°F); **Density:** 0.785g/mL at 25°C (77°F);
UN: 1987
 General purpose organic solvent

Ethanol, Reagent Alcohol, 160 Proof



Quantity	Packaging	Cat. No.
1 gal.	Fluorinated Poly Bottle	16100844

Denatured Alcohol, Denatured C₂H₆O; **FW.** 46.07;
 CAS [64-17-5, 7732-18-5, 67-63-0, 67-56-1];
Melting Point: -114°C (-173°F); **Flash Point:** 20°C (68°F);
Boiling Point: 78°C (173°F); **Density:** 0.785g/mL at 25°C (77°F);
UN: 1987
 General purpose organic solvent

Ethanol, Reagent Alcohol, 190 Proof



Quantity	Packaging	Cat. No.
1 gal.	Fluorinated Poly Bottle	16100835

Colorless Liquid, Invisible Vapor; Denatured Alcohol, Denatured Ethanol, Reagent Alcohol; C₂H₆O; **FW.** 46.07;
 CAS [64-17-5, 7732-18-5, 67-63-0, 67-56-1];
Melting Point: -114°C (-173°F); **Flash Point:** 16°C (60.8°F);
Boiling Point: 78°C (173°F); **Density:** 0.785g/mL at 25°C (77°F);
UN: 1987
 General purpose organic solvent

Ethanol, Reagent Alcohol, 200 Proof



Quantity	Packaging	Cat. No.
1 gal.	Fluorinated Poly Bottle	16100824
4L	Glass Bottle	16100825
4L	Poly Coated Glass Bottle	16100826
55 gal.	Poly Drum	16100831

Denatured Alcohol, Denatured Ethanol, Reagent Alcohol; C₂H₆O;
FW. 46.07; CAS [64-17-5, 67-63-0, 67-56-1];
Melting Point: -114°C (-173°F); **Flash Point:** 14°C (57°F);
Boiling Point: 78°C (173°F); **Density:** 0.785g/mL at 25°C (77°F);
UN: 1987
 General purpose organic solvent

Ethanol, SDA 2B-3, 200 Proof



Quantity	Packaging	Cat. No.
1 gal.	Fluorinated Poly Bottle	16100320

Denatured Alcohol 2B-3, Denatured Ethanol, SDA 2B-3; C₂H₆O;
FW. 46.07; CAS [64-17-15, 108-88-3]; **Melting Point:** >-90°C (>-130°F);
Flash Point: 13°C (55°F); **Boiling Point:** 78.5°C (173.3°F);
Density: 6.61 lb./gal. at 15.56°C (60°F); **UN:** 1987;
 Applications including pharmaceutical and biotech processes, cosmetic, food, flavor, and fragrance industries

Ethanol, SDA 3A, 190 Proof



Quantity	Packaging	Cat. No.
5 gal.	Poly Pail	16100344
55 gal.	Metal Drum	16100347

Denatured Alcohol 3A, Denatured Ethanol, SDA 3A, 190; C₂H₆O;
FW. 46.07; CAS [64-17-15, 7732-18-5, 67-56-1];
Melting Point: -114°C (-173°F); **Flash Point:** 16°C (60.8°F);
Boiling Point: 78°C (173°F); **Density:** 7.04 lb./gal. at 15.56°C (60°F);
UN: 1987
 Applications including pharmaceutical and biotech processes, cosmetic, food, flavor, and fragrance industries

Ethanol, SDA 3A, 200 Proof



Quantity	Packaging	Cat. No.
1 gal.	Fluorinated Poly Bottle	16100236
5 gal.	Poly Pail	16100238

Denatured Alcohol 3A, Denatured Ethanol, SDA 3A, 200; C₂H₆O;
FW. 46.07 CAS [64-17-15, 67-56-1]; **Melting Point:** -114°C (-173°F);
Flash Point: 14°C (57°F); **Boiling Point:** 78°C (173°F);
Density: 6.61 lb./gal. at 15.56°C (60°F); **UN:** 1987
 Applications including pharmaceutical and biotech processes, cosmetic, food, flavor, and fragrance industries

Ethanol, SDA 3C, 200 Proof



Quantity	Packaging	Cat. No.
5 gal.	Poly Pail	16100262

Denatured Alcohol 3C, Denatured Ethanol, SDA 3C, 200;
 C₂H₆O; **FW.** 46.07 CAS [64-17-15, 67-63-0];
Melting Point: -100°C (-148°F); **Flash Point:** 14°C (57°F);
Boiling Point: 80°C (176°F);
Density: 6.86 lb./gal. at 15.56°C (60°F); **UN:** 1987
 Applications including pharmaceutical and biotech processes, cosmetic, food, flavor, and fragrance industries

Ethanol, SDA 23A, 190 Proof



Quantity	Packaging	Cat. No.
55 gal.	Metal Drum	16100295

Denatured Alcohol 23A, Denatured Ethanol, SDA 23A, 190; C₂H₆O;
FW. 46.07; CAS [64-17-15, 7732-18-5, 67-64-1];
Melting Point: >-100°C (>-148°F); **Flash Point:** 7°C (45°F);
Boiling Point: 80°C (176°F); **Density:** 0.785g/mL at 25°C (77°F);
UN: 1987
 Applications including pharmaceutical and biotech processes, cosmetic, food, flavor, and fragrance industries

Ethanol, SDA 30, 190 Proof



Quantity	Packaging	Cat. No.
4L	Glass Bottle	16100621
5 gal.	Poly Pail	16100622
5 gal.	Metal Pail	16100623

Denatured Alcohol 30, Denatured ethanol, Ethanol denatured with methanol; C₂H₆O; **FW**: 46.07; CAS [64-17-5, 7732-18-5, 67-65-1]; **Melting Point**: -114°C (-173°F); **Flash Point**: 16°C (60.8°F); **Boiling Point**: 78°C (173°F); **Density**: 6.785 lb./gal. at 15.56°C (60°F); **UN**: 1987
Applications including pharmaceutical and biotech processes, cosmetic, food, flavor, and fragrance industries

Ethanol, SDA 40/40-2, 200 Proof



Quantity	Packaging	Cat. No.
5 gal.	Poly Pail	16100544

Denatured Alcohol 40, SDA 40-2, 200, Ethanol denatured with tert-butyl alcohol and brucine sulfate; C₂H₆O; **FW**: 46.07; CAS [64-17-5, 75-65-0, 4845-99-2]; **Melting Point**: -114°C (-173°F); **Flash Point**: 14°C (57°F); **Boiling Point**: 78.3°C (172.9°F); **Density**: 0.785g/mL at 25°C (77°F); **UN**: 1987
Solvent use, perfume, personal care, and fragrance use

Ethanol, SDA 40B, 190 Proof



Quantity	Packaging	Cat. No.
55 gal.	Metal Drum	16100565

Denatured Alcohol 40B, Denatured ethanol, Ethanol denatured with tert-butyl alcohol and denatonium benzoate; C₂H₆O; **FW**: 46.07; CAS [64-17-5, 7732-18-5, 75-65-0, 3734-33-6]; **Melting Point**: > -59°C (> -75°F); **Flash Point**: 17°C (62°F); **Boiling Point**: 78.3°C (172.9°F); **Density**: 6.80 lb./gal. at 15.56°C (60°F); **UN**: 1987
Solvent use, perfume, personal care, and fragrance use

Ethanol, SIC-2, 190 Proof



Quantity	Packaging	Cat. No.
1 gal.	Fluorinated Poly Bottle	16101019

Denatured Ethanol, Ethanol denatured with Isopropyl Alcohol and Methyl Isobutyl Ketone, Special Industrial Solvent Formula C-2, 190 Proof; C₂H₆O; **FW**: 46.07; CAS [64-17-5, 7732-18-5, 67-63-0, 108-10-1]; **Melting Point**: -114°C (-173°F); **Flash Point**: 17°C (62°F); **Boiling Point**: 80°C (176°F); **UN**: 1987
Applications include industrial and manufacturing processes

Ethanol, SIS Formula A-2, 190 Proof CP



Quantity	Packaging	Cat. No.
55 gal.	Metal Drum	16101157

Denatured Ethanol, Ethanol denatured with Methanol & MIBK; C₂H₆O; **FW**: 46.07; CAS [64-17-5, 7732-18-5, 67-56-1, 108-10-1]; **Melting Point**: -114°C (-173°F); **Flash Point**: 17°C (62°F); **Boiling Point**: 80°C (176°F); **UN**: 1987
Applications include industrial and manufacturing processes. Special Industrial Solvent Formula A-2, 190 proof.

Ether, Anhydrous

ULTRA RESI-ANALYZED™



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002807

99.0% min.; (C₂H₅)₂O; **FW**: 74.12; CAS [60-29-7]; **Flash Point**: -45°C

Ether

HPLC Grade



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002818
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02002819

(C₂H₅)₂O; **FW**: 74.12; CAS [60-29-7]; **Flash Point**: -45.00°C; Meets USP Requirements.

Ether, Anhydrous

BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
1L	Aluminum Bottle	02002814
4L	Narrow Mouth Amber Glass Bottle	02002821
20L	Steel Pail	02002816

Min. 99.0%; CAS [60-29-7]; **Flash Point**: -45°C; **Density**: 0.7079g/mL; Contains BHT as a Preservative; Meets USP Requirements.

Ethyl Acetate

ULTRA RESI-ANALYZED™



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002828
4L	Narrow Mouth Amber Glass Bottle	02002833

CH₃COOC₂H₅; **FW**: 88.11; CAS [141-78-6]; **Flash Point**: -4.00°C

Ethyl Acetate

BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
20L	Steel Pail	02002832

CH₃COOC₂H₅; **FW**: 88.11; CAS [141-78-6]; **Flash Point**: -4.00°C

Ethyl Acetate

HPLC Grade



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002830
4L	Narrow Mouth Amber Glass Bottle	02002837
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02002838

CH₃COOC₂H₅; **FW**: 88.11; CAS [141-78-6]; **Flash Point**: -4.00°C

Ethyl Acetate

BAKER ANALYZED™ LC-MS Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002840

CH₃COOC₂H₅; **FW**: 88.11; CAS [141-78-6]; **Flash Point**: -4.00°C; Filtered through a 0.2 micron filter

Ethyl Acetate

Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	E145-500
1L	Glass Bottle	E145-1
4L	Glass Bottle	E145-4
4L	Glass Bottle, Safe-Cote™	E145SK-4
20L	Steel Pail	E145-20
200L	Steel Drum	E145-200

≥99.5%; Acetic Acid Ethyl Ester; C₄H₈O₂; **FW**: 88.11; CAS [141-78-6]; **Melting Point**: -83°C (-117.4°F); **Flash Point**: -4°C (+25°F); **Boiling Point**: 75° to 78°C (167° to 171.5°F); **Density**: 3.04 (Air = 1.0); **DOT Class 3**: Flammable Liquid; **UN**: 1173
Meets or exceeds the latest ACS specifications. Actual lot analysis on label.



Ethyl Acetate

HPLC Grade

F

Quantity	Packaging	Cat. No.
1L	Glass Bottle	E195-1
1L	Glass Bottle, Safe-Cote™	E195SK-1
4L	Glass Bottle	E195-4
4L	Glass Bottle, Safe-Cote™	E195SK-4

99.9% min by GC; EtOAc, Acetic Acid Ethyl Ester; C₄H₈O₂; CH₃COOC₂H₅; F.W. 88.11; CAS [141-78-6];

Melting Point: -83°C (-117.4°F);

Flash Point: -4°C (+25°F);

Boiling Point: 75° to 78°C (167° to 171.5°F); **Density:** 3.04 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1173

HPLC mobile phase for analytical and preparative separations.

High UV transmittance and low evaporation residue.

Filtered through a sub-micron filter to remove particulates.

This product also meets ACS specifications.



Ethyl Acetate

World/GMP, ACS/USP/NF/BP/EP Grade



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	16101418

Acetic Acid Ethyl Ester, Ethyl Ethanoate, Ethyl Acetic Ester; C₄H₈O₂;

F.W. 88.1; CAS [141-78-6]; **Melting Point:** -84°C (-119°F);

Flash Point: -4°C (+25°F); **Boiling Point:** 77°C (171°F);

Density: 0.902g/mL at 25°C (77°F); **UN:** 1173; Colorless, Clear;

General solvent use.

Ethyl Acetate

HPLC Grade



Quantity	Packaging	Cat. No.
4L	EcoSafPak	AC61006-0040

99.9%; Acetic Acid Ethyl Ester; C₄H₈O₂; CH₃CO₂C₂H₅; F.W. 88.11;

CAS [141-78-6]; **Melting Point:** -83.5°C; **Flash Point:** -4°C (+25°F);

Boiling Point: 75.0°C to 78.0°C; **Density:** 0.9020g/mL; **UN:** 1173

Ethyl Acetate

USP/NF/FCC/EP/BP/JP

F

Quantity	Packaging	Cat. No.
4L	Glass Bottle	E124-4
20L	Steel Pail	E124-20

99.0 to 100.5%; Acetic Acid Ethyl Ester; C₄H₈O₂;

CH₃COOC₂H₅; F.W. 88.11; CAS [141-78-6];

Melting Point: -83°C (-117.4°F);

Flash Point: -4°C (+25°F);

Boiling Point: 75° to 78°C (167° to 171.5°F); **Density:** 3.04 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1173



Ethyl Acetate Ethanol Solution, (3:1)

Optima™

F

Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	E151-1
4L	Amber Glass Bottle	E151-4

Ethyl Ethanoate, Ethyl Alcohol Solution (3:1);

CAS [141-78-6, 64-17-5]



Ethyl Acetate

Optima™

F

Quantity	Packaging	Cat. No.
4L	Glass Bottle	E196-4

99.9% min by GC; Acetic Acid Ethyl Ester; C₄H₈O₂;

CH₃COOC₂H₅; F.W. 88.11; CAS [141-78-6];

Melting Point: -83°C (-117.4°F);

Flash Point: -4°C (+25°F);

Boiling Point: 75° to 78°C (167° to 171.5°F); **Density:** 3.04 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1173

High purity and versatile solvent for pesticide residue analysis.

High UV transmittance and low evaporation residue.

Filtered through a sub-micron filter to remove particulates. Packaged under nitrogen. This product also meets ACS specifications.



Ethyl Alcohol, Denatured

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A407-500
1L	Glass Bottle	A407-1
4L	Glass Bottle	A407-4
4L	Glass Bottle/Safe-Cote™	A407SK-4
4L	Poly Bottle	A407P-4
4L	Aluminum Can	A407S-4
20L	Lined Steel Drum	A407-20
200L	Lined Steel Drum	A407-200

Ethanol, Denatured; CAS [64-17-5];

Flash Point: 13.9°C (57°F);

DOT Class 3: Flammable Liquid; **UN:** 1170

Proprietary Solvent; Soluble in water;

Formulation: Ethyl Alcohol (100 parts); Ethyl Acetate (1 part);

Methyl iso-Butyl Ketone (1 part); Aviation Gasoline (1 part)



Ethyl Acetate

Pesticide Grade

F

Quantity	Packaging	Cat. No.
4L	Glass Bottle	E191-4

Acetic Acid Ethyl Ester; C₄H₈O₂; CH₃COOC₂H₅;

F.W. 88.11; CAS [141-78-6];

Melting Point: -83°C (-117.4°F);

Flash Point: -4°C (+25°F);

Boiling Point: 75° to 78°C (167° to 171.5°F)



Ethyl Acetate

Spectranalyzed™

F

Quantity	Packaging	Cat. No.
4L	Glass Bottle	E189-4

≥99.5%; Acetic Acid Ethyl Ester; C₄H₈O₂;

CH₃COOC₂H₅; F.W. 88.11; CAS [141-78-6];

Melting Point: -83°C (-117.4°F);

Flash Point: -4°C (+25°F);

Boiling Point: 75° to 78°C (167° to 171.5°F); **Density:** 3.04 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1173

For use in the ultraviolet and infrared ranges.

Also meets ACS specifications.



Ethyl Ether

Laboratory Grade

F

Quantity	Packaging	Cat. No.
4L	Aluminum Can	E492-4
20L	Steel Pail	E492-20

Ethyl Oxide, Diethyl Ether; C₄H₁₀O; C₂H₅OC₂H₅;

F.W. 74.12; CAS [60-29-7]; **Melting Point:** -116.3°C;

Flash Point: -45°C;

Boiling Point: 34.6°C (41°F) **Density:** 2.55 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1155; Suitable for fat extraction.



Ethyl Ether Laboratory Grade



Quantity	Packaging	Cat. No.
1L	Aluminum Can	E134-1
4L	Aluminum Can	E134-4
20L	Steel Pail	E134-20

Ethyl Oxide; C₄H₁₀O; C₂H₅OC₂H₅; **F.W.** 74.12; **CAS** [60-29-7]; **Melting Point:** -116.3°C; **Flash Point:** -45°C; **Boiling Point:** 34.6°C (41°F) **Density:** 2.55 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1155



Ethyl Ether Pesticide Grade



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	E199-4

≥99.5%; Ethyl Oxide, Diethyl Ether; C₄H₁₀O; C₂H₅OC₂H₅; **F.W.** 74.12; **CAS** [60-29-7, 64-17-5]; **Melting Point:** -116°C (-177°F); **Flash Point:** -45°C; **Boiling Point:** 34.6°C (41°F) **Density:** 2.55 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1155
For pesticide residue analysis by GC-ECD. Suitable for sample prep prior to GC-ECD for environmental applications.



Ethyl Ether Spectranalyzed™



Quantity	Packaging	Cat. No.
1L	Tin Can	E197-1
4L	Tin Can	E197-4

≥99%; Ethyl Oxide, Diethyl Ether; C₄H₁₀O; C₂H₅OC₂H₅; **F.W.** 74.12; **CAS** [60-29-7, 64-17-5]; **Melting Point:** -116°C (-177°F); **Flash Point:** -45°C; **Boiling Point:** 34.6°C (41°F) **Density:** 2.55 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1155
Suitable for use in the ultraviolet range.



Ethyl Ether, Anhydrous Certified ACS



Quantity	Packaging	Cat. No.
500mL	Aluminum Can	E138-500
1L	Aluminum Can	E138-1
4L	Aluminum Can	E138-4
20L	Steel Pail	E138-20

≥99%; Ethyl Oxide, Diethyl Ether; C₄H₁₀O; C₂H₅OC₂H₅; **F.W.** 74.12; **CAS** [60-29-7]; **Melting Point:** -116.3°C; **Flash Point:** -45°C; **Boiling Point:** 34.6°C (41°F) **Density:** 2.55 (Air = 1.0); **DOT Class 3:** Flammable **UN:** 1155
Stabilized with BHT as preservative. Meets or exceeds the latest ACS specifications. Actual lot analysis on label.



Ethyl Ether, Anhydrous HPLC Grade



Quantity	Packaging	Cat. No.
4L	Tin Can	E198-4

99.0% min by GC; Diethyl Ether, Ethyl Oxide; C₄H₁₀O; C₂H₅OC₂H₅; **F.W.** 74.12; **CAS** [60-29-7, 64-17-5]; **Melting Point:** -116°C (-177°F); **Flash Point:** -45°C; **Boiling Point:** 34.6°C (41°F) **Density:** 2.55 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1155
HPLC mobile phase for analytical and preparative separations. High UV transmittance and low evaporation residue. Stabilized with ca. 2% ethanol.



Ethylene Glycol BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002846

HOCH₂CH₂OH; **F.W.** 62.07; **CAS** [107-21-1]; **Flash Point:** 111.00°C

Ethylene Glycol Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	E178-500
1L	Glass Bottle	E178-1
4L	Glass Bottle	E178-4
200L	Lined Steel Drum	E178-200

1,2-Ethanediol; C₂H₆O₂; HOCH₂CH₂OH; **F.W.** 62.07; **CAS** [107-21-1]; **Melting Point:** -13°C; **Flash Point:** 116°C (41°F) **Boiling Point:** 197°C; **Density:** 2.14 (Air = 1.0)
Purity is guaranteed to meet published maximum limits of impurities.



Ethylene Glycol Laboratory Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	E177-4
20L	Lined Steel Drum	E177-20

1,2-Ethanediol; C₂H₆O₂; HOCH₂CH₂OH; **F.W.** 62.07; **CAS** [107-21-1]; **Melting Point:** -13°C; **Flash Point:** 116°C (41°F) **Boiling Point:** 197°C; **Density:** 2.14 (Air = 1.0)



Ethylene Glycol Extra Pure



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC14675-0010
2.5L	Glass Bottle	AC14675-0025
25L	Plastic Jerrycan	AC14675-0250

99+%; 1,2-Ethanediol, Monoethylene glycol; C₂H₆O₂; HOCH₂CH₂OH; **F.W.** 62.06; **Melting Point:** -13.0°C; **Flash Point:** 116°C (41°F) **Boiling Point:** 196.0° to 198.0°C; **Density:** 1.1130g/mL

Ethylene Glycol Technical Grade



Quantity	Packaging	Cat. No.
5L	Plastic Drum	AC44423-0050

1,2-Ethanediol, Monoethylene glycol; C₂H₆O₂; HOCH₂CH₂OH; **F.W.** 62.06; **CAS** [107-21-1]; **Melting Point:** -13.0°C; **Flash Point:** 116°C (41°F) **Boiling Point:** 196.0° to 198.0°C; **Density:** 1.1130g/mL

Ethylene Glycol Dimethyl Ether Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC44298-1000
1L	AcroSeal™ Glass Bottle	AC44298-0010

99.5%; 1,2-Dimethoxyethane, Monoglyme; C₄H₁₀O₂; CH₃OCH₂CH₂OCH₃; **F.W.** 90.12; **CAS** [110-71-4, 128-37-0]; **Melting Point:** -69.0°C; **Flash Point:** -6°C (41°F) **Boiling Point:** 84.0° to 86.0°C; **Density:** 0.8670g/mL

Ethylene Glycol Dimethyl Ether

Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC61035-1000

99%; 1,2-Dimethoxyethane, Monoglyme; C₄H₁₀O₂; CH₃OCH₂CH₂OCH₃;
FW. 90.12; **CAS** [128-37-0]; **Melting Point:** -69.0°C; **Flash Point:** -6°C (41°F) **Boiling Point:** 84.0°C to 86.0°C; **Density:** 0.8670g/mL; **UN:** 2252

Formamide

Ultrapure Bioreagent



Quantity	Packaging	Cat. No.
500mL	Narrow Mouth Amber Glass Bottle	02002905

HCONH₂; **FW.** 45.04; **CAS** [75-12-7]; **Flash Point:** 154.00°C

Formamide

Certified ACS



Quantity	Packaging	Cat. No.
1L	Glass Bottle	F84-1

>99.5%; Methanamide; CH₃NO; HCONH₂; **FW.** 45.04;
CAS [75-12-7]; **Melting Point:** 2° to 3°C; **Boiling Point:** 210°C;
Density: 1.13g/mL



Formamide

Molecular Biology Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC61035-1000

99%; CH₃NO; HCONH₂; **FW.** 45.04; **CAS** [75-12-7];
Melting Point: 2.0° to 3.0°C; **Flash Point:** 175°C; **Boiling Point:** 210.0°C;
Density: 1.1330g/mL

Heptane

Certified ACS



Quantity	Packaging	Cat. No.
1L	Glass Bottle	03008-1
4L	Glass Bottle	03008-4

C₇H₁₆; CH₃(CH₂)₅CH₃; **FW.** 100.2;
CAS [142-82-5, 28729-52-4, 26635-64-3, 108-87-2];
Melting Point: -91°C; **Flash Point:** -4°C (+25°F);
Boiling Point: 98°C; **Density:** 3.5 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1206
Purity is guaranteed to meet published maximum limits of impurities.



Heptane

HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	H350-1
1L	Glass Bottle/Safe-Cote™	H350SK-1
4L	Glass Bottle	H350-4
4L	Glass Bottle/Safe-Cote™	H350SK-4

96% min by GC; C₇H₁₆; CH₃(CH₂)₅CH₃; **FW.** 100.2;
CAS [142-82-5, 28729-52-4, 26635-64-3, 108-87-2];
Melting Point: -91°C; **Flash Point:** -4°C (+25°F);
Boiling Point: 98°C; **Density:** 3.5 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1206
HPLC mobile phase for analytical and preparative separations.
High UV transmittance and low evaporation residue.



Heptane

Spectranalyzed™



Quantity	Packaging	Cat. No.
4L	Glass Bottle	H340-4

C₇H₁₆; CH₃(CH₂)₅CH₃; **FW.** 100.2;
CAS [142-82-5, 28729-52-4, 26635-64-3, 108-87-2];
Melting Point: -91°C; **Flash Point:** -4°C (+25°F);
Boiling Point: 98°C; **Density:** 3.5 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1206
For use in the ultraviolet and infrared ranges.



Heptane

Technical Grade



Quantity	Packaging	Cat. No.
20L	Steel Pail	H20-20
200L	Steel Drum	H20-200

C₇H₁₆; **FW.** 100.2; **CAS** [142-82-5];
Melting Point: -91°C; **Flash Point:** -4°C (+25°F);
Boiling Point: 98°C; **Density:** 3.5 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1206



Heptane

ChromAR®



Quantity	Packaging	Cat. No.
4L	Glass Bottle	MK51394

CH₃(CH₂)₅CH₃; **FW.** 100.2; **CAS** [142-82-5]

n-Heptane

Environmental Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA40978K2

>96%; CH₃(CH₂)₅CH₃; **FW.** 100.21; **CAS** [142-82-5];
Melting Point: -90°C (-130°F); **Flash Point:** -1°C;
Boiling Point: 98.4°C (209°F); **Density:** 0.684g/cm³ at 20°C;
UN: 1206; Colorless; Pesticide residue, environmental, and GC
analysis
Submicron filtered, halogenated residue: 10ng/L (GC-ECD)

n-Heptane

HPLC Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA22911K7
4 × 4L	----	AA22911M6

99%; CH₃(CH₂)₅CH₃; **FW.** 100.21; **CAS** [142-82-5]; **Melting Point:** -91°C;
Flash Point: -4°C (+25°F); **Boiling Point:** 97° to 99°C; **Density:** 100.21

n-Heptane

Optima™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	H360-1
4L	Glass Bottle	H360-4

99.0%; C₇H₁₆; CH₃(CH₂)₅CH₃; **FW.** 100.20;
CAS [142-82-5]; **Melting Point:** -91°C;
Flash Point: -4°C (+25°F); **Boiling Point:** 98°C;
Density: 3.5 (Air = 1.0);
DOT Class 3: Flammable Liquid; 0.2-micron filtered



n-Heptane

HPLC Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA22911K2

CH₃(CH₂)₅CH₃; **FW.** 100.21; **CAS** [142-82-5]; 99%

n-Heptane Spectrophotometric Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA32441K7

>99%; $\text{CH}_3(\text{CH}_2)_5\text{CH}_3$; **FW.** 100.21; **CAS** [142-82-5]; **Melting Point:** -91°C; **Flash Point:** -4°C (+25°F); **Boiling Point:** 97° to 99°C;

Density: 0.684g/cm³ at 20°C; **UN:** 1206; Colorless

Meets ACS spectrophotometric requirements. Filtered through 0.2µm filters.

Maximum level of impurities: Evaporation residue 3ppm, H₂O 0.03%

n-Heptane HPLC Grade



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002981
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02002982

$\text{CH}_3(\text{CH}_2)_5\text{CH}_3$; **FW.** 100.2; **CAS** [142-82-5]; **Flash Point:** -4.00°C

Meets ACS Reagent Chemical Requirements.

n-Heptane ULTRA RESI-ANALYZED™



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02003443
4L	Narrow Mouth Amber Glass Bottle	02003444

$\text{CH}_3(\text{CH}_2)_5\text{CH}_3$; **FW.** 100.2; **CAS** [142-82-5]; **Flash Point:** -4.00°C

Heptanes Technical Grade



Quantity	Packaging	Cat. No.
5L	Plastic Drum	AC44427-0050

C_7H_{16} ; $\text{CH}_3(\text{CH}_2)_5\text{CH}_3$; **FW.** 100.20; **CAS** [142-82-5];

Melting Point: -91.0°C; **Flash Point:** -4°C; **Boiling Point:** 98.0°C;

Density: 0.6830g/mL

n-Hexane

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA43263K7

C_6H_{14} ; **FW.** 86.18; **CAS** [110-54-3]; **Melting Point:** -95°C (-139°F);

Flash Point: -23°C; **Boiling Point:** 69°C (156°F);

Density: 0.659g/cm³ at 20°C; **UN:** 1208; Colorless;

Solvent in Sol-Gel precursor applications

n-Hexane Environmental Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4 × 4L	----	AA42100M6

>95%; $\text{CH}_3(\text{CH}_2)_4\text{CH}_3$; **FW.** 86.18; **CAS** [110-54-3];

Melting Point: -95°C (-139°F); **Flash Point:** -23°C;

Boiling Point: 69°C (156°F); **Density:** 0.659g/cm³ at 20°C; **UN:** 1208;

Colorless; Pesticide residue, environmental and GC analysis;

Submicron filtered

Maximum level of impurities: Evaporation residue 2ppm, Halogenated residue 10 ng/L (GC-ECD)

n-Hexane Spectrophotometric Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA32454K7

>95%; $\text{CH}_3(\text{CH}_2)_4\text{CH}_3$; **FW.** 86.18; **CAS** [110-54-3];

Melting Point: -95°C (-139°F); **Flash Point:** -23°C; **Boiling Point:** 69°C;

Density: 0.659g/cm³ at 20°C; **UN:** 1208; Colorless

Meets ACS spectrophotometric requirements. Filtered through 0.2µm filters.

Maximum level of impurities: Evaporation residue 5ppm, H₂O 0.02%

n-Hexane Optima™



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle, EcoSafPak	H306-1
4L	Amber Glass Bottle, EcoSafPak	H306-4
4L	Amber Glass Bottle/Safe-Cote™, EcoSafPak	H306-SK4

95%; C_6H_{14} ; **FW.** 86.17; **CAS** [110-54-3 (n-Hexane, 95%), 107-83-5 (2-Methylpentane, 2.3%), 96-14-0 (3-Methylpentane, 1.0%)]; **DOT Class 3:** Flammable Liquid; **UN:** 1208;

Suitable for EPA Method 1664

Suitable for HPLC, spectrophotometry, and gas chromatography.

Also meets ACS specifications.



n-Hexane Extra Pure



Quantity	Packaging	Cat. No.
1L	Metal Drum	AC19736-0010
2.5L	Metal Drum	AC19736-0025
25L	Metal Drum	AC19736-0250

≥95%; Hex; C_6H_{14} ; $\text{CH}_3(\text{CH}_2)_4\text{CH}_3$; **FW.** 86.18; **CAS** [110-54-3];

Melting Point: -95.0°C; **Flash Point:** -22°C; **Boiling Point:** 69.0°C;

Density: 0.6590g/mL; **UN:** 1208

n-Hexane HPLC Grade



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	AC23210-0025

≥95%; Hex; C_6H_{14} ; $\text{CH}_3(\text{CH}_2)_4\text{CH}_3$; **FW.** 86.18; **CAS** [110-54-3];

Melting Point: -95.0°C; **Flash Point:** -22°C; **Boiling Point:** 69.0°C;

Density: 0.6590g/mL; **UN:** 1208

n-Hexane HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC44572-0010

≥97%; Hex; C_6H_{14} ; $\text{CH}_3(\text{CH}_2)_4\text{CH}_3$; **FW.** 86.18; **CAS** [110-54-3];

Melting Point: -95.0°C; **Flash Point:** -22°C; **Boiling Point:** 69.0°C;

Density: 0.6590g/mL

n-Hexane



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC16078-0010
2.5L	Glass Bottle	AC16078-0025

≥99%; Hex; C_6H_{14} ; $\text{CH}_3(\text{CH}_2)_4\text{CH}_3$; **FW.** 86.18; **CAS** [110-54-3];

Melting Point: -95.0°C; **Flash Point:** -22°C; **Boiling Point:** 69.0°C;

Density: 0.6590g/mL; **UN:** 1208

n-Hexane HPLC Grade

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA39199K2
4L	----	AA39199K7

95% min; $\text{CH}_3(\text{CH}_2)_4\text{CH}_3$; **FW.** 86.18; **CAS** [110-54-3];

Melting Point: -95°C (-139°F); **Flash Point:** -23°C; **Boiling Point:** 69°C;

Density: 0.659g/mL

Hexanes

BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002999
4L	Aluminum Bottle	02003000
20L	Steel Pail	02002998

$\text{CH}_2(\text{CH}_2)_4\text{CH}_3$; **F.W.** 86.18; **CAS** [110-54-3]; **Flash Point:** -23.00°C;
Boiling Point: 68.7°C; **Density:** 0.663g/mL at 25°C (typical);
 Meets ACS Reagent Chemical Requirements.

Hexanes

Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	H292-500
1L	Glass Bottle	H292-1
4L	Glass Bottle	H292-4
4L	Glass Bottle/Safe-Cote™	H292SK-4
20L	Steel Pail	H292-20
200L	Steel Drum	H292-200

≥98.5 %; C_6H_{14} ; **F.W.** 86.18; **CAS** [110-54-3];

Melting Point: -95°C (-139°F);

Flash Point: -6.7°C (+20°F);

Boiling Point: 65.5° to 68.3°C (150° to 155°F);

Density: 0.653 to 0.673g/mL (at 25°C); **DOT Class 3:** Flammable Liquid;

UN: 1208; Colorless

Meets or exceeds the latest ACS specifications. Actual lot analysis on label.



Hexanes

Certified



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	H291-500
4L	Glass Bottle	H291-4
20L	Steel Pail	H291-20
200L	Steel Drum	H291-200

Naptha Solvent, Petroleum Naptha Solvent; C_6H_{14} ;

F.W. 86.18; **CAS** [110-54-3, 110-82-7, 64742-49-0];

Melting Point: -95°C (-139°F); **Flash Point:** -22°C;

Boiling Point: 62° to 69°C; **Density:** 2.97 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1208

Purity is guaranteed to meet published maximum limits of impurities.



Hexanes

GC Resolv™



Quantity	Packaging	Cat. No.
4L	Glass Bottle	H307-4

99.9% min by GC (aliphatic C6 hydrocarbons);

65% min n-hexane; C_6H_{14} ; **F.W.** 86.18; **CAS** [110-54-3];

Melting Point: -95°C (-139°F); **Flash Point:** -22°C;

Boiling Point: 62° to 69°C; **Density:** 2.97 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1208

High purity solvent for GC, GC/MS, pesticide residue analysis, and trace analysis.

Solvent is concentrated 500-fold and evaluated for ECD-responsive substances at ppt levels.

Solvent is concentrated 500-fold and evaluated for FID-responsive substances at ppb levels.

Suitable for environmental applications and EPA methods.

Certificate of Lot Analysis included with each bottle;

UV and other chromatograms available on request.



Hexanes

HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	H302-1
1L	Glass Bottle, Safe-Cote™	H302SK-1
4L	Glass Bottle	H302-4
4L	Glass Bottle, Safe-Cote™	H302SK-4
19L	NOWPak™ I	H302N1-19

98.5% min by GC; C_6H_{14} ; **F.W.** 86.18; **CAS** [110-54-3];

Melting Point: -95°C (-139°F); **Flash Point:** -22°C;

Boiling Point: 62° to 69°C (143.6° to 156.2°F);

Density: 2.97 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1208

HPLC mobile phase for analytical and preparative separations.

High UV transmittance and low evaporation residue.

Filtered through a sub-micron filter to remove particulates.

This product also meets ACS specifications.



Hexanes

Optima™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	H303-1
4L	Glass Bottle	H303-4
4L	Glass Bottle/Safe-Cote™	H303SK-4

99.9% min by GC; C_6H_{14} ; **F.W.** 86.18; **CAS** [110-54-3];

Melting Point: -95°C (-139°F); **Flash Point:** -22°C;

Boiling Point: 62° to 69°C; **Density:** 2.97 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1208; Colorless

High purity and versatile solvent for HPLC, GC, GC/MS, and pesticide

residue analysis. High UV transmittance and low evaporation residue.

Filtered through a sub-micron filter to remove particulates. Packaged

under nitrogen. This product also meets ACS specifications.

Certificate of Lot Analysis included with each bottle; UV and other

chromatograms available on request.



Hexanes

Pesticide Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	H300-4

C_6H_{14} ; **F.W.** 86.18; **CAS** [110-54-3];

Melting Point: -95°C (-139°F); **Flash Point:** -22°C;

Boiling Point: 62° to 69°C; **Density:** 2.97 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1208

For pesticide residue analysis by GC-ECD. Suitable for sample prep

prior to GC-ECD for environmental applications. This product also

meets ACS specifications.



Hexanes

Spectranalyzed™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	H334-1

≥98.5%; Naphtha Solvent; C_6H_{14} ;

F.W. 86.18; **CAS** [110-54-3];

Melting Point: -95°C (-139°F); **Flash Point:** -22°C;

Boiling Point: 62° to 69°C; **Density:** 2.97 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1208

Suitable for use in ultraviolet and infrared spectroscopy.

Also meets ACS specifications.



Hexanes Technical Grade



Quantity	Packaging	Cat. No.
4L	Aluminum Can	N3S-4
20L	Steel Pail	N3-20

Naphtha Solvent; CAS [110-54-3, 110-82-7, 64742-49-0]; **Flash Point:** -22°C; **Boiling Point:** 60° to 90°C; **Density:** 2.97 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1208 General laboratory use.



Isooctane Certified ACS



Quantity	Packaging	Cat. No.
1L	Glass Bottle	0299-1
4L	Glass Bottle	0299-4

≥99%; 2,2,4-Trimethylpentane; C₈H₁₈; (CH₃)₃CCH₂CH(CH₃)₂; **F.W.** 114.23; CAS [540-84-1]; **Melting Point:** -107°C; **Flash Point:** -12°C; **Boiling Point:** 98° to 99°C; **Density:** 3.94 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1262



Hexanes HPLC Grade



Quantity	Packaging	Cat. No.
4L	EcoSafPak	AC61007-0040

Hex; C₆H₁₄; CH₃(CH₂)₄CH₃; **F.W.** 86.18; CAS [92112-69-1, 110-54-3]; **Melting Point:** -95.0°C; **Flash Point:** -22°C; **Boiling Point:** 69.0°C; **Density:** 0.6590g/mL; **UN:** 1208

Hexanes, 95% HPLC Grade



Quantity	Packaging	Cat. No.
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02002996

95% n-hexane; CH₃(CH₂)₄CH₃; **F.W.** 86.18; CAS [110-54-3]; **Flash Point:** -23.00°C; **Boiling Point:** 68.7°C; **Density:** 0.663g/mL at 25°C (typical) Meets ACS Reagent Chemical Requirements.

Hexanes, 99% ULTRA RESI-ANALYZED™



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002992
4L	Narrow Mouth Amber Glass Bottle	02002993

99% n-Hexane; CH₃(CH₂)₄CH₃; **F.W.** 86.18; CAS [110-54-3]; **Flash Point:** -23.00°C

Hexanes, Mixed Isomers, 60+% Alfa Aesar



Quantity	Packaging	Cat. No.
4L	----	AA19353K7

Liquid; C₆H₁₄; **F.W.** 86.18; CAS [92112-69-1]; **Melting Point:** -95°C; **Flash Point:** <-23°C (-9°F); **Boiling Point:** 65° to 70°C; **Density:** 0.67g/mL; **UN:** 1208

Hexanes Packaged under Nitrogen, 95% HPLC Grade



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002994
4L	Narrow Mouth Amber Glass Bottle	02002995

95% n-hexane; CH₃(CH₂)₄CH₃; **F.W.** 86.18; CAS [110-54-3]; **Flash Point:** -23.00°C; Packaged under Nitrogen

Isobutanol Spectrophotometric Grade Alfa Aesar



Quantity	Packaging	Cat. No.
4L	----	AA32433K7

>99%; C₄H₁₀O; **F.W.** 74.12; CAS [78-83-1]; **Melting Point:** -108°C (-162°F); **Flash Point:** 28°C; **Boiling Point:** 107° to 108°C (225° to 226°F); **Density:** 0.802g/cm³; **UN:** 1212; Colorless Maximum level of impurities: Evaporation residue 5ppm, H₂O 0.10%.

Isooctane HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	0296-1
1L	Glass Bottle/Safe-Cote™	0296SK-1
4L	Glass Bottle	0296-4
4L	Glass Bottle/Safe-Cote™	0296SK-4

≥99%; 2,2,4-Trimethylpentane; C₈H₁₈; **F.W.** 114.23; CAS [540-84-1]; **Melting Point:** -107°C; **Flash Point:** -12°C; **Boiling Point:** 98° to 99°C; **Density:** 3.94 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1262 Submicron filtered. Also meets ACS specifications.



Isooctane Optima™



Quantity	Packaging	Cat. No.
4L	Glass Bottle	0301-4

99.9% min by GC; 2,2,4-Trimethylpentane, Isobutyltrimethylmethane; C₈H₁₈; (CH₃)₃CCH₂CH(CH₃)₂; **F.W.** 114.23; CAS [540-84-1]; **Melting Point:** -107°C; **Flash Point:** -12°C; **Boiling Point:** 98° to 99°C; **Density:** 3.94 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1262; High purity and versatile solvent for HPLC, GC and pesticide residue analysis. High UV transmittance and low evaporation residue. Filtered through a sub-micron filter to remove particulates. Packaged under nitrogen. This product also meets ACS specifications. Certificate of Lot Analysis included with each bottle; UV and other chromatograms available on request.



Isooctane Pesticide Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	0297-4

2,2,4-Trimethylpentane; C₈H₁₈; (CH₃)₃CCH₂CH(CH₃)₂; **F.W.** 114.23; CAS [540-84-1]; **Melting Point:** -107°C; **Flash Point:** -12°C; **Boiling Point:** 98° to 99°C; **Density:** 3.94 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1262 Packaged under nitrogen.



Isooctane Spectranalyzed™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	0300-1
4L	Glass Bottle	0300-4

≥99%; 2,2,4-Trimethylpentane, Isobutyltrimethylmethane; C₈H₁₈; (CH₃)₃CCH₂CH(CH₃)₂; **F.W.** 114.23; CAS [540-84-1]; **Melting Point:** -107°C; **Flash Point:** -12°C; **Boiling Point:** 98° to 99°C; **Density:** 3.94 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1262 For use in the ultraviolet and infrared ranges. Also meets ACS specifications.



Isopropanol Biochemical and Histological Grade

Quantity	Packaging	Cat. No.
1L	AcroSeal™ Glass Bottle	AC44708-0010
2.5L	AcroSeal™ Glass Bottle	AC44708-0025

99%; Isopropyl alcohol, 2-Propanol, IPA; C₃H₈O; (CH₃)₂CHOH;
FW. 60.10; **CAS** [67-63-0]; **Melting Point:** -89.5°C; **Flash Point:** 12°C;
Boiling Point: 81.0° to 83.0°C; **Density:** 0.7850g/mL

Isopropanol Extra Dry

Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle Packed in Tin Can	AC61043-1000

99.5%; Isopropyl alcohol, 2-Propanol, IPA; C₃H₈O; (CH₃)₂CHOH;
FW. 60.10; **CAS** [67-63-0]; **Melting Point:** -89.5°C; **Flash Point:** 12°C;
Boiling Point: 81.0°C to 83.0°C; **Density:** 0.7850g/mL; **UN:** 1219

Isopropanol HPLC Grade

Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC38391-0010
2.5L	Glass Bottle	AC38391-0025

99.5%; Isopropyl alcohol, 2-Propanol, IPA; C₃H₈O; (CH₃)₂CHOH;
FW. 60.10; **CAS** [67-63-0]; **Melting Point:** -89.5°C; **Flash Point:** 12°C;
Boiling Point: 81.0° to 83.0°C; **Density:** 0.7850g/mL

Isopropanol Technical Grade

Quantity	Packaging	Cat. No.
5L	Plastic Drum	AC44425-0050

Isopropyl alcohol, 2-Propanol, IPA; C₃H₈O; (CH₃)₂CHOH; **FW.** 60.10;
CAS [67-63-0]; **Melting Point:** -89.5°C; **Flash Point:** 12°C;
Boiling Point: 81.0° to 83.0°C; **Density:** 0.7850g/mL

Isopropanol, 70% (v/v) Aqueous Solution

Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	421016
1L	Poly Natural Bottle	421032
4L	Amber Glass Bottle	42101G
4L	Poly Natural Bottle	42101
10L	Cubitainer™	421025
20L	Cubitainer™	42105
20L	Hard-Pak	42105HP
55 gal	Drum	421055

2-Propanol; **CAS** [7732-18-5, 67-63-0]

Isopropanol, 99.5% Molecular Biology Grade

Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC32727-0010

99.5%; Isopropyl alcohol, 2-Propanol, IPA; C₃H₈O; (CH₃)₂CHOH;
FW. 60.10; **CAS** [67-63-0]; **Melting Point:** -89.5°C;
Flash Point: 12°C (53.6°F); **Boiling Point:** 81.0° to 83.0°C;
Density: 2.1 (Air = 1.0); **UN:** 1219

Isopropanol, 99.5% For Spectroscopy ACS

Quantity	Packaging	Cat. No.
500mL	Glass Bottle, EcoSafPak™	AC41279-5000

99.5%; Isopropyl alcohol, 2-Propanol, IPA; C₃H₈O; (CH₃)₂CHOH;
FW. 60.10; **CAS** [67-63-0]; **Melting Point:** -89.5°C; **Flash Point:** 12°C;
Boiling Point: 81.0° to 83.0°C; **Density:** 0.7850g/mL; **UN:** 1219

Isopropanol, 99.5+% Pure

Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC14932-0010
2.5L	Glass Bottle	AC14932-0025
5L	Plastic Drum	AC14932-0050
25L	Metal Drum	AC14932-0250

≥99.5%; Isopropyl alcohol, 2-Propanol, IPA; C₃H₈O; (CH₃)₂CHOH;
FW. 60.10; **CAS** [67-63-0]; **Melting Point:** -89.5°C; **Flash Point:** 12°C;
Boiling Point: 81.0° to 83.0°C; **Density:** 0.7850g/mL; **UN:** 1219

Isopropanol, 99.6% ACS Reagent Grade

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC42383-5000
1L	Glass Bottle	AC42383-0010
4L	EcoSafPak	AC42383-0040

99.6%; Isopropyl alcohol, 2-Propanol, IPA; C₃H₈O; (CH₃)₂CHOH;
FW. 60.10; **CAS** [67-63-0]; **Melting Point:** -89.5°C; **Flash Point:** 12°C;
Boiling Point: 81.0° to 83.0°C; **Density:** 0.7850g/mL; **UN:** 1219

Isopropanol, 99.8% Electronic Grade

Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC32793-0010

99.8%; Isopropyl alcohol, 2-Propanol, IPA; C₃H₈O; (CH₃)₂CHOH;
FW. 60.10; **CAS** [67-63-0]; **Melting Point:** -89.5°C; **Flash Point:** 12°C;
Boiling Point: 81.0° to 83.0°C; **Density:** 0.7850g/mL; **UN:** 1219

Isopropanol, 99+% For Spectroscopy

Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC16788-0010

≥99%; Isopropyl alcohol, 2-Propanol, IPA; C₃H₈O; (CH₃)₂CHOH;
FW. 60.10; **CAS** [67-63-0]; **Melting Point:** -89.5°C; **Flash Point:** 12°C;
Boiling Point: 81.0° to 83.0°C; **Density:** 0.7850g/mL; **UN:** 1219

Isopropanol, 99.9% HPLC Grade

Quantity	Packaging	Cat. No.
4L	AcroSeal™ Glass Bottle	AC61008-0040

99.9%; Isopropyl alcohol, 2-Propanol, IPA; C₃H₈O; (CH₃)₂CHOH;
FW. 60.10; **CAS** [67-63-0]; **Melting Point:** -89.5°C; **Flash Point:** 12°C;
Boiling Point: 81.0°C to 83.0°C; **Density:** 0.7850g/mL; **UN:** 1219

Isopropyl Alcohol, 70% GMP/USP/NF Grade

Quantity	Packaging	Cat. No.
55 gal.	Metal Drum	16101395
55 gal.	UV Poly Drum	16101396

IPA 70%, Isopropanol, 2-Propanol; C₃H₈O; **FW.** 60.1;
CAS [67-63-0, 7732-18-5]; **Melting Point:** -90°C (-130°F);
Flash Point: 18.3°C (64.9°F); **Boiling Point:** 83°C (181°F); **UN:** 1219;
 Colorless, Clear. General use organic solvent.

Isopropyl Alcohol, 70% USP/NF Grade

Quantity	Packaging	Cat. No.
55 gal.	Metal Drum	16102062

Liquid; 70%; IPA 70%, Isopropanol, 2-Propanol; C₃H₈O; **FW.** 60.1;
CAS [67-63-0, 7732-18-5]; **Melting Point:** -90°C (-130°F);
Flash Point: 18.3°C (64.9°F); **Boiling Point:** 83°C (181°F); **UN:** 1219;
 Colorless; General use organic solvent

Isopropyl Alcohol, 99% World/GMP, ACS/USP/FCC/EP/BP/JP Grade



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	16101397
5 gal.	Metal Pail	16101401
5 gal.	Poly Pail	16101400
55 gal.	Metal Drum	16101398
55 gal.	UV Poly Drum	16101399

IPA 99%, Isopropanol, 2-Propanol; C₃H₈O; **FW.** 60.1; CAS [67-63-0]; **Melting Point:** -90°C (-130°F); **Flash Point:** 12°C (53.6°F); **Boiling Point:** 83°C (181°F); **Density:** 0.858g/mL at 25°C (77°F); **UN:** 1219; Colorless; General use organic solvent

Isopropyl Alcohol, 99% USP/NF Grade



Quantity	Packaging	Cat. No.
55 gal.	Metal Drum	16102063

IPA 99%, Isopropanol, 2-Propanol; C₃H₈O; **FW.** 60.1; CAS [67-63-0, 7732-18-5]; **Melting Point:** -90°C (-130°F); **Flash Point:** 18.3°C (64.9°F); **Boiling Point:** 83°C (181°F); **UN:** 1219; Colorless; General use organic solvent

Isopropyl Alcohol, ≥99.5% ACS Grade



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	LC157502
4 × 4L	Amber Glass Bottle	LC1575044
20L	Cubitainer™	LC157505

≥99.5%; IPA, 2-Propanol; C₃H₈O; **FW.** 60.09; CAS [67-63-0]; **Melting Point:** -88°C; **Flash Point:** 12°C; **Boiling Point:** 82°C (180°F); **Density:** 785kg/m³; **DOT Class 3:** Flammable Liquid; **UN:** 1219

Ligroine, Heptane, 100% Laboratory Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	03387-4

Petroleum Ether; C₇H₁₆; **FW.** 100.2; CAS [142-82-5]; **Melting Point:** -91°C; **Flash Point:** -4°C (+25°F); **Boiling Point:** 98°C; **Density:** 3.5 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1206



Methanol BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02003345
4L	Pressure Bottom Poly Bottle	02003346
20L	Steel Pail	02003344

CH₃OH; **FW.** 32.04; CAS [67-56-1]; **Flash Point:** 12.00°C
Meets ACS Reagent Chemical Requirements.

Methanol HPLC Grade



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02003342
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02003349

Hydroxymethane, Methyl hydrate; CH₃O; **FW.** 32.04; CAS [67-56-1]; **Melting Point:** -97.6°C (41°F) **Flash Point:** 12°C; **Boiling Point:** 64.7°C; **Density:** 0.7918g/cm³; For HPLC analysis

Methanol ULTRA RESI-ANALYZED™



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02003343

Methyl Alcohol; CH₃OH; **FW.** 32.04; CAS [67-56-1]; **Flash Point:** 12°C

Methanol BAKER ANALYZED™ LC-MS Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02003338
4L	Narrow Mouth Amber Glass Bottle	02003341

CH₃OH; **FW.** 32.04; CAS [67-56-1]; **Flash Point:** 12.00°C; Filtered through a 0.2 micron filter

Methanol BAKER ANALYZED™ ULTRA LC/MS



Quantity	Packaging	Cat. No.
2 × 1L	Narrow Mouth Flint Glass Bottle	02003339
1L	Narrow Mouth Flint Glass Bottle	02003340

CH₃OH; **FW.** 32.04; CAS [67-56-1]; **Melting Point:** 113°C to 116°C (41°F); **Flash Point:** 12.00°C

Methanol Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A412-500
1L	Glass Bottle	A412-1
4L	Glass Bottle	A412-4
4L	Glass Bottle, Safe-Cote™	A412SK-4
4L	Poly Bottle	A412P-4
20L	Steel Pail	A412-20
200L	Steel Drum	A412-200

Assay: ≥99.8%; Methyl Alcohol; CH₃O; **FW.** 32.04; CAS [67-56-1]; **Melting Point:** -98°C (-144.4°F); **Flash Point:** 12°C (53.6°F); **Boiling Point:** 64.7°C (148.5°F); **Density:** 1.11 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1230; Colorless



Methanol Electronic Grade



Quantity	Packaging	Cat. No.
4L	Poly Bottle	A947-4

99.8% min by GC; Methyl Alcohol, MeOH; CH₃O; **FW.** 32.04; CAS [67-56-1]; **Melting Point:** -98°C (-144.4°F); **Flash Point:** 12°C (53.6°F); **Boiling Point:** 64.7°C; **Density:** 1.11 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1230
Suitable for use in electronics and circuit board manufacturing. Manufactured to ensure low levels of metal contamination. Meet Semiconductor Equipment and Materials Institute (SEMI) requirements. This product also meets ACS specifications.



Methanol

GC Resolv™



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	A457-4

≥99.9%; Methyl Alcohol; CH₄O; CH₃OH; F.W. 32.04; CAS [67-56-1]; **Melting Point:** -98°C (-144.4°F); **Flash Point:** 12°C (53.6°F); **Boiling Point:** 64.7°C; **Density:** 1.11 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1230

Suitable for high-resolution gas chromatography and for organic residue analysis. Packaged under Nitrogen.

Certificate of Lot Analysis included with each bottle;

UV and other chromatograms available on request.



Methanol

Low Water



Quantity	Packaging	Cat. No.
4L	Glass Bottle	A935-4

≥99.8%; Methyl Alcohol; CH₄O; CH₃OH; F.W. 32.04; CAS [67-56-1]; **Melting Point:** -98°C (-144.4°F); **Flash Point:** 12°C (53.6°F); **Boiling Point:** 64.7°C; **Density:** 1.11 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1230

Low water concentration. Also meets ACS specifications.



Methanol

Histological Grade



Quantity	Packaging	Cat. No.
1 gal.	Poly Bottle	A433F1-GAL
4L	Poly Bottle	A433P-4
4L	Aluminum Can	A433S-4
20L	Steel Pail	A433S-20
200L	Steel Drum	A433S-200

Methyl Alcohol, Methyl Hydrate; CH₄O; CH₃OH; F.W. 32.04; CAS [67-56-1];

Melting Point: -98°C (-144.4°F);

Flash Point: 12°C (53.6°F); **Boiling Point:** 64.7°C

(148.5°F); **Density:** 1.11 (Air = 1.0); **DOT Class 3:** Flammable Liquid;

UN: 1230

Used in histology applications.



Methanol

HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A452-1
1L	Glass Bottle, Safe-Cote™	A452SK-1
4L	Glass Bottle	A452-4
4L	Glass Bottle, Safe-Cote™	A452SK-4
19L	NOWPak™ I	A452N1-19

99.9% min by GC; MeOH, Methyl Alcohol; CH₄O; CH₃OH; F.W. 32.04; CAS [67-56-1];

Melting Point: -98°C (-144.4°F);

Flash Point: 12°C (53.6°F);

Boiling Point: 64.7°C (148.5°F); **Density:** 1.11 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1230; Colorless

HPLC mobile phase for analytical and preparative separations.

High UV transmittance and low evaporation residue.

Suitable for gradient and isocratic conditions.

Filtered through a 0.2µm filter to remove particulates.

This product also meets ACS specifications.



Methanol

Optima™ LC/MS



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A456-1
4L	Glass Bottle	A456-4

99.9% min by GC; MeOH, Methyl Alcohol; CH₄O; CH₃OH; F.W. 32.04; CAS [67-56-1];

Melting Point: -98°C (-144.4°F);

Flash Point: 12°C (53.6°F);

Boiling Point: 64.7°C (148.5°F); **Density:** 1.11 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1230; Colorless

Ideal mobile phase for LC/MS and UHPLC-UV applications in pharmaceutical, biotechnology, clinical, environmental and food safety industries.

Novel gradient elution test with Photodiode Array Detector screens for UV-absorbing contaminants at every wavelength in the 200 to 400nm range to afford smooth baselines and to reduce interferences.

Evaluated for 17 metal impurities at ppb concentrations to minimize the formation of metal adducts during analysis and simplify spectral interpretation.

0.1 micron filtration minimizes troublesome particles that may interfere with LC/MS and UHPLC system performance and provides an ideal solution to prepare cleaner, particle-free mobile phase blends.

Positive mode ionization (as propazine) and negative mode ionization (as mecoprop) with ESI and Single Quadrupole MS detect organic contaminants at max 100ppb and max 300ppb, respectively.

Actual Lot Analysis reported on label;

Certificate of Actual Lot Analysis available on request.



Methanol

Laboratory Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	A411-4
20L	Steel Pail	A411-20

Methyl Alcohol, Methyl Hydrate; CH₄O; CH₃OH;

F.W. 32.04; CAS [67-56-1];

Melting Point: -98°C (-144.4°F);

Flash Point: 12°C (53.6°F); **Boiling Point:** 64.7°C;

Density: 1.11 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1230

General purpose laboratory use.



Methanol Optima™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A454-1
4L	Glass Bottle	A454-4
4L	Glass Bottle, Safe-Cote™	A454SK-4

99.9% min by GC; MeOH, Methyl Alcohol; CH₃O;

CH₃OH; F.W. 32.04; CAS [67-56-1];

Melting Point: -98°C (-144.4°F);

Flash Point: 12°C (53.6°F);

Boiling Point: 64.7°C (148.5°F); **Density:** 1.11 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1230; Colorless

High purity and versatile solvent for HPLC. Certificate of Lot Analysis included with each bottle. UV and other chromatograms available on request. High UV transmittance and low evaporation residue. Suitable for gradient and isocratic conditions. HPLC mobile phase for analytical and preparative separations. Filtered through a 0.2µm filter to remove particulates. This product also meets ACS specifications.



Methanol ChromAR®



Quantity	Packaging	Cat. No.
4L	Glass Bottle	MK30414

CH₃OH; F.W. 32.04; CAS [67-56-1]; Anhydrous

Methanol HPLC Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA22909K2
4L	----	AA22909K7
4 x 4L	----	AA22909M6

Liquid; >99.8%; CH₃OH; F.W. 32.04; CAS [67-56-1];

Melting Point: -98°C (-144.4°F); **Flash Point:** 11°C;

Boiling Point: 64.7°C; **Density:** 0.791g/mL

Methanol Pesticide Grade



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle, EcoSafPak™	A450-4

Methyl Alcohol; CH₃O; CH₃OH; F.W. 32.04; CAS [67-56-1];

Melting Point: -98°C (-144.4°F);

Flash Point: 12°C (53.6°F); **Boiling Point:** 64.7°C;

Density: 1.11 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1230



Methanol UHPLC-MS Optima™



Quantity	Packaging	Cat. No.
1L	Clear Borosilicate Glass Bottle	A458-1

99.9% minimum by GC; MeOH, Methyl Alcohol; CH₃OH; CAS [67-56-1]

Unique signal to noise specification for the chemical industry where the solvent quality is linked directly to the sensitivity of the mass spectrometer. 0.1 micron filtration ensures reduction in clogging of instrument, columns and check valves. Packaged in borosilicate glass to ensure low metal content in mobile phase solvents minimizing formation of metal ion adducts. Fisher Chemical UHPLC-MS solvents have an UHPLC-UV Gradient Suitability specification which covers the full 200–400 nm range ideal for dual detection. Ideal mobile phase for UHPLC-MS applications in pharmaceutical, biotechnology, clinical, environmental and food industries.



Methanol Residue Analysis Grade



Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	A453-500
1L	Amber Glass Bottle	A453-1

>99.9%; Methyl Alcohol, Methyl Hydrate; CH₃O; CH₃OH; F.W. 32.04; CAS [67-56-1];

Melting Point: -98°C (-144.4°F);

Flash Point: 12°C (53.6°F); **Boiling Point:** 64.7°C;

Density: 1.11 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1230

Certificate of Lot Analysis included with each bottle;

UV and other chromatograms available on request.

Purge and trap suitable for volatile organic residue analysis;

Packaged under Nitrogen. Submicron filtered.



Methanol Spectrophotometric Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA32435K2
4L	----	AA32435K7

>99.8%; CH₃OH; F.W. 32.04; CAS [67-56-1];

Melting Point: -98°C (-144.4°F); **Flash Point:** 11°C;

Boiling Point: 64.7°C; **Density:** 0.791g/cm³ at 20°C; **UN:** 1230; Colorless

Methanol Spectranalyzed™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A408-1
4L	Glass Bottle	A408-4
4L	Glass Bottle, Safe-Cote™	A408SK-4

>99.8%; Methyl Alcohol, Methyl Hydrate; CH₃O; CH₃OH; F.W. 32.04; CAS [67-56-1];

Melting Point: -98°C (-144.4°F);

Flash Point: 12°C (53.6°F); **Boiling Point:** 64.7°C;

Density: 1.11 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1230

For use in the ultraviolet range. Also meets ACS specifications.



Methanol



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	16101424
5 gal.	Poly Pail	16101427

Methyl Alcohol, Methyl Hydroxide, Methyl Hydrate; CH₃O; F.W. 32.04; CAS [67-56-1];

Melting Point: -98°C (-144.4°F);

Flash Point: 11°C (52°F); **Boiling Point:** 64°C (147°F);

Density: 0.791g/mL at 25°C (77°F); **UN:** 1230; Colorless

General purpose organic solvent

Methanol Biochemistry Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
4 x 4L	----	AA44571M6

>99.8%; CH₃OH; F.W. 32.04; CAS [67-56-1];

Melting Point: -98°C (-144.4°F); **Flash Point:** 11°C;

Boiling Point: 64.7°C; **Density:** 0.791g/mL; Filtered through 0.2µm filter

Methanol ACS Reagent



Quantity	Packaging	Cat. No.
1L	Metal Drum	AC42395-0010
4L	Metal Drum	AC42395-0040
20L	Metal Drum	AC42395-0200

>99.8%; Methyl alcohol; CH₃O; CH₃OH; F.W. 32.04; CAS [67-56-1];

Melting Point: -98.0°C; **Flash Point:** 12°C; **Boiling Point:** 64.7°C;

Density: 0.7910g/mL; **UN:** 1230

Methanol Extra Dry

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	100mL	Glass Bottle	AC36439-1000
	1L	Glass Bottle	AC36439-0010

99.8%; Methyl alcohol; CH₄O; CH₃OH; **FW**: 32.04; CAS [67-56-1];
Melting Point: -98.0°C; **Flash Point**: 12°C; **Boiling Point**: 64.7°C;
Density: 0.7910g/mL; **UN**: 1230

Methanol Extra Dry

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	1L	Amber Glass Bottle	AC61040-0010

99.8%; Methyl alcohol; CH₄O; CH₃OH; **FW**: 32.04;
Melting Point: -98.0°C; **Flash Point**: 12°C; **Boiling Point**: 64.7°C;
Density: 0.7910g/mL; **UN**: 1230

Methanol Extra Pure

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	1L	Glass Bottle	AC17715-0010
	2.5L	Glass Bottle	AC17715-0025
	25L	Plastic Drum	AC17715-0250

≥99%; Methyl Alcohol; CH₄O; CH₃OH; **FW**: 32.04; CAS [67-56-1];
Melting Point: -98.0°C; **Flash Point**: 12°C; **Boiling Point**: 64.7°C;
Density: 0.7910g/mL; **UN**: 1230

Methanol ACS Grade

	Quantity	Packaging	Cat. No.
	4L	Amber Glass Bottle	LC168004

≥99.8%; Wood Alcohol; CH₃OH; **FW**: 32.04; CAS [67-56-1];
Melting Point: -98°C; **Flash Point**: 9.7°C; **Boiling Point**: 65°C;
Density: 792kg/m³; **UN**: 1230

Methanol BAKER ANALYZED™ ACS Reagent

J.T.Baker	Quantity	Packaging	Cat. No.
	4L	Narrow Mouth Amber Glass Bottle	02003360

CH₃OH; **FW**: 32.04; CAS [67-56-1]; **Flash Point**: 12.00°C; Anhydrous
 Meets ACS Reagent Chemical Requirements.

Methanol Extra Dry

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	100mL	AcroSeal™ Glass Bottle Packed in Tin Can	AC61098-1000

99.8%; Methyl Alcohol; CH₄O; CH₃OH; **FW**: 32.04;
Melting Point: -98.0°C; **Flash Point**: 12°C; **Boiling Point**: 64.7°C;
Density: 0.7910g/mL; **UN**: 1230

Methanol HPLC Grade

Afa Aesar	Quantity	Packaging	Cat. No.
	4L	---	AA41467K7

CH₃OH; **FW**: 32.04; CAS [67-56-1]; Methanol; Anhydrous; 99%

Methanol HPLC Grade

	Quantity	Packaging	Cat. No.
	4L	Amber Glass Bottle	LC168104

≥99.8%; Wood Alcohol; CH₃OH; **FW**: 32.04; CAS [67-56-1]; **UN**: 1230

Methanol HPLC Grade

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	4L	EcoSafPak	AC61009-0040

99.9%; Methyl Alcohol; CH₄O; CH₃OH; **FW**: 32.04;
Melting Point: -98.0°C; **Flash Point**: 12°C; **Boiling Point**: 64.7°C;
Density: 0.7910g/mL; **UN**: 1230

Methanol Technical Grade

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	5L	Plastic Drum	AC44431-0050

Methyl Alcohol; CH₄O; CH₃OH; **FW**: 32.04; CAS [67-56-1];
Melting Point: -98.0°C; **Flash Point**: 12°C; **Boiling Point**: 64.7°C;
Density: 0.7910g/mL

Methanol, Anhydrous

Afa Aesar	Quantity	Packaging	Cat. No.
	1L	---	AA41838K2

99.9%; CH₃OH; **FW**: 32.04; CAS [67-56-1];
Melting Point: -98°C (-144.4°F); **Flash Point**: 11°C;
Boiling Point: 64.7°C; **Density**: 0.791g/mL

Methyl tert-Butyl Ether HPLC Grade

J.T.Baker	Quantity	Packaging	Cat. No.
	1L	Narrow Mouth Amber Glass Bottle	02003381
	4L	Narrow Mouth Amber Glass Bottle	02003385

(CH₃)₃COCH₃; **FW**: 88.15; CAS [1634-04-4]; **Flash Point**: -27.00°C

Methyl tert-Butyl Ether ULTRA RESI-ANALYZED™

J.T.Baker	Quantity	Packaging	Cat. No.
	1L	Narrow Mouth Amber Glass Bottle	02003382
	4L	Narrow Mouth Amber Glass Bottle	02003386

(CH₃)₃COCH₃; **FW**: 88.15; CAS [1634-04-4]; **Flash Point**: -27.00°C

Methyl iso-Butyl Ketone BAKER ANALYZED™ ACS Reagent

J.T.Baker	Quantity	Packaging	Cat. No.
	4L	Narrow Mouth Amber Glass Bottle	02003482

CH₃COCH₂CH(CH₃)₂; **FW**: 100.16; CAS [108-10-1]; **Flash Point**: 14.00°C;
Boiling Point: 39.5°C (typical); **Density**: 1.318g/mL at 25°C (typical)
 Meets ACS Reagent Chemical Requirements.

Methyl iso-Butyl Ketone Certified ACS

F	Quantity	Packaging	Cat. No.
	1L	Glass Bottle	M213-1
	4L	Glass Bottle	M213-4
	20L	Steel Pail	M213-20
	200L	Steel Drum	M213-200

≥98.5%; Hexone, Isobutyl Methyl Ketone,
 Isopropylacetone, 4-Methyl-2-Pentanone; C₆H₁₂O;
FW: 100.16; CAS [108-10-1];
Melting Point: -84°C (-119°F); **Flash Point**: 14°C;
Boiling Point: 117°C; **Density**: 3.45 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN**: 1245



Methyl Ethyl Ketone HPLC Grade



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02003445

CH₃COCH₂CH₃; **FW.** 72.11; CAS [78-93-3]; **Flash Point:** -9.00°C
Meets ACS Reagent Chemical Requirements.

Methyl Ethyl Ketone BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02003460

CH₃COCH₂CH₃; **FW.** 72.11; CAS [78-93-3]; **Flash Point:** -9.00°C
Meets ACS Reagent Chemical Requirements.

Methyl Ethyl Ketone Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	M209-500
1L	Glass Bottle	M209-1
4L	Glass Bottle	M209-4
4L	Aluminum Can	M209S-4
20L	Steel Pail	M209-20
200L	Steel Drum	M209-200

≥99%; Ethyl Methyl Ketone, 2-Butanone; C₄H₈O; **FW.** 72.11; CAS [78-93-3];
Melting Point: -87°C (-125°F); **Flash Point:** -7°C;
Boiling Point: 80°C; **Density:** 2.41 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1193



Methyl Ethyl Ketone Technical Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	M208-1
4L	Glass Bottle	M208-4
20L	Steel Pail	M208-20

2-Butanone, Ethyl Methyl Ketone; C₄H₈O; CH₃COC₂H₅;
FW. 72.11; CAS [78-93-3];
Melting Point: -87°C (-125°F); **Flash Point:** -7°C;
Boiling Point: 80°C; **Density:** 2.41 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1193



Methyl Sulfoxide



Quantity	Packaging	Cat. No.
4L	Glass Bottle	MMX14561

Clear Colorless Liquid; 99.9% min.;
Methanesulfinylmethane, Methyl Sulfoxide, DMSO; C₂H₆OS; (CH₃)₂SO;
FW. 78.1; CAS [67-68-5]; **Melting Point:** 18.4°C (65°F);
Flash Point: 87°C; **Boiling Point:** 189°C (1013 hPa);
Density: 1.10g/cm³ (20°C)

Methyl Sulfoxide Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC61097-1000

99.7%; Dimethyl sulfoxide, DMSO; C₂H₆OS; (CH₃)₂SO; **FW.** 78.13;
CAS [67-68-5]; **Melting Point:** 18.4°C (65°F); **Flash Point:** 87°C;
Boiling Point: 189.0°C; **Density:** 2.7 (Air = 1.0)

Methyl Sulfoxide Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC32688-1000
1L	AcroSeal™ Glass Bottle	AC32688-0010

≥99.7%; Dimethyl Sulfoxide, DMSO; C₂H₆OS; (CH₃)₂SO;
FW. 78.13; CAS [67-68-5]; **Melting Point:** 18.4°C; **Flash Point:** 87°C;
Boiling Point: 189.0°C; **Density:** 1.1000g/mL

Methyl Sulfoxide ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Plastic Bottle, EcoSafPak	AC41488-5000

≥99.9%; Dimethyl sulfoxide, DMSO; C₂H₆OS; (CH₃)₂SO; **FW.** 78.13;
CAS [67-68-5]; **Melting Point:** 18.4°C; **Flash Point:** 87°C;
Boiling Point: 189.0°C; **Density:** 1.1000g/mL

Methylene Chloride ULTRA RESI-ANALYZED™



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02003395

≥99.8%; Dichloromethane; CH₂Cl₂; **FW.** 84.93; CAS [75-09-2];
Melting Point: -95°C; **Boiling Point:** 39.75°C

Methylene Chloride HPLC Grade



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02003396
4L	Narrow Mouth Amber Glass Bottle	02003400
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02003401

CH₂Cl₂; **FW.** 84.93; CAS [75-09-2]

Methylene Chloride BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02003402

CH₂Cl₂; **FW.** 84.93; CAS [75-09-2]; **Boiling Point:** 39.5°C (typical);
Density: 1.318g/mL at 25°C (typical)
Meets ACS Reagent Chemical Requirements.

Methylene Chloride GC Resolv™



Quantity	Packaging	Cat. No.
4L	Glass Bottle	D154-4

99.9% min by GC; Dichloromethane, DCM; CH₂Cl₂;
FW. 84.93; CAS [75-09-2];
Melting Point: -97°C (-142°F); **Boiling Point:** 40°C;
Density: 2.93 (Air = 1.0); **DOT Class 6.1:** Poison;
UN: 1593

High purity solvent for GC, GC/MS, pesticide residue analysis, and trace analysis. Solvent is concentrated 500-fold and evaluated for ECD-responsive substances at ppt levels. Solvent is concentrated 500-fold and evaluated for FID-responsive substances at ppb levels. Suitable for environmental applications and EPA methods. Certificate of Lot Analysis included with each bottle; UV and other chromatograms available on request.



Methylene Chloride HPLC Grade



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	D150-1
1L	Amber Glass Bottle/Safe-Cote™	D150SK-1
4L	Amber Glass Bottle	D150-4
4L	Amber Glass Bottle/Safe-Cote™	D150SK-4

99.9% min by GC; Dichloromethane, DCM; CH₂Cl₂; F.W. 84.93; CAS [75-09-2];

Melting Point: -97° deg.C (-142°F); **Boiling Point:** 40°C; **Density:** 2.93 (Air = 1.0);

DOT Class 6.1: Poison; **UN:** 1593

HPLC mobile phase for analytical and preparative separations. High UV transmittance and low evaporation residue. Also suitable for sample prep prior to GC/MS analysis. Unstabilized. No preservative added.



Methylene Chloride HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	D143-1
1L	Glass Bottle/Safe-Cote™	D143SK-1
4L	Glass Bottle	D143-4
4L	Glass Bottle/Safe-Cote™	D143SK-4

99.9% min by GC; Dichloromethane, DCM; CH₂Cl₂; F.W. 84.93; CAS [75-09-2];

Melting Point: -97°C (-142°F); **Boiling Point:** 40°C; **Density:** 2.93 (Air = 1.0); **DOT Class 6.1:** Poison;

UN: 1593

HPLC mobile phase for analytical and preparative separations. High UV transmittance and low evaporation residue. Suitable for gradient and isocratic conditions. Filtered through a sub-micron filter to remove particulates. This product also meets ACS specifications. Stabilized with 15-200ppm amylene.



Methylene Chloride Optima™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	D151-1
4L	Glass Bottle	D151-4

99.9% min by GC; Dichloromethane, DCM; CH₂Cl₂; F.W. 84.93; CAS [75-09-2];

Melting Point: -97°C (-142°F); **Boiling Point:** 40°C; **Density:** 2.93 (Air = 1.0); **DOT Class 6.1:** Poison;

UN: 1593; Colorless

1000-fold concentrated solvent produces interference-free baseline for ultra trace analysis. High purity and versatile solvent for HPLC, GC, GC/MS and pesticide residue analysis. High UV transmittance and low evaporation residue. Filtered through a sub-micron filter to remove particulates. Packaged under Nitrogen. Meets ACS specifications. High purity mobile phase for extraction solvent in GC applications. Certificate of Lot Analysis included with each bottle; UV and other chromatograms available on request.



Methylene Chloride Spectranalyzed™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	D35-1
4L	Glass Bottle	D35-4

>99.5%; Dichloromethane, DCM; CH₂Cl₂; F.W. 84.93; CAS [75-09-2]; **Melting Point:** -97°C (-142°F);

Boiling Point: 40°C; **Density:** 2.93 (Air = 1.0);

DOT Class 6.1: Poison; **UN:** 1593

Suitable for use in the ultraviolet and infrared ranges.



Methylene Chloride Pesticide Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	D142-4

Dichloromethane, DCM; CH₂Cl₂; F.W. 84.93; CAS [75-09-2]; **Melting Point:** -97°C (-142°F);

Boiling Point: 40°C; **Density:** 2.93 (Air = 1.0);

DOT Class 6.1: Poison; **UN:** 1593

For pesticide residue analysis by GC-ECD. Suitable for sample prep prior to GC-ECD for environmental applications.



Methylene Chloride HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	D138-1
4L	Glass Bottle	D138-4
4L	Glass Bottle, SafeCote™	D138SK-4

99.9% min by GC; Dichloromethane, DCM; CH₂Cl₂; F.W. 84.93; CAS [75-09-2];

Melting Point: -97°C (-142°F); **Boiling Point:** 40°C; **Density:** 2.93 (Air = 1.0); **DOT Class 6.1:** Poison;

UN: 1593

HPLC mobile phase for analytical and preparative separations. High UV transmittance and low evaporation residue. Filtered through a sub-micron filter to remove particulates. This product also meets ACS specifications. Stabilized with 15-200ppm amylene. Stabilized with 40-100ppm cyclohexene.



Methylene Chloride Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	D37-500
1L	Glass Bottle	D37-1
4L	Glass Bottle	D37-4
4L	Glass Bottle	D37SK-4
20L	Steel Pail	D37-20
200L	Steel Drum	D37-200

>99.5%; Dichloromethane, DCM; CH₂Cl₂; F.W. 84.93; CAS [75-09-2]; **Melting Point:** -97°C (-142°F);

Boiling Point: 40°C; **Density:** 2.93 (Air = 1.0);

DOT Class 6.1: Poison; **UN:** 1593; Colorless

Stabilized with preservative. Meets or exceeds the latest ACS specifications. Actual lot analysis on label.



Murexide Indicator Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	LC175101

C₈H₈N₆O₆; F.W. 284.18; CAS [7647-14-5, 3051-09-0]; Solid

Pentane HPLC Grade



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02003536
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02003537

CH₃(CH₂)₄CH₃; F.W. 72.15; CAS [109-66-0]; **Flash Point:** -40.00°C

Pentane ULTRA RESI-ANALYZED™



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02003534
4L	Narrow Mouth Amber Glass Bottle	02003538

CH₃(CH₂)₄CH₃; F.W. 72.15; CAS [109-66-0]; **Flash Point:** -40.00°C

Pentane Certified ACS



Quantity	Packaging	Cat. No.
4L	Glass Bottle	04062-4
20L	Steel Pail	04062-20

≥98%; C₅H₁₂; CH₃(CH₂)₃CH₃; F.W. 72.15; CAS [109-66-0]; **Melting Point:** -130°C (-202°F); **Flash Point:** -49°C; **Boiling Point:** 36°C (41°F)
Density: 2.5 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1265



Petroleum Ether Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	E139-500
1L	Glass Bottle	E139-1
4L	Glass Bottle	E139-4
4L	Glass Bottle, Safe-Cote™	E139SK-4
4L	Aluminum Can	E139S-4
20L	Steel Pail	E139-20
200L	Steel Drum	E139-200

Ligroine, Benzene; CAS [8032-32-4]; **Melting Point:** -40°C (-40°F); **Flash Point:** -17.8°C (0°F); **Boiling Point:** 38°C; **Density:** 0.66g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1268

Also meets specifications of the American Oil Chemists Society and the National Cottonseed Producers Association.



Pentane HPLC Grade



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	P399-1
1L	Amber Glass Bottle/Safe-Cote™	P399SK-1
4L	Amber Glass Bottle	P399-4
4L	Amber Glass Bottle/Safe-Cote™	P399SK-4

>99%; C₅H₁₂; CH₃(CH₂)₃CH₃; F.W. 72.15; CAS [109-66-0]; **Melting Point:** -130°C (-202°F); **Flash Point:** -49°C; **Boiling Point:** 36°C (41°F)
Density: 2.5 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1265
 Submicron filtered. Mobile phase for HPLC applications.



Petroleum Ether Optima™



Quantity	Packaging	Cat. No.
4L	Glass Bottle	E120-4
4L	Glass Bottle	E120SK-4

Ligroine, Benzene; CAS [8032-32-4]; **Flash Point:** -17.8°C (0°F); **Boiling Point:** 38°C; **DOT Class 3:** Flammable Liquid; **UN:** 1268;

High purity solvent for pesticide residue analysis. Filtered through a sub-micron filter to remove particulates. Packaged under nitrogen.

This product also meets ACS specifications. High purity extraction solvent for GC applications. Certificate of Lot Analysis included with each bottle; UV and other chromatograms available on request.



Pentane Pesticide Grade



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	P400-4

C₅H₁₂; CH₃(CH₂)₃CH₃; F.W. 72.15; CAS [109-66-0]; **Melting Point:** -130°C (-202°F); **Flash Point:** -49°C; **Boiling Point:** 36°C (41°F) **Density:** 2.5 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1265



Petroleum Ether Pesticide Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	P480-4

Ligroine, Benzene; CAS [8032-32-4]; **Flash Point:** -17.8°C (0°F); **Boiling Point:** 38°C; **DOT Class 3:** Flammable Liquid; **UN:** 1268
 Also meets ACS specifications



Pentane Spectranalyzed™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	P393-1

C₅H₁₂; CH₃(CH₂)₃CH₃; F.W. 72.15; CAS [109-66-0]; **Melting Point:** -129.7°C; **Flash Point:** -49°C; **Boiling Point:** 35°C; **Density:** 2.5 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1265
 Suitable for use in infrared spectroscopy.

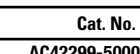


Petroleum Ether ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Glass Bottle, EcoSafPak	AC42299-5000
4L	EcoSafPak	AC42299-0040

CAS [64742-49-0]; **Flash Point:** -30°C; **Boiling Point:** 35.0° to 60.0°C; **Density:** 0.6480g/mL; **UN:** 1268



n-Pentane HPLC Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA22907K7
4 x 4L	----	AA22907M6

99% min.; CH₃(CH₂)₃CH₃; F.W. 72.15; CAS [109-66-0]; **Melting Point:** -130°C (-202°F); **Flash Point:** -49°C; **Boiling Point:** 36°C (97°F); **Density:** 0.626g/cm³; **UN:** 1265; Colorless
 Maximum level of impurities: Evaporation residue 3ppm, H₂O 0.01%.



Petroleum Ether 35/60 ACS

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA42085K2

Ligroine; CAS [8032-32-4]; **Flash Point:** -49°C; **Boiling Point:** 35° to 60°C (95° to 140°F); **Density:** 0.640g/cm³ at 20°C; Colorless
 Maximum level of impurities: Color (APHA): 10, Boiling range 35-60°C, Evaporation residue: 0.001%, Acidity P.T.

n-Pentane Extra Pure



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC17007-0010
2.5L	Glass Bottle	AC17007-0025

≥99%; C₅H₁₂; CH₃(CH₂)₃CH₃; F.W. 72.15; CAS [109-66-0]; **Melting Point:** -130.0°C; **Flash Point:** -49°C; **Boiling Point:** 36.0°C; **Density:** 0.6260g/mL; **UN:** 1265

Petroleum Ether 35/60 Environmental Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA40982K7

>98%; CAS [8032-32-4]; **Boiling Point:** 35° to 60°C (95° to 140°F);
Density: 0.640g/cm³ at 20°C; **UN:** 1268; Colorless
 Suitable for environmental and pesticide analysis

Platinum Cobalt Color Standard Solution

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SP120-500
1L	Glass Bottle	SP120-1

CAS [7647-01-0, 7791-13-1, 16921-30-5, 7732-18-5];
Melting Point: 0°C (32°F); **Density:** 1g/mL;
DOT Class 8: Corrosive; **UN:** 1789;
 Meets ASTM D1209-00. Conforms to APHA standard.

ChemAlert®
 Storage Code
 WHITE

1-Propanol

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA41465K2
4L	----	AA41465K7

99.9%; CH₃CH₂CH₂OH; **FW:** 60.1; CAS [71-23-8];
Melting Point: -127°C (-197°F); **Flash Point:** 15°C;
Boiling Point: 97°C (2.7°F); **Density:** 0.804g/cm³ at 20°C; **UN:** 1274;
 Clear; Packaged under Argon in resealable ChemSeal™ bottles;
 Water <100ppm

1-Propanol

ACS Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4 × 4L	----	AA43848M6

>99.5%; CH₃CH₂CH₂OH; **FW:** 60.1; CAS [71-23-8];
Melting Point: -127°C (-197°F); **Flash Point:** 15°C; **Boiling Point:** 97°C;
Density: 0.804g/cm³ at 20°C; **UN:** 1274; Clear
 Maximum level of impurities: Color (APHA) 10, Residue after
 evaporation 0.001%, Titratable acid 0.0004meq/g, Carbonyl
 compounds (as C₂H₅CHO) 0.03%, Ethanol (CH₃CH₂OH) 0.01%, Methanol
 (CH₃OH) 0.01%, Isopropyl alcohol (CH₃CHOCH₃) 0.05%, Water (H₂O)
 0.2%, Solubilities in water P.T.

1-Propanol

Certified

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A414-500
1L	Glass Bottle	A414-1
4L	Glass Bottle	A414-4
4L	Aluminum Can	A414S-4
20L	Steel Pail	A414-20

n-Propyl Alcohol; C₃H₈O; CH₃CH₂CH₂OH; **FW:** 60.09;
 CAS [71-23-8]; **Melting Point:** -127°C (-197°F);
Flash Point: 15°C; **Boiling Point:** 97°C;
Density: 2.07 (Air=1.0);
DOT Class 3: Flammable Liquid; **UN:** 1274

SOLVENT
 ChemAlert®
 Storage Code
 RED

1-Propanol

HPLC Grade

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA22932K2
4L	----	AA22932K7

Liquid; 99% min.; n-Propyl Alcohol; CH₃CH₂CH₂OH; **FW:** 60.1;
 CAS [71-23-8]; **Melting Point:** -127°C (-197°F); **Flash Point:** 15°C;
Boiling Point: 97°C; **Density:** 0.804g/cm³ at 20°C; **UN:** 1274; Clear

1-Propanol

Extra Pure

ACROS
ORGANICS

Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	AC14948-0025

>99%; Propyl alcohol; C₃H₈O; CH₃CH₂CH₂OH; **FW:** 60.10; CAS [71-23-8];
Melting Point: -127.0°C; **Flash Point:** 15°C; **Boiling Point:** 97.0°C;
Density: 0.8000g/mL; **UN:** 1274

2-Propanol, Anhydrous, >99.5%

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA41463K2
4L	----	AA41463K7

(CH₃)₂CHOH; **FW:** 60.1; CAS [67-63-0];
Melting Point: -90°C (-130°F); **Flash Point:** 12°C (53.6°F);
Boiling Point: 82° to 83°C (180° to 181°F); **Density:** 0.785g/cm³ at 20°C;
UN: 1219; Colorless; Solvent for Sol-Gel precursors

2-Propanol

HPLC Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4 × 4L	----	AA22906M6

>99.7%; (CH₃)₂CHOH; **FW:** 60.1; CAS [67-63-0];
Melting Point: -90°C (-130°F); **Flash Point:** 12°C (53.6°F);
Boiling Point: 82° to 83°C (180° to 181°F); **Density:** 0.785g/cm³;
UN: 1219; Colorless;

2-Propanol

GC Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA40983K7

>99.7%; (CH₃)₂CHOH; **FW:** 60.1; CAS [67-63-0];
Melting Point: -90°C (-130°F); **Flash Point:** 12°C (53.6°F);
Boiling Point: 82° to 83°C (180° to 181°F); **Density:** 0.785g/cm³ at 20°C;
UN: 1219; Colorless;
 Suitable for environmental, pesticide, and GC analysis;
 Maximum level of impurities: Color (APHA) 10, Halogenated residue
 5ppt (GC-ECD) heptachlor epoxide, Evaporation residue 5ppm, H₂O
 0.10%

2-Propanol

PHOTREX™ Reagent

J.T.Baker®

Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002090

Isopropanol, IPA; CH₃CHOHCH₃; **FW:** 60.1; CAS [67-63-0];
Flash Point: 12.00°C
 Meets ACS Reagent Chemical Requirements

2-Propanol

BAKER ANALYZED™ ACS Reagent

J.T.Baker®

Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002091
4L	Aluminum Bottle	02002092
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02002093
20L	Steel Pail	02002089

Isopropanol, IPA; CH₃CHOHCH₃; **FW:** 60.1; CAS [67-63-0];
Flash Point: 12.00°C
 Meets ACS Reagent Chemical Requirements

2-Propanol HPLC Grade



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002094
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02002095

Isopropanol, IPA; CH₃CHOHCH₃; F.W. 60.1; CAS [67-63-0]

2-Propanol BAKER ANALYZED™ LC-MS Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002088
4L	Narrow Mouth Amber Glass Bottle	02002097

Isopropanol, IPA; CH₃CHOHCH₃; F.W. 60.1;
Flash Point: 12.00°C; Filtered through a 0.2 micron filter

2-Propanol Certified ACS Reagent Grade Plus



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A416-500
1L	Glass Bottle	A416-1
4L	Glass Bottle	A416-4
4L	Glass Bottle, Safe-Cote™	A416SK-4
4L	Poly Bottle	A416P-4
4L	Aluminum Can	A416S-4
20L	Steel Pail	A416-20
200L	Steel Drum	A416-200

≥99.5%; Isopropanol, Isopropyl Alcohol; C₃H₈O; (CH₃)₂CHOH; F.W. 60.1; CAS [67-63-0];
Melting Point: -88°C; Flash Point: 12°C (53.6°F);
Boiling Point: 82°C (180°F);
Density: 2.1 (Air = 1.0); DOT Class 3: Flammable Liquid; UN: 1219;
Colorless
In addition to meeting or exceeding the latest ACS specifications, are analyzed for more than 16 metals. Actual lot analysis on label.



2-Propanol Certified



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A417-1
4L	Glass Bottle	A417-4

Isopropanol, Isopropyl Alcohol; C₃H₈O; (CH₃)₂CHOH;
F.W. 60.1; CAS [67-63-0]; Melting Point: -88°C;
Flash Point: 12°C (53.6°F);
Boiling Point: 82°C (180°F); Density: 2.1 (Air = 1.0);
DOT Class 3: Flammable Liquid; UN: 1219
Suitable for use in cholesterol and triglycerides determinations in regular and "N" methods.



2-Propanol Histological Grade



Quantity	Packaging	Cat. No.
1 gal.	Poly Bottle	A426F-1GAL
4L	Poly Bottle	A426P-4
4L	Aluminum Can	A426S-4
20L	Steel Pail	A426S-20
200L	Steel Drum	A426S-200

Isopropanol, Isopropyl Alcohol, IPA; C₃H₈O;
(CH₃)₂CHOH; F.W. 60.10; CAS [67-63-0];
Melting Point: -88°C; Flash Point: 12°C (53.6°F);
Boiling Point: 82°C (180°F); Density: 2.1 (Air = 1.0);
DOT Class 3: Flammable Liquid; UN: 1219;
Specially filtered for use in tissue processors.



2-Propanol HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A451-1
1L	Glass Bottle, Safe-Cote™	A451SK-1
4L	Glass Bottle	A451-4
4L	Glass Bottle, Safe-Cote™	A451SK-4

99.9% min by GC;
Isopropanol, Isopropyl Alcohol, IPA; C₃H₈O;
F.W. 60.1; CAS [67-63-0]; Melting Point: -88°C;
Flash Point: 12°C (53.6°F);
Boiling Point: 82°C (180°F); Density: 2.1 (Air = 1.0);
DOT Class 3: Flammable Liquid; UN: 1219
HPLC mobile phase for analytical and preparative separations. High UV transmittance and low evaporation residue. Filtered through a 0.2µm filter to remove particulates. This product also meets ACS specifications.



2-Propanol Laboratory Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	A415-4
20L	Steel Pail	A415-20

Isopropanol, Isopropyl Alcohol; C₃H₈O; (CH₃)₂CHOH;
F.W. 60.1; CAS [67-63-0]; Melting Point: -88°C;
Flash Point: 12°C (53.6°F);
Boiling Point: 82°C (180°F); Density: 2.1 (Air = 1.0);
DOT Class 3: Flammable Liquid; UN: 1219
General purpose laboratory use.



2-Propanol Low Water



Quantity	Packaging	Cat. No.
4L	Glass Bottle	A520-4

≥99.5%; Isopropanol, Isopropyl Alcohol; C₃H₈O;
F.W. 60.1; CAS [67-63-0]; Melting Point: -88°C;
Flash Point: 12°C (53.6°F);
Boiling Point: 82°C (180°F);
Density: 2.1 (Air = 1.0); DOT Class 3: Flammable Liquid; UN: 1219;
Low water concentration. Also meets ACS specifications.



2-Propanol Optima™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A464-1
4L	Glass Bottle	A464-4
4L	Glass Bottle	A464SK-4

99.9% min by GC; Isopropanol, Isopropyl Alcohol,
IPA; CH₃O; (CH₃)₂CHOH; F.W. 60.1; CAS [67-63-0];
Melting Point: -89.5°C (-129.1°F);
Flash Point: 12°C (53.6°F);
Boiling Point: 81° to 83°C (177.8° to 181.4°F) at 760mmHg;
Density: 2.1 (Air = 1.0); DOT Class 3: Flammable Liquid; UN: 1219
High purity and versatile solvent for HPLC. High UV transmittance and low evaporation residue. Filtered through a 0.2-µm filter to remove particulates. This product also meets ACS specifications.



2-Propanol Pesticide Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	A519-4

Isopropanol, Isopropyl Alcohol; C₃H₈O; (CH₃)₂CHOH;
F.W. 60.1; CAS [67-63-0]; Melting Point: -88°C;
Flash Point: 12°C (53.6°F); Boiling Point: 82°C
(180°F); Density: 2.1 (Air = 1.0);
DOT Class 3: Flammable Liquid; UN: 1219



2-Propanol Spectranalyzed™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A419-1
4L	Glass Bottle	A419-4

≥99.5%; Isopropanol, Isopropyl Alcohol; C₃H₈O; **F.W.** 60.1; CAS [67-63-0]; **Melting Point:** -88°C; **Flash Point:** 12°C (53.6°F); **Boiling Point:** 82°C (180°F); **Density:** 2.1 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1219
Suitable for use in the ultraviolet and infrared ranges. Also meets ACS specifications.



2-Propanol Semiconductor Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA19397K7
4 × 4L	----	AA19397M6

99.5% min.; (CH₃)₂CHOH; **F.W.** 60.1; CAS [67-63-0]; **Melting Point:** -90°C (-130°F); **Flash Point:** 12°C (53.6°F); **Boiling Point:** 82 to 83°C (180 to 181°F); **Density:** 0.785g/cm³ at 20°C; **UN:** 1219; Colorless
Maximum level of impurities: Color (APHA) 10, Evaporation residue 5ppm, Solubility in H₂O P.T., H₂O (by Karl Fischer titrn) 0.05%, Acidity 0.2meq/g, Alkalinity 0.1meq/g, Cl 0.2ppm, PO₄ 0.5ppm

2-Propanol USP/NF/FCC/EP/BP/JP



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A516-500
4L	Glass Bottle	A516-4
20L	Steel Pail	A516-20
200L	Steel Drum	A516-200

≥99%; Isopropanol, Isopropyl Alcohol; C₃H₈O; (CH₃)₂CHOH; **F.W.** 60.1; CAS [67-63-0]; **Melting Point:** -88°C; **Flash Point:** 12°C (53.6°F); **Boiling Point:** 82°C (180°F); **Density:** 2.1 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1219



Pyridine Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	P368-500
1L	Glass Bottle	P368-1
4L	Glass Bottle	P368-4

≥99%; Azabenzene; C₅H₅N; N:CHCH:CHCH:CH; **F.W.** 79.1; CAS [110-86-1]; **Melting Point:** -42°C; **Flash Point:** 17°C (62.6°F); **Boiling Point:** 115° to 116°C (239° to 240.8°F); **Density:** 2.73 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1282
Suitable for Karl Fischer Reagent.



2-Propanol USP/NF/FCC/EP/BP/JP



Quantity	Packaging	Cat. No.
4L	Glass Bottle	A522-4

Isopropanol, Isopropyl Alcohol; C₃H₈O; (CH₃)₂CHOH; **F.W.** 60.1; CAS [67-63-0]; **Melting Point:** -88°C; **Flash Point:** 12°C (53.6°F); **Boiling Point:** 82°C (180°F); **Density:** 2.1 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1219



Pyridine Technical Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	P369-4

C₅H₅N; N:CHCH:CHCH:CH; **F.W.** 79.1; CAS [110-86-1]; **Melting Point:** -42°C; **Flash Point:** 17°C (62.6°F); **Boiling Point:** 115° to 116°C (239° to 240.8°F); **Density:** 2.73 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1282



2-Propanol ACS Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA36644K7

99.5%; IPA, Isopropanol; (CH₃)₂CHOH; **F.W.** 60.1; CAS [67-63-0]; **Melting Point:** -90°C (-130°F); **Flash Point:** 12°C; **Boiling Point:** 82 to 83°C; **Density:** 0.785g/cm³ at 20°C; **UN:** 1219; Colorless
Solvent for gums, resins, alkaloids, essential oils.
Denaturant for ethyl alcohol. In antifreeze compositions



Pyridine Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC61099-1000

99.0%; C₅H₅N; **F.W.** 79.10; **Melting Point:** -42.0°C; **Flash Point:** 17°C; **Boiling Point:** 115.0° to 116.0°C; **Density:** 0.9780g/mL; **UN:** 1282

Pyridine Extra Dry



Quantity	Packaging	Cat. No.
1L	AcroSeal™ Glass Bottle	AC61044-0010

99.0%; C₅H₅N; **F.W.** 79.10; **Melting Point:** -42.0°C; **Flash Point:** 17°C; **Boiling Point:** 115.0° to 116.0°C; **Density:** 0.9780g/mL; **UN:** 1282

2-Propanol HPLC Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA22906K7

>99.7%; (CH₃)₂CHOH; **F.W.** 60.1; CAS [67-63-0]; **Melting Point:** -90°C (-130°F); **Flash Point:** 12°C (53.6°F); **Boiling Point:** 82° to 83°C (180° to 181°F); **Density:** 0.785g/cm³; **UN:** 1219; Colorless
Maximum level of impurities: Evaporation residue 3ppm, H₂O 0.05%, Chlorinated pesticides 5ppt.

Pyridine Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC36442-1000
500mL	AcroSeal™ Glass Bottle	AC36442-5000
1L	AcroSeal™ Glass Bottle	AC36442-0010

99.5%; C₅H₅N; **F.W.** 79.10; CAS [110-86-1]; **Melting Point:** -42.0°C; **Flash Point:** 17°C; **Boiling Point:** 115.0° to 116.0°C; **Density:** 0.9780g/mL; **UN:** 1282

Pyridine Extra Pure

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	50mL	Glass Bottle	AC13178-0500
	1L	EcoSafPak	AC13178-0010
	2.5L	Glass Bottle	AC13178-0025

≥99%; C₅H₅N; FW: 79.10; CAS [110-86-1]; Melting Point: -42.0°C; Flash Point: 17°C; Boiling Point: 115.0° to 116.0°C; Density: 0.9780g/mL; UN: 1282

Pyridine HPLC Grade

J.T.Baker	Quantity	Packaging	Cat. No.
	4L	Narrow Mouth Amber Glass Bottle	02003865

C₅H₅N; FW: 79.1; CAS [110-86-1]; Flash Point: 20°C; Low Water; Meets ACS Reagent Chemical Requirements

Pyridine ACS Reagent

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	500mL	Glass Bottle, EcoSafPak	AC41854-5000

≥99%; C₅H₅N; FW: 79.10; CAS [110-86-1]; Melting Point: -42.0°C; Flash Point: 17°C; Boiling Point: 115.0° to 116.0°C; Density: 0.9780g/mL; UN: 1282

Pyridine

Alfa Aesar	Quantity	Packaging	Cat. No.
	100mL	----	AA43799AE
	1L	----	AA43799K2

>99.5%; C₅H₅N; FW: 79.1; CAS [110-86-1]; Melting Point: -42°C; Flash Point: 20°C; Boiling Point: 115°C (239°F); Density: 0.978g/cm³ at 20°C; UN: 1282; Colorless

Reagent Alcohol, 200 Proof ACS Reagent Grade

MACRON FINE CHEMICALS	Quantity	Packaging	Cat. No.
	4L	Poly Bottle	MK7019E4

CH₃CH₂OH; FW: 46.07; CAS [64-17-5]; Absolute

Reagent Alcohol, SDA 3A

	Quantity	Packaging	Cat. No.
	4L	Poly Bottle	LC222004

90.5% Ethanol ± 2.0%; Ethyl Alcohol, SDA 3A; C₂H₆O; FW: 46.07; CAS [64-17-5, 67-63-0, 67-56-1]; Melting Point: -115°C; Flash Point: 13°C; Boiling Point: 78°C; Density: 790kg/m³; UN: 1987

Reagent Alcohol, SDA 3A, 50% Certified ACS

	Quantity	Packaging	Cat. No.
	4L	Poly Bottle	LC222004

50% v/v; Ethyl Alcohol, SDA 3A; C₂H₆O; FW: 46.07; CAS [7732-18-5, 64-17-5, 67-63-0, 67-56-1]; Density: 0.95g/mL; UN: 1987

Reagent Alcohol, SDA 3A, 70% Certified

	Quantity	Packaging	Cat. No.
	4L	Poly Bottle	LC222104

70% v/v; Ethyl Alcohol, SDA 3A; C₂H₆O; FW: 46.07; CAS [64-17-5, 7732-18-5, 67-63-0, 67-56-1]; Melting Point: -115°C; Flash Point: 25°C; Boiling Point: 78°C; Density: 0.881g/L; UN: 1987

Stoddard Solvent

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	5kg	Metal Drum	AC41973-0050

Mineral Spirits; CAS [8052-41-3]; Melting Point: -40.0°C; Flash Point: >38°C; Boiling Point: 149.0° to 213.0°C; Density: 0.7870g/mL; UN: 1268

Stoddard Solvent

F	Quantity	Packaging	Cat. No.
	4L	Glass Bottle	S457-4

CAS [64742-88-7]; Flash Point: 40°C; Boiling Point: 149°; to 185°C (300.2°; to 365°F); Density: 4.8 (Air = 1.0); DOT Class 3: Flammable Liquid; UN: 1993



Tetrahydrofuran Extra Dry

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	100mL	AcroSeal™ Glass Bottle	AC34845-1000
	1L	AcroSeal™ Glass Bottle	AC34845-0010
	2.5L	AcroSeal™ Glass Bottle	AC34845-0025

99.5%; THF; C₄H₈O; FW: 72.11; CAS [109-99-9, 128-37-0]; Melting Point: -108.4°C; Flash Point: -21°C; Boiling Point: 66.0°C; Density: 0.8800g/mL

Tetrahydrofuran Biochemical Grade

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	1L	AcroSeal™ Glass Bottle	AC45053-0010
	2.5L	AcroSeal™ Glass Bottle	AC45053-0025

99.8%; THF; C₄H₈O; FW: 72.11; CAS [109-99-9, 128-37-0]; Melting Point: -108.4°C; Flash Point: -21°C; Boiling Point: 66.0°C; Density: 0.8800g/mL

Tetrahydrofuran HPLC Grade

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	1L	Glass Bottle	AC26829-0010
	2.5L	Glass Bottle	AC26829-0025
	4L	Glass Bottle	AC26829-0040

99.8%; THF; C₄H₈O; FW: 72.11; CAS [109-99-9, 128-37-0]; Melting Point: -108.4°C; Flash Point: -21°C; Boiling Point: 66.0°C; Density: 0.8800g/mL

Tetrahydrofuran Extra Dry

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	100mL	AcroSeal™ Glass Bottle	AC61092-1000

99.9%; THF; C₄H₈O; FW: 72.11; CAS [109-99-9, 128-37-0]; Melting Point: -108.4°C; Flash Point: -21°C; Boiling Point: 66.0°C; Density: 0.8800g/mL

Tetrahydrofuran Extra Dry

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	1L	AcroSeal™ Glass Bottle	AC61045-0010

99.9%; THF; C₄H₈O; FW: 72.11; CAS [109-99-9, 128-37-0]; Melting Point: -108.4°C; Flash Point: -21°C; Boiling Point: 66.0°C; Density: 0.8800g/mL

Tetrahydrofuran Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC61091-1000
99.9%; THF; C ₄ H ₈ O; F.W. 72.11; CAS [109-99-9, 128-37-0]; Melting Point: -108.4°C; Flash Point: -21°C; Boiling Point: 66.0°C; Density: 0.8800g/mL		

Tetrahydrofuran Extra Dry



Quantity	Packaging	Cat. No.
1L	AcroSeal™ Glass Bottle	AC61090-0010
99.9%; THF; C ₄ H ₈ O; F.W. 72.11; CAS [109-99-9, 128-37-0]; Melting Point: -108.4°C; Flash Point: -21°C; Boiling Point: 66.0°C; Density: 0.8800g/mL		

Tetrahydrofuran Extra Pure



Quantity	Packaging	Cat. No.
250mL	Glass Bottle	AC18150-2500
1L	Glass Bottle	AC18150-0010
99.9%; THF; C ₄ H ₈ O; F.W. 72.11; CAS [109-99-9, 128-37-0]; Melting Point: -108.4°C; Flash Point: -21°C; Boiling Point: 66.0°C; Density: 0.8800g/mL		

Tetrahydrofuran ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA30760K2
>99%; C ₄ H ₈ O; F.W. 72.11; CAS [109-99-9]; Melting Point: -108°C (-162°F); Boiling Point: 66°C; Density: 0.889g/cm ³ at 20°C; UN: 2056; Colorless; Synthesis and Liquid Chromatography		

Tetrahydrofuran HPLC Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle, EcoSafPak	AC61010-0040
99.9%; THF; C ₄ H ₈ O; F.W. 72.11; CAS [109-99-9]; Melting Point: -108.4°C; Flash Point: -21°C; Boiling Point: 66.0°C; Density: 0.8800g/mL		

Tetrahydrofuran HPLC Grade



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle with Septum	02004425
4L	Narrow Mouth Amber Glass Bottle	02004426
C ₄ H ₈ O; F.W. 72.11; CAS [109-99-9]; Flash Point: -14.00°C; Low Water		

Tetrahydrofuran HPLC Grade



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02004417
4L	Narrow Mouth Amber Glass Bottle	02004418
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02004419
C ₄ H ₈ O; F.W. 72.11; CAS [109-99-9]; Flash Point: -14.00°C; Packaged under Argon		

Tetrahydrofuran Certified



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	T397-500
1L	Glass Bottle	T397-1
4L	Glass Bottle	T397-4
4L	Glass Bottle	T397SK-4
20L	Steel Pail	T397-20

C₄H₈O; F.W. 72.11; CAS [109-99-9, 128-37-0];
Melting Point: -108.5°C; Flash Point: -21°C;
Boiling Point: 66°C; Density: 0.89g/mL;
DOT Class 3: Flammable Liquid; UN: 2056
Contains about 0.025% butylated hydroxytoluene as a preservative.
Purity is guaranteed to meet published maximum limits of impurities.



Tetrahydrofuran Histological Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	T400-500
4L	Glass Bottle	T400-4
20L	Steel Pail	T400-20

THF; C₄H₈O; CH₂(CH₂)₂CHO; F.W. 72.11;
CAS [109-99-9, 128-37-0]; Melting Point: -108.5°C;
Flash Point: -21°C; Boiling Point: 66°C;
Density: 0.89g/mL; DOT Class 3: Flammable Liquid;
UN: 2056
Contains about 0.025% butylated hydroxytoluene as a preservative.



Tetrahydrofuran HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	T425-1
1L	Glass Bottle, Safe-Cote™	T425SK-1
4L	Glass Bottle	T425-4
4L	Glass Bottle, Safe-Cote™	T425SK-4

99.9% min by GC; THF; C₄H₈O; CH₂(CH₂)₂CH₂O;
F.W. 72.11; CAS [109-99-9]; Melting Point: -108.5°C;
Flash Point: -21°C; Boiling Point: 66°C;
Density: 2.5 (Air = 1.0);
DOT Class 3: Flammable Liquid; UN: 2056
HPLC mobile phase for analytical and preparative separations. High UV transmittance and low evaporation residue. Suitable for gradient and isocratic conditions. This product also meets ACS specifications. Unstabilized. No preservative added.



Tetrahydrofuran Optima™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	T427-1
4L	Glass Bottle	T427-4
4L	Glass Bottle, Safe-Cote™	T427SK-4

99.9% min by GC; THF; Diethylene Oxide; C₄H₈O;
F.W. 72.11; CAS [109-99-9]; Melting Point: -108.5°C;
Flash Point: -21°C; Boiling Point: 66°C;
Density: 2.5 (Air = 1.0);
DOT Class 3: Flammable Liquid; UN: 2056
Certificate of Lot Analysis included with each bottle; UV and other chromatograms available on request.
High purity and versatile solvent for HPLC. High UV transmittance and low evaporation residue. Filtered through 0.2-µm filter to remove particulates. This product also meets ACS specifications.



Tetrahydrofuran Spectranalyzed™



Quantity	Packaging	Cat. No.
4L	Glass Bottle	T424-4

>99.9%; THF; C₄H₈O; CH₂(CH₂)₂CH₂O; F.W. 72.11; CAS [109-99-9]; **Melting Point:** -108.5°C; **Flash Point:** -21°C; **Boiling Point:** 66°C; **Density:** 2.5 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 2056
Contains no preservatives.



Tetrahydrofuran HPLC Grade



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02004427

C₄H₈O; F.W. 72.11; CAS [109-99-9]; **Flash Point:** -14.00°C; Stabilized

Tetrahydrofuran

Alfa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA44608K2

>99.8%; C₄H₈O; F.W. 72.11; CAS [109-99-9]; **Melting Point:** -108°C (-162°F); **Boiling Point:** 66°C; **Density:** 0.889g/cm³ at 20°C; **UN:** 2056; Colorless; Synthesis and Liquid Chromatography; Packaged under Argon in resealable ChemSeal™ bottles

Tetrahydrofuran

Alfa Aesar

Quantity	Packaging	Cat. No.
1L	Resealable ChemSeal™ Bottles	AA41820K2

>99.8%; C₄H₈O; F.W. 72.11; CAS [109-99-9]; **Melting Point:** -108°C; **Flash Point:** -17°C (1°F); **Boiling Point:** 66°C; **Density:** 0.889g/mL; **UN:** 2056; Colorless; Synthesis and Liquid Chromatography; Anhydrous, Unstabilized; Packaged under Argon in resealable ChemSeal™ bottles

Tetrahydrofuran

Alfa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA42254K2
4L	----	AA42254K7

>99.8%; C₄H₈O; F.W. 72.11; CAS [109-99-9]; **Melting Point:** -108°C (-162°F); **Flash Point:** -17°C; **Boiling Point:** 66°C; **Density:** 0.889g/cm³ at 20°C; **UN:** 2056; Colorless; For synthesis and Liquid Chromatography

Tetrahydrofuran HPLC Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA38994K7

>99.7%; C₄H₈O; F.W. 72.11; CAS [109-99-9]; **Melting Point:** -108°C (-162°F); **Flash Point:** -17°C; **Boiling Point:** 66°C; **Density:** 0.889g/cm³ at 20°C; **UN:** 2056; Colorless
With 250ppm BHT

Tetrahydrofuran Spectrophotometric Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA32468K7

>99.7%; C₄H₈O; F.W. 72.11; CAS [109-99-9]; **Melting Point:** -108°C (-162°F); **Flash Point:** -17°C; **Boiling Point:** 66°C; **Density:** 0.889g/cm³ at 20°C; **UN:** 2056; Colorless

Toluene ULTRA RESI-ANALYZED™



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02004462

C₆H₅CH₃; F.W. 92.14; CAS [108-88-3]; **Flash Point:** 4°C; 99.7%

Toluene HPLC Grade



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02004463
4L	Narrow Mouth Amber Glass Bottle	02004467
4L	Narrow Mouth PVC-Coated Amber Glass Bottle	02004468

C₆H₅CH₃; F.W. 92.14; CAS [108-88-3]; **Flash Point:** 4.00°C

Toluene BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
4L	Aluminum Bottle	02004470

C₆H₅CH₃; F.W. 92.14; CAS [108-88-3]; **Flash Point:** 4.00°C
Meets ACS Reagent Chemical Requirements

Toluene Certified ACS Reagent Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	T324-500
1L	Glass Bottle	T324-1
4L	Glass Bottle	T324-4
4L	Glass Bottle, Safe-Cote™	T324SK-4
4L	Aluminum Can	T324S-4
20L	Steel Pail	T324-20
200L	Steel Drum	T324-200

>99.5%; Methylbenzene, Toluol, Phenyl Methane; C₆H₅CH₃; F.W. 92.14; CAS [108-88-3]; **Melting Point:** -95°C (-139°F); **Flash Point:** 4°C; **Boiling Point:** 110.6°C; **Density:** 3.1 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1294



Toluene Histological Grade



Quantity	Packaging	Cat. No.
1 gal.	Poly Bottle	T326F-1GAL
4L	Poly Bottle	T326P-4
20L	Steel Pail	T326S-20

Methylbenzene, Toluol; C₆H₅; C₆H₅CH₃; F.W. 92.14; CAS [108-88-3]; **Flash Point:** 4°C; **Density:** 3.1 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1294



Toluene HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	T290-1
1L	Glass Bottle, Safe-Cote™	T290SK-1
4L	Glass Bottle	T290-4
4L	Glass Bottle, Safe-Cote™	T290SK-4

99.8% min by GC; PhMe, PhCH₃, Methylbenzene, Phenyl Methane; C₆H₅CH₃; F.W. 92.14; CAS [108-88-3]; **Melting Point:** -95°C (-139°F); **Flash Point:** 4°C; **Boiling Point:** 110.6°C; **Density:** 3.1 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1294
HPLC mobile phase for analytical and preparative separations. High UV transmittance and low evaporation residue. Filtered through sub-micron filter to remove particulates. This product also meets ACS specifications.



Toluene Laboratory Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	T323-4
20L	Steel Pail	T323-20

Methylbenzene, Toluol; $C_6H_5CH_3$; **FW.** 92.14; CAS [108-88-3]; **Melting Point:** $-95.0^{\circ}C$ ($-139^{\circ}F$); **Flash Point:** $4^{\circ}C$; **Boiling Point:** $110.6^{\circ}C$ ($41^{\circ}F$); **Density:** 3.1 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1294



Toluene Optima™



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	T291-4

$\geq 99.8\%$; Methylbenzene, Toluol, Phenyl Methane; $C_6H_5CH_3$; **FW.** 92.14; CAS [108-88-3]; **Melting Point:** $-95.0^{\circ}C$ ($-139^{\circ}F$); **Flash Point:** $4^{\circ}C$; **Boiling Point:** $110.6^{\circ}C$; **Density:** 3.1 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1294
High purity and versatile solvent for HPLC, GC and pesticide residue analysis. High UV transmittance and low evaporation residue. Filtered through a sub-micron filter to remove particulates. Packaged under Nitrogen. This product also meets ACS specifications. Certificate of Lot Analysis included with each bottle; UV and other chromatograms available on request.



Toluene Spectranalyzed™



Quantity	Packaging	Cat. No.
4L	Glass Bottle	T330-4

$\geq 99.5\%$; Methylbenzene, Toluol; $C_6H_5CH_3$; **FW.** 92.14; CAS [108-88-3]; **Melting Point:** $-95.0^{\circ}C$ ($-139^{\circ}F$); **Flash Point:** $4^{\circ}C$; **Boiling Point:** $110.6^{\circ}C$; **Density:** 3.1 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1294
For use in the ultraviolet and infrared ranges. Also meets ACS specifications.



Toluene ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA31755K7

99.5%; Methylbenzene; $C_6H_5CH_3$; **FW.** 92.14; CAS [108-88-3]; **Melting Point:** $-93^{\circ}C$; **Boiling Point:** $111^{\circ}C$; **Density:** $0.867g/cm^3$ at $20^{\circ}C$; **UN:** 1294; Colorless

Toluene ACS Reagent Grade



Quantity	Packaging	Cat. No.
500mL	Metal Drum	AC42455-5000
1L	Metal Drum	AC42455-0010

99.5%; Tol, Methylbenzene; C_7H_8 ; $C_6H_5CH_3$; **FW.** 92.14; CAS [108-88-3]; **Melting Point:** $-95.0^{\circ}C$; **Flash Point:** $4^{\circ}C$; **Boiling Point:** $111.0^{\circ}C$; **Density:** $0.8660g/mL$; **UN:** 1294

Toluene Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC61095-1000

99.8%; Tol, Methylbenzene; C_7H_8 ; $C_6H_5CH_3$; **FW.** 92.14; **Melting Point:** $-95.0^{\circ}C$; **Flash Point:** $4^{\circ}C$; **Boiling Point:** $111.0^{\circ}C$; **Density:** $0.8660g/mL$; **UN:** 1294

Toluene Extra Dry



Quantity	Packaging	Cat. No.
1L	AcroSeal™ Glass Bottle	AC61046-0010

99.8%; Tol, Methylbenzene; C_7H_8 ; $C_6H_5CH_3$; **FW.** 92.14; **Melting Point:** $-95.0^{\circ}C$; **Flash Point:** $4^{\circ}C$; **Boiling Point:** $111.0^{\circ}C$; **Density:** $0.8660g/mL$; **UN:** 1294

Toluene Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC44840-1000

99.85%; Tol, Methylbenzene; C_7H_8 ; $C_6H_5CH_3$; **FW.** 92.14; CAS [108-88-3]; **Melting Point:** $-95.0^{\circ}C$; **Flash Point:** $4^{\circ}C$; **Boiling Point:** $111.0^{\circ}C$; **Density:** $0.8660g/mL$

Toluene ACS Grade



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	LC261704

$\geq 99.5\%$; C_7H_8 ; **FW.** 92.14; CAS [108-88-3]; **Melting Point:** $-95^{\circ}C$; **Boiling Point:** $111^{\circ}C$; **Density:** $870kg/m^3$; **DOT Class 3:** Flammable Liquid; **UN:** 1294

Toluene HPLC Grade



Quantity	Packaging	Cat. No.
4L	EcoSafPak	AC61011-0040

Tol, Methylbenzene; C_7H_8 ; $C_6H_5CH_3$; **FW.** 92.14; **Melting Point:** $-95.0^{\circ}C$; **Flash Point:** $4^{\circ}C$; **Boiling Point:** $111.0^{\circ}C$; **Density:** $0.8660g/mL$; **UN:** 1294

Toluene For Spectroscopy ACS



Quantity	Packaging	Cat. No.
4L	Metal Drum	AC42117-0040

99.5%; Tol, Methylbenzene; C_7H_8 ; $C_6H_5CH_3$; **FW.** 92.14; CAS [108-88-3]; **Melting Point:** $-95.0^{\circ}C$; **Flash Point:** $4^{\circ}C$; **Boiling Point:** $111.0^{\circ}C$; **Density:** $0.8660g/mL$; **UN:** 1294

Toluene Technical Grade



Quantity	Packaging	Cat. No.
5L	Plastic Drum	AC45197-0050

Tol, Methylbenzene; C_7H_8 ; $C_6H_5CH_3$; **FW.** 92.14; CAS [108-88-3]; **Melting Point:** $-95.0^{\circ}C$; **Flash Point:** $4^{\circ}C$; **Boiling Point:** $111.0^{\circ}C$; **Density:** $0.8660g/mL$

Toluene, Anhydrous

Alfa Aesar

Quantity	Packaging	Cat. No.
250mL	----	AA41464AK
1L	----	AA41464K2
4L	----	AA41464K7

99.8%; $C_6H_5CH_3$; **FW.** 92.14; CAS [108-88-3]; **Melting Point:** $-93^{\circ}C$; **Flash Point:** $4^{\circ}C$; **Boiling Point:** $111^{\circ}C$; **Density:** $0.867g/mL$

2,2,4-Trimethylpentane ULTRA RESI-ANALYZED™



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02002058

Iso-octane; $(CH_3)_3CCH_2CH(CH_3)_2$; **FW.** 114.23; CAS [540-84-1]; **Flash Point:** $-12^{\circ}C$

2,2,4-Trimethylpentane HPLC Grade



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002062

Meets ACS Reagent Chemical Requirements; (CH₃)₃CCH₂CH(CH₃)₂;
F.W. 114.23; CAS [540-84-1]; **Flash Point:** -12.00°C

Water GC Headspace Grade



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	W10-1

Oxidane; H₂O; F.W. 18.01; CAS [7732-18-5]



Water HPLC Grade



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02004558

H₂O; F.W. 18.00; CAS [7732-18-5]

Water ULTREX™ II Ultrapure Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Poly Bottle	02004559

H₂O; F.W. 18; CAS [7732-18-5]

Water BAKER ANALYZED™ ULTRA LC/MS



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Flint Glass Bottle	02004556

H₂O; F.W. 18; CAS [7732-18-5]

Water BAKER ANALYZED™ ULTRA LC/MS



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Flint Glass Bottle	02004557

H₂O; F.W. 18; CAS [7732-18-5]
Filtered through a 0.2 micron filter

Water BAKER ANALYZED™ LC-MS Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02004562
4L	Narrow Mouth Amber Glass Bottle	02004563

H₂O; F.W. 18.02; CAS [7732-18-5]
Filtered through a 0.2 micron filter

Water BAKER ANALYZED™ LC-MS Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02004564

Water, 0.05% Trifluoroacetic Acid

Water Environmental Grade



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	W11-1
4L	Amber Glass Bottle	W11-4

H₂O; F.W. 18.02; CAS [7732-18-5];
Packaged in precleaned amber glass bottles to protect product integrity.
Certificate of Lot Analysis included with each bottle.



Water HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	W5-1
1L	Glass Bottle, Safe-Cote™	W5SK-1
4L	Glass Bottle	W5-4
4L	Glass Bottle, Safe-Cote™	W5SK-4
19L	NOWPak™ I	W5N1-19

H₂O; F.W. 18.02; CAS [7732-18-5]; **Melting Point:** 0°C (32°F);
Boiling Point: 100°C (212°F); **Density:** 1g/mL; Colorless
HPLC mobile phase for analytical and preparative separations. Suitable for gradient and isocratic conditions.
Filtered through a 0.5µm filter to remove particulates.



Water Optima™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	W7-1
4L	EcoSafPak™ Glass Bottle	W7-4
4L	Glass Bottle	W7SK-4

H₂O; F.W. 18.02; CAS [7732-18-5]; **Melting Point:** 0°C (32°F);
Boiling Point: 100°C; **Density:** 1g/mL;
High purity mobile phase for HPLC. High UV transmittance and low evaporation residue. Suitable for gradient and isocratic conditions. HPLC mobile phase for analytical and preparative separations. Filtered through a 0.5µm filter to remove particulates. This product also meets ACS specifications.
Certificate of Lot Analysis included with each bottle; UV and other chromatograms available on request.



Water UHPLC-MS Optima™



Quantity	Packaging	Cat. No.
1L	Clear Borosilicate Glass Bottle	W8-1

H₂O; F.W. 18.02; CAS [7732-18-5]; **Melting Point:** 0°C (32°F);
Boiling Point: 100°C; **Density:** 1g/mL
Unique signal to noise specification for the chemical industry where the solvent quality is linked directly to the sensitivity of the mass spectrometer. 0.03 micron filtration ensures reduction in clogging of instrument, columns and check valves. Packaged in borosilicate glass to ensure low metal content in mobile phase solvents minimizing formation of metal ion adducts. Fisher Chemical UHPLC-MS solvents have an UHPLC-UV Gradient Suitability specification which covers the full 200 to 400 nm range ideal for dual detection. Ideal mobile phase for UHPLC-MS applications in pharmaceutical, biotechnology, clinical, environmental and food industries.



Water USP Purified



Quantity	Packaging	Cat. No.
55 Gal.	Drum	919100055E

H₂O; F.W. 18.02; CAS [7732-18-5]; **Melting Point:** 0°C (32°F);
Boiling Point: 100°C; **Density:** 1g/mL

Water World/GMP, USP/EP/JP Grade



Quantity	Packaging	Cat. No.
5 gal.	Poly Cube	16101402
55 gal.	UV Poly Drum	16101403

H₂O; **FW.** 18.02; **CAS** [7732-18-5]; **Melting Point:** 0°C (32°F);
Boiling Point: 100°C (212°F); **Density:** 1.0g/mL at 3.98°C (39.16°F);
 Colorless
 General purpose solvent use

Water Certified ACS Grade



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC267404
20L	Cubitainer™	LC267405

H₂O; **FW.** 18.02; **CAS** [7732-18-5]; **Melting Point:** 0°C;
Boiling Point: 100°C; **Density:** 0.99823g/mL; Deionized, ASTM Type I

Water Certified ACS



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC267504
20L	Cubitainer™	LC267505
200L	Poly Drum	LC26750200

H₂O; **FW.** 18.02; **CAS** [7732-18-5]; **Melting Point:** 0°C;
Boiling Point: 100°C; **Density:** 0.99823g/mL; Deionized, ASTM Type II

Water



Quantity	Packaging	Cat. No.
10L	Plastic Drum	AC38940-0100

H₂O; **FW.** 18.02; **CAS** [7732-18-5]; **Boiling Point:** 100.0°C;
Density: 1.0000g/mL

Water Molecular Biology Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC32739-0010
5L	Plastic Drum	AC32739-0050

H₂O; **FW.** 18.02; **CAS** [7732-18-5]; **Boiling Point:** 100.0°C;
Density: 1.0000g/mL

Water HPLC Grade



Quantity	Packaging	Cat. No.
4 x 4L	----	AA22934M6

H₂O; **FW.** 18.02; **CAS** [7732-18-5]; **Melting Point:** 18.0°C;
Boiling Point: 100°C; **Density:** 1.000g/mL

Water HPLC/ACS Reagent Grade



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	915332
4L	Amber Glass Bottle	91531

H₂O; **FW.** 18.02; **CAS** [7732-18-5]; **Melting Point:** 0°C (32°F);
Boiling Point: 100°C; **Density:** 1g/mL

Water Optima™ LC/MS



Quantity	Packaging	Cat. No.
1L	Glass Bottle	W6-1
4L	Glass Bottle	W6-4

H₂O; **FW.** 18.02; **CAS** [7732-18-5]; **Melting Point:** 0°C (32°F);
Boiling Point: 100°C (212°F); **Density:** 1g/mL
 Ideal mobile phase for LC/MS and UHPLC-UV applications in pharmaceutical, biotechnology, clinical, environmental and food safety industries. Novel gradient elution test with Photodiode Array Detector screens for UV-absorbing contaminants at every wavelength in the 200 to 400nm range to afford smooth baselines and to reduce interferences. Evaluated for 17 metal impurities at ppb concentrations to minimize the formation of metal adducts during analysis and simplify spectral interpretation. 0.03 micron filtration minimizes troublesome particles that may interfere with LC/MS and UHPLC system performance and provides an ideal solution to prepare cleaner, particle-free mobile phase blends. Positive mode ionization (as propazine) and negative mode ionization (as mecoprop) with ESI and Single Quadrupole MS detect organic contaminants at max 50ppb and max 300ppb, respectively. Actual Lot Analysis reported on label; Certificate of Actual Lot Analysis available on request; 0.03 micron filtered.



Water USP/EP Purified



Quantity	Packaging	Cat. No.
4L	Poly Natural Bottle	91901
10L	Cubitainer	919025
20L	Cubitainer	91905

H₂O; **FW.** 18.02; **CAS** [7732-18-5]; **Melting Point:** 0°C (32°F);
Boiling Point: 100°C; **Density:** 1g/mL

Water BAKER ANALYZED™ LC-MS Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02004566
4L	Narrow Mouth Amber Glass Bottle	02004568

H₂O; **FW.** 18.02; **CAS** [7732-18-5]; **Melting Point:** 0°C (32°F);
Boiling Point: 100°C; **Density:** 1g/mL; 0.1% Formic Acid;
 Filtered through a 0.2 micron filter

Water BAKER ANALYZED™ LC-MS Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02004569
4L	Narrow Mouth Amber Glass Bottle	02004570

H₂O; **FW.** 18.02; **CAS** [7732-18-5]; **Melting Point:** 0°C (32°F);
Boiling Point: 100°C; **Density:** 1g/mL; 0.1% Trifluoroacetic Acid

Water Certified ACS



Quantity	Packaging	Cat. No.
4L	----	AA36645K7

H₂O; **FW.** 18.02; **CAS** [7732-18-5]; **Melting Point:** 0°C (32°F);
Boiling Point: 100°C; **Density:** 1.000g/cm³ at 20°C

Water USP/EP Grade



Quantity	Packaging	Cat. No.
1 Gallon (3.8L)	Bottle	04355124
5 Gallon (19L)	Bottle	04355125
55 Gallon (208.5L)	Bottle	04355126

H₂O; **FW.** 18.02; **CAS** [7732-18-5]; **Melting Point:** 0°C (32°F);
Boiling Point: 100°C; **Density:** 1g/mL

Water USP/EP Grade



Quantity	Packaging	Cat. No.
0.92 gal. (3.8L)	Bottle	22281500

H₂O; F.W. 18.02; CAS [7732-18-5]; **Melting Point:** 0°C (32°F); **Boiling Point:** 100°C; **Density:** 1g/mL

Water, D.I.U.F.



Quantity	Packaging	Cat. No.
4L	Poly Bottle	W2-4
20L	PolyPac™	W2-20

Deionized ultra-filtered water; H₂O; F.W. 18.02; CAS [7732-18-5]; **Melting Point:** 0°C (32°F); **Boiling Point:** 100°C (212°F); **Density:** 1g/mL

ChemAlert® Storage Code
GRAY

Water with 0.1% Formic Acid (v/v) HPLC Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	HB523-4

≥98.5%; CAS [64-18-6, 7732-18-5]; H₂O; F.W. 18.02; **Melting Point:** 0°C (32°F); **Boiling Point:** 100°C; **Density:** 1g/mL

ChemAlert® Storage Code
GRAY

Water with 0.1% Trifluoroacetic Acid (v/v) HPLC Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	HB513-4

CAS [7732-18-5, 76-05-1] H₂O; F.W. 18.02; **Melting Point:** 0°C (32°F); **Boiling Point:** 100°C; **Density:** 1g/mL

ChemAlert® Storage Code
GRAY

m-Xylene Laboratory Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	05079-4

C₈H₁₀; C₆H₄(CH₃)₂; F.W. 106.16; CAS [108-38-3]; **Melting Point:** -48°C; **Flash Point:** 25°C; **Boiling Point:** 139°C; **Density:** 0.86g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1307

SOLVENT ChemAlert® Storage Code
RED

m-Xylene Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC15893-1000

99%; 1,3-Dimethylbenzene; C₈H₁₀; C₆H₄(CH₃)₂; F.W. 106.17; CAS [108-38-3]; **Melting Point:** -48.0°C; **Flash Point:** 25°C; **Boiling Point:** 139.0°C; **Density:** 0.8640g/mL

o-Xylene Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC44302-1000
1L	AcroSeal™ Glass Bottle	AC44302-0010

99%; 1,2-Dimethylbenzene; C₈H₁₀; C₆H₄(CH₃)₂; F.W. 106.17; CAS [95-47-6]; **Melting Point:** -25.0°C; **Flash Point:** 31°C; **Boiling Point:** 143.0° to 145.0°C; **Density:** 0.8780g/mL

o-Xylene Pure



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC14099-0010
2.5L	Glass Bottle	AC14099-0025

99%; 1,2-Dimethylbenzene; C₈H₁₀; C₆H₄(CH₃)₂; F.W. 106.17; CAS [95-47-6]; **Melting Point:** -25.0°C; **Flash Point:** 31°C; **Boiling Point:** 143.0° to 145.0°C; **Density:** 0.8780g/mL; **UN:** 1307

o-Xylene Certified



Quantity	Packaging	Cat. No.
4L	Glass Bottle	05081-4

C₈H₁₀; C₆H₄(CH₃)₂; F.W. 106.16; CAS [95-47-6, 100-41-4]; **Melting Point:** -25°C; **Flash Point:** 31°C; **Boiling Point:** 143° to 145°C (289.4° to 293°F); **Density:** 3.7; **DOT Class 3:** Flammable Liquid; **UN:** 1307

SOLVENT ChemAlert® Storage Code
RED

p-Xylene Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	05082-500
4L	Glass Bottle	05082-4

C₈H₁₀; C₆H₄(CH₃)₂; F.W. 106.17; CAS [106-42-3]; **Melting Point:** 13°C; **Flash Point:** 25°C; **Boiling Point:** 138°C; **Density:** 0.87g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1307

SOLVENT ChemAlert® Storage Code
RED

Xylenes BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
4L	Aluminum Bottle	02004575

C₈H₄(CH₃)₂; F.W. 106.17; CAS [1330-20-7]; **Flash Point:** 29.00°C; Contains ethylbenzene

Xylenes Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	X5-500
1L	Glass Bottle	X5-1
1 gal.	Poly Bottle	X5P-1GAL
4L	Glass Bottle	X5-4
4L	Glass Bottle, Safe-Cote™	X5SK-4
4L	Aluminum Can	X5S-4
20L	Steel Pail	X5-20
200L	Steel Drum	X5-200

≥98.5%; Xylol, Dimethylbenzene; C₈H₁₀; F.W. 106.17; CAS [1330-20-7, 100-41-4]; **Melting Point:** -34°C (-29.2°F); **Flash Point:** 25.6°C (78.1°F); **Boiling Point:** 136° to 140°C (276.8° to 284°F); **Density:** 3.66 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1307

SOLVENT ChemAlert® Storage Code
RED

Xylenes

Histological Grade



Quantity	Packaging	Cat. No.
1 gal.	Poly Bottle, F-Style	X3F-1GAL
1 gal.	Poly Bottle	X3P-1GAL
4L	Aluminum Can	X3S-4
20L	Steel Pail	X3S-20
200L	Steel Drum	X3S-200

Xylol, Dimethylbenzene; C_8H_{10} ; $C_6H_4(CH_3)_2$

F.W. 106.17; CAS [1330-20-7, 100-41-4];

Melting Point: $-34^{\circ}C$ ($-29.2^{\circ}F$);

Flash Point: $25.6^{\circ}C$ ($78.1^{\circ}F$);

Boiling Point: 136° to $140^{\circ}C$ (276.8° to $284^{\circ}F$); **Density:** 0.865 ($H_2O=1$);

DOT Class 3: Flammable Liquid; **UN:** 1307; Clear

SOLVENT

ChemAlert®
Storage Code
RED

Xylenes

Laboratory Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	X4-4
20L	Steel Pail	X4-20

Naphtha Solvent from Coal Tar, Xylol,

Dimethylbenzene; C_8H_{10} ; $C_6H_4(CH_3)_2$;

F.W. 106.17; CAS [1330-20-7, 100-41-4];

Melting Point: $-34^{\circ}C$ ($-29.2^{\circ}F$);

Flash Point: $25.6^{\circ}C$ ($78.1^{\circ}F$);

Boiling Point: 136° to $140^{\circ}C$ (276.8° to $284^{\circ}F$); **Density:** 3.66 (Air = 1.0);

DOT Class 3: Flammable Liquid; **UN:** 1307

SOLVENT

ChemAlert®
Storage Code
RED

Xylenes

Semiconductor Grade

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA19402K2
4 × 1L	----	AA19402M1
4L	----	AA19402K7

$(CH_3)_2C_6H_4$; **F.W.** 106.17; CAS [1330-20-7];

Melting Point: $<-25^{\circ}C$ ($<-13^{\circ}F$); **Flash Point:** $29^{\circ}C$;

Boiling Point: 137° to $144^{\circ}C$ (279° to $291^{\circ}F$); **Density:** $0.860g/cm^3$;

UN: 1307; Colorless

Xylenes

ACROS
ORGANICS

Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC38394-0010
5L	Plastic Bottle	AC38394-0050

$\geq 98\%$; C_8H_{10} ; $C_6H_4(CH_3)_2$; **F.W.** 106.17; CAS [1330-20-7];

Melting Point: $-34.0^{\circ}C$; **Flash Point:** $23^{\circ}C$;

Boiling Point: 136.0° to $140.0^{\circ}C$; **Density:** $0.8650g/mL$

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ACETIC ACID, GLACIAL ANALYTICAL REAGENTS A

Acetic Acid Optima™



Quantity	Packaging	Cat. No.
250mL	FEP Bottle	A465-250
500mL	FEP Bottle	A465-500
1L	FEP Bottle	A465-1

Methanecarboxylic Acid; CH_3COOH ; **F.W.** 60.05; CAS [64-19-7]; **Melting Point:** 16.6° to 16.7°C; **Boiling Point:** 118°C; **Density:** 1.05g/mL; **DOT Class 8:** Corrosive; **UN:** 2789; Certificate of Analysis included with each bottle. Ideal for analysis by ICP-MS and high-resolution ICP-MS. Evaluated for 65 metals at low-level ppt concentrations. Manufactured, purified, and packaged in a Class 1000 clean room. Packaged in specially cleaned Teflon FEP for PFA Bottles to maintain product integrity and to eliminate metal leaching from Glass Bottles. Three-year shelf life from time of manufacture - available on COA. **Applications:** Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.



Acetic Acid, Glacial Trace Metal™



Quantity	Packaging	Cat. No.
500mL	HDPE Bottle	A507-P500
2.5L	HDPE Bottle	A507-P212
4L	HDPE Bottle	A507-4

Liquid; Methanecarboxylic Acid, Vinegar Acid; CH_3COOH ; **F.W.** 60.05; CAS [64-19-7]; **Melting Point:** 16.6° to 16.7°C; **Boiling Point:** 118°C; **Density:** 1.05g/mL; **DOT Class 8:** Corrosive; **UN:** 2789; Certificate of Analysis included with each shipment. Ideal for analysis by IC, GF or Flame AA, ICP-OES and ICP-MS. Evaluated for 65 metals at <1 ppb concentrations. Manufactured, purified, and packaged in a Class 1000 clean room. Packaged in non-breakable polypropylene bottles to maintain product integrity and to eliminate metal leaching from Glass Bottles. Three-year shelf life from time of manufacture - available on COA. 45mm bottle neck size. **Applications:** Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.



Acetic Acid, Glacial HPLC Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A35-500

≥99.7% w/w; Methanecarboxylic Acid; $\text{C}_2\text{H}_4\text{O}_2$; CH_3COOH ; **F.W.** 60.05; CAS [64-19-7]; **Melting Point:** 16° to 16.5°C (60.8° to 61.7°F); **Flash Point:** 40°C; **Boiling Point:** 117° to 118°C (242.6° to 244.4°F); **Density:** 2.10 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 2789; Also meets ACS specifications



Acetic Acid, Glacial Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle/Safe-Cote™	A38S-500
500mL	Glass Bottle	A38-500
2.5L	Glass Bottle	A38-212
2.5L	Glass Bottle/Safe-Cote™	A38S-212
2.5L	Glass Bottle/Safe-Cote™ Individual	A38SI-212
6 × 2.5L	Glass Bottle	A38C-212
20L	Poly Drum	A38P-20
450 lb.	Poly Drum	A38-450LB

≥99.7% w/w; $\text{C}_2\text{H}_4\text{O}_2$; CH_3COOH ; **F.W.** 60.05; CAS [64-19-7]; **Melting Point:** 16° to 16.5°C (60.8° to 61.7°F); **Flash Point:** 40°C; **Boiling Point:** 117° to 118°C (242.6° to 244.4°F); **Density:** 2.10 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 2789



Acetic Acid, Glacial USP/FCC



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	A490-212

Methanecarboxylic Acid; $\text{C}_2\text{H}_4\text{O}_2$; CH_3COOH ; **F.W.** 60.05; CAS [64-19-7]; **Melting Point:** 16° to 16.5°C (60.8° to 61.7°F); **Flash Point:** 40°C; **Boiling Point:** 117° to 118°C (242.6° to 244.4°F); **Density:** 2.10 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 2789



Acetic Acid Optima™ LC/MS



Quantity	Packaging	Cat. No.
1mL	Ampule	A113-1AMP
10 × 1mL	Ampule	A113-10X1AMP

≥99.7%; $\text{C}_2\text{H}_4\text{O}_2$; CH_3COOH ; **F.W.** 60.05; CAS [64-19-7]; **Melting Point:** 16° to 16.5°C (60.8° to 61.7°F); **Flash Point:** 40°C; **Boiling Point:** 117° to 118°C (242.6° to 244.4°F); **Density:** 2.10 (Air = 1.0)

Acetic Acid, Glacial USP/FCC/EP/BP



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	A491-212

Methanecarboxylic Acid; $\text{C}_2\text{H}_4\text{O}_2$; CH_3COOH ; **F.W.** 60.05; CAS [64-19-7]; **Melting Point:** 16° to 16.5°C (60.8° to 61.7°F); **Flash Point:** 40°C; **Boiling Point:** 117° to 118°C (242.6° to 244.4°F); **Density:** 2.10 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 2789



Acetic Acid, Glacial



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC22214-0010
2.5L	Glass Bottle	AC22214-0025

99.8%; Glacial Acetic Acid; $\text{C}_2\text{H}_4\text{O}_2$; CH_3COOH ; **F.W.** 60.05; CAS [64-19-7]; **Melting Point:** 16.0° to 16.5°C; **Flash Point:** 40°C; **Boiling Point:** 117.0° to 118.0°C; **Density:** 1.0480g/mL; **UN:** 2789

Acetic Acid, Glacial Biochemical Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC14893-0010
2.5L	Plastic Drum	AC14893-0025

99.8%; Glacial Acetic Acid; $\text{C}_2\text{H}_4\text{O}_2$; CH_3COOH ; **F.W.** 60.05; CAS [64-19-7]; **Melting Point:** 16.0° to 16.5°C; **Flash Point:** 40°C; **Boiling Point:** 117.0° to 118.0°C; **Density:** 1.0480g/mL; **UN:** 2789

Acetic Acid ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Plastic Drum	AC42322-5000
2.5L	Plastic Drum	AC42322-0025

≥99.7%; Glacial acetic acid; C₂H₄O₂; CH₃COOH; **FW.** 60.05; CAS [64-19-7]; **Melting Point:** 16.0° to 16.5°C; **Flash Point:** 40°C; **Boiling Point:** 117.0° to 118.0°C; **Density:** 1.0480g/mL; **UN:** 2789

Acetic Acid, Glacial ACS Reagent



Quantity	Packaging	Cat. No.
500mL	----	AA36289AP

Liquid; 99.7+%; CH₃CO₂H; **FW.** 60.05; CAS [64-19-7]; **Melting Point:** 16.6°C; **Flash Point:** 40°C; **Boiling Point:** 118.1°; **Density:** 1.049

Acetic Acid, Glacial BAKER INSTRA-ANALYZED™ Plus



Quantity	Packaging	Cat. No.
500mL	PFA Bottle	02002142
2.5L	Poly Bottle	02002140
4L	Poly Bottle	02002141

CH₃COOH; **FW.** 60.05; CAS [64-19-7]; **Flash Point:** 39.00°C

Acetic Acid, Glacial BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Clear Glass Bottle in Single Shipper	02002132
2.5L	Clear Glass Bottle	02002118
2.5L	Clear PVC Coated Glass Bottle	02002121
4L	Poly Bottle	02002128

CH₃COOH; **FW.** 60.05; CAS [64-19-7]; **Flash Point:** 39.00°C; Aldehyde Free
Meets ACS Reagent Chemical Requirements

Acetic Acid, Glacial HPLC Grade



Quantity	Packaging	Cat. No.
2.5L	Clear Glass Bottle	02002123

CH₃COOH; **FW.** 60.05; CAS [64-19-7]; **Flash Point:** 39.00°C; Meets USP Requirements

Acetic Acid ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	MAX00736
2.5L	Poly Coated Glass Bottle	MAX007375
2.5L	Glass Bottle	MAX00739

100%; Ethanoic acid; C₂H₄O₂; CH₃COOH; **FW.** 60.5; CAS [64-19-7]; **Melting Point:** 17°C; **Flash Point:** 39.9°C (103.8°F); **Boiling Point:** 116 to 118°C (1013 hPa); **Density:** 1.05g/cm³ (20°C)

Acetic Acid, Glacial



Quantity	Packaging	Cat. No.
4L	Poly Bottle	14650390

Clear colorless liquid; ≥99.7%; Ethanoic acid, Methanecarboxylic acid; CH₃COOH; **FW.** 60.05; CAS [64-19-7]; **Melting Point:** 16.6°C; **Flash Point:** 39°C; **Boiling Point:** 117.9°C; For ACS analysis

Acetic Acid, Glacial USP/FCC/ACS



Quantity	Packaging	Cat. No.
2.5L	SAFEMOR	MK3121212

Liquid; CH₃COOH; **FW.** 60.05; CAS [64-19-7]

Acetic Acid, Glacial



Quantity	Packaging	Cat. No.
4L	----	AA33252K7

Liquid; 99+%; CH₃CO₂H; **FW.** 60.05; CAS [64-19-7]; **Melting Point:** 16.6°C; **Flash Point:** 40°C; **Boiling Point:** 118.1°; **Density:** 1.049g/mL

Acetic Acid, Glacial



Quantity	Packaging	Cat. No.
100mL	----	AA39745AE

Liquid; ≥99.9% (metals basis); CH₃CO₂H; **FW.** 60.05; CAS [64-19-7]; **Melting Point:** 16.6°C; **Flash Point:** 40° (104°F); **Boiling Point:** 118.1°C; **Density:** 1.049g/mL

Acetic Acid, Glacial ACS Grade



Quantity	Packaging	Cat. No.
2.5L	Clear Glass Bottle	LC101003

Liquid; ≥99.7%; CH₃COOH; **FW.** 60.05; CAS [64-19-7]; **Melting Point:** 17°C; **Flash Point:** 40°C; **Boiling Point:** 118°C; **Density:** 1049kg/m³; **UN:** 2789

Acrylamide Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	01065-500

Flake-like Crystals; 2-Propenamide; C₃H₅NO; CH₂CHCONH₂; **FW.** 71.08; CAS [79-06-1]; **Melting Point:** 82° to 86°C (179.6° to 186.8°F); **Flash Point:** 138°C; **Boiling Point:** 125°C at 25 mmHg; **Density:** 2.45 (Air = 1.0); **DOT Class 6.1:** Poison; **UN:** 2074



Aerosol™ OT, Solid, Anhydrous



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A349-500

Diethyl Sulfosuccinate, Docusate Sodium, Sulfobutanedioic Acid; C₂₀H₃₇O₇S₂Na; CH₃(CH₂)₃CH(C₂H₅)CH₂O₂CCH₂CH(SO₃Na)CO₂CH₂CH(C₂H₅)(CH₂)₃CH₃; **FW.** 444; CAS [577-11-7]; **Melting Point:** 158.89°C; **Density:** 1.1g/mL



Amberlite™ IRA-402



Quantity	Packaging	Cat. No.
5kg	Plastic Bucket	AC36994-0050

Light yellow semi-transparent beads; CAS [52439-77-7]; Particle size analysis: uniformity coefficient: <1.60, harmonic mean size: 0.600 to 0.750mm, % <0.300mm: <1.0%, %>1.180mm: <5.0%

Ammonium Hydroxide Optima™



Quantity	Packaging	Cat. No.
250mL	HDPE Bottle	A470-250
500mL	HDPE Bottle	A470-500
1L	HDPE Bottle	A470-1

Aqueous Ammonia; NH_4OH ; **F.W.** 35.05
 CAS [1336-21-6]; **DOT Class 8:** Corrosive; **UN:** 2672;
 Certificate of Analysis included with each bottle
 Ideal for analysis by ICP-MS and high-resolution ICP-MS. Evaluated for 65 metals at low-level ppt concentrations. Manufactured, purified, and packaged in a Class 1000 clean room. Packaged in specially cleaned Teflon FEP for PFA bottles to maintain product integrity and to eliminate metal leaching from glass bottles. Three-year shelf life from time of manufacture - available on COA.
Applications: Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.



Ammonium Hydroxide ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC42330-5000
2.5L	Glass Bottle	AC42330-0025

H_2NO ; NH_4OH ; **F.W.** 35.05; CAS [1336-21-6, 7732-18-5];
Melting Point: -57.0°C; **Boiling Point:** 38.0°C; **Density:** 0.9100g/mL;
UN: 2672

Ammonium Hydroxide BAKER INSTRA-ANALYZED™ Plus



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	02002301
4L	Pressure Bottom Poly Bottle	02002300

20%; NH_4OH ; **F.W.** 35.05; CAS [1336-21-6]

Ammonium Hydroxide TraceMetal™



Quantity	Packaging	Cat. No.
500mL	HDPE Bottle	A512-P500

Aqueous Ammonia; NH_4OH ; **F.W.** 35.05;
 CAS [1336-21-6]; **DOT Class 8:** Corrosive; **UN:** 2672;
 Certificate of Analysis included with each shipment
 Ideal for analysis by IC, GF or Flame AA, ICP-OES and ICP-MS
 Evaluated for 65 metals at <1 ppb concentrations. Manufactured, purified, and packaged in a Class 1000 clean room. Packaged in non-breakable polypropylene bottles to maintain product integrity and to eliminate metal leaching from glass bottles. Three-year shelf life from time of manufacture - available on COA. 45 mm bottle neck size.
Applications: Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.



Ammonium Hydroxide BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
2.5L	Clear Glass Bottle	02002290
4L	Pressure Bottom Poly Bottle	02002292

28.0% to 30.0%; NH_4OH ; **F.W.** 35.05; CAS [1336-21-6]

Ammonium Hydroxide ACS Grade



Quantity	Packaging	Cat. No.
2.5L	Clear Glass Bottle	LC110503

Liquid; 28.0 to 30.0%; Ammonia; NH_4OH ; **F.W.** 35.05;
 CAS [7732-18-5, 1336-21-6]; **Boiling Point:** 27°C;
DOT Class 8: Corrosive; **UN:** 2672

Ammonium Hydroxide NF/FCC



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	A667-212

Strong Ammonia Solution, Aqueous Ammonia;
 NH_4OH ; **F.W.** 35.05; CAS [7664-41-7, 7732-18-5];
Melting Point: -69°C (-92.2°F); **Boiling Point:** 27°C;
Density: 0.89g/mL; **DOT Class 8:** Corrosive; **UN:** 2672



Ammonium Hydroxide ACS Grade, EP



Quantity	Packaging	Cat. No.
2.5L	Poly Coated Glass Bottle	23749901
2.5L	Glass Bottle	MAX13033

28 to 30%; Ammonia water, Ammonium hydroxide solution;
 NH_4OH CAS [NH_3 in water]; **F.W.** 35.05; CAS [1336-21-6];
Melting Point: -72°C; **Boiling Point:** 32°C; **Density:** 0.90g/cm³ (20°C)

Ammonium Hydroxide Certified ACS Plus



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A669-500
500mL	Glass Bottle, Safe-Cote™	A669S-500
2.5L	Glass Bottle	A669-212
6 x 2.5L	Glass Bottle	A669C-212
6 x 2.5L	Glass Bottle, Safe-Cote™	A669S-212
385 lb.	Poly Drum	A669-385LB

28.0 to 30.0% w/w; Aqueous Ammonia; NH_4OH ;
F.W. 35.05; CAS [7664-41-7, 7732-18-5];
Melting Point: -69°C (-92.2°F);
Boiling Point: 27°C (80.6°F); **Density:** 0.89g/mL;
DOT Class 8: Corrosive; **UN:** 2672



Azelaic Acid



Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC40152-5000

98%; Nonanedioic acid; $\text{C}_9\text{H}_{16}\text{O}_4$; $\text{HOOC}(\text{CH}_2)_7\text{COOH}$; **F.W.** 188.22;
 CAS [123-99-9]; **Melting Point:** 98.0° to 103.0°C; **Flash Point:** 215°C;
Boiling Point: 237.0°C (20.0 hPa)

Barbituric Acid Laboratory Grade



Quantity	Packaging	Cat. No.
100g	Glass Bottle	01309-100

Pyrimidine Trione, Malonylurea; $\text{C}_4\text{H}_4\text{N}_2\text{O}_3$; $\text{NHCONHCOCH}_2\text{CO}$;
F.W. 128.09; CAS [67-52-7]; **Melting Point:** 247.78°C;
Boiling Point: 260°C



Barbituric Acid



Quantity	Packaging	Cat. No.
100g	Glass Bottle	01308-100

≥98%; Pyrimidine Trione, Malonylurea; $\text{C}_4\text{H}_4\text{N}_2\text{O}_3$;
 $\text{NHCONHCOCH}_2\text{CO}$; **F.W.** 128.09; CAS [67-52-7];
Melting Point: 247.78°C; **Boiling Point:** 260°C



Benzoic Acid Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A65-500

Crystalline; ≥99.5%; Phenyl Formic Acid, Benzenecarboxylic Acid; C₇H₆O₂; C₆H₅COOH; **F.W.** 122.12; **CAS** [65-85-0]; **Melting Point:** 122.4°C; **Boiling Point:** 249.2°C



Buffer Salt, pH 4.02 Certified ACS



Quantity	Packaging	Cat. No.
12	Envelopes	B79

>99%; C₈H₅KO₄; **CAS** [877-24-7]; **Melting Point:** 298°C; **Density:** 1.64g/mL
Each packet (envelope) contains sufficient material to prepare 1 liter of solution with a pH of 4.01 ± 0.02 at 25°C.



Boric Acid NF



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A78-500

Crystalline; Orthoboric Acid, Borofax; H₃BO₃; **F.W.** 61.83; **CAS** [10043-35-3]; **Melting Point:** 169°C; **Density:** 1.44g/mL



Buffer Salt, pH 7.42 Certified ACS



Quantity	Packaging	Cat. No.
12	Envelopes	B82

Potassium Phosphate Monobasic/Sodium Phosphate Dibasic; **CAS** [7558-79-4, 7778-77-0]
Each packet (envelope) contains sufficient material to prepare 1 liter of solution with a pH of 7.41 ± 0.04 at 25°C.



Boric Acid Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A73-500
1kg	Poly Bottle	A73-1
3kg	Poly Bottle	A73-3
10kg	Poly Pail	A73-10
50kg	Fiber Drum	A73-50

Crystalline; ≥99.5%; Orthoboric Acid, Borofax; H₃BO₃; **F.W.** 61.83; **CAS** [10043-35-3]; **Melting Point:** 169°C; **Density:** 1.44g/mL



Buffer Salt, pH 9.19 Certified ACS



Quantity	Packaging	Cat. No.
12	Envelopes	B80

Sodium Tetraborate Decahydrate; B₄Na₂O₇·10H₂O; **CAS** [1303-96-4]; **Melting Point:** 741°C; **Boiling Point:** 1575°C; **Density:** 1.73g/mL
Each packet (envelope) contains sufficient material to prepare 1 liter of solution with a pH of 9.18 ± 0.02 at 25°C.



Boric Acid Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A74-500
1kg	Poly Bottle	A74-1
3kg	Poly Pail	A74-3
10kg	Poly Pail	A74-10

Powder; ≥99.5%; Orthoboric Acid, Borofax; H₃BO₃; **F.W.** 61.83; **CAS** [10043-35-3]; **Melting Point:** 169°C; **Density:** 1.44g/mL



n-Butyric Acid



Quantity	Packaging	Cat. No.
10L	Plastic Drum	AC10811-0100

≥99%; C₄H₈O₂; CH₃CH₂CH₂CO₂H; **F.W.** 88.11; **CAS** [107-92-6]; **Melting Point:** -7.0° to 5.0°C; **Flash Point:** 69°C; **Boiling Point:** 162.0° to 165.0°C; **Density:** 0.9600g/mL; **UN:** 2820

Butyric Acid Sodium Salt



Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC26319-5000

99%; Sodium butanoate; C₄H₇NaO₂; CH₃CH₂CH₂COONa; **F.W.** 110.09; **CAS** [156-54-7]; **Melting Point:** 250.0° to 253.0°C

Boric Acid

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA1065922

Powder; 99.99% (metals basis); Boric acid, Orthoboric acid; BH₃O₃; **CAS** [10043-35-3]; **Melting Point:** ca 185°C; **Density:** 1.435g/mL

Boric Acid BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	02002447

Granular; H₃BO₃; **F.W.** 61.83; **CAS** [10043-35-3]
Meets ACS Reagent Chemical Requirements

Boric Acid



Quantity	Packaging	Cat. No.
4L	Poly Bottle	10701
10L	Cubitainer™	107025
20L	Cubitainer™	10705

Clear, Reddish-Orange Colored Liquid; **CAS** [7732-18-5, 10043-35-3, 62625-32-5, 845-10-3]; 4% (w/v)

Cadmium Laboratory Grade



Quantity	Packaging	Cat. No.
500g	Glass Bottle	C3-500

Granular; Cd; **F.W.** 112.41; **CAS** [7440-43-9]; **Melting Point:** 321°C; **Boiling Point:** 765°C; **Density:** 8.64g/mL; **DOT Class 6.1:** Poison; **UN:** 2930; **Atomic Weight:** 112.40



Calcium Chloride Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	C77-500

Desiccant, 20 Mesh and Finer; ≥96%; CaCl₂; **F.W.** 110.99; **CAS** [10043-52-4]; **Melting Point:** 782°C; **Boiling Point:** 1600°C; **Density:** 2.15g/mL
Soluble in water



Calcium Chloride, Anhydrous



Quantity	Packaging	Cat. No.
500g	Poly Bottle	C614-500
3kg	Poly Bottle	C614-3
10kg	Poly Pail	C614-10

Pellets; CaCl₂; F.W. 110.99; CAS [10043-52-4];
Melting Point: 782°C; **Boiling Point:** 1600°C;
Density: 2.15g/mL
 For desiccators; Soluble in water



Calcium Sulfate

Laboratory Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
2270g	----	AA89750P5

Granular, -10+12 Mesh; Calcium Sulfate, Anhydrous; CAS [7778-18-9];
Melting Point: 1450°C (2642°F); **Density:** 2.96g/cm³; White

Carborundum



Quantity	Packaging	Cat. No.
500g	Glass Bottle	C192-500

Powder; Silicon Carbide; SiC; CSI; F.W. 40.07; CAS [409-21-2];
Melting Point: 2700°C; **Density:** 3.2g/mL



Carbowax™ PEG 401

NF



Quantity	Packaging	Cat. No.
1L	Glass Bottle	P167-1

Polyethylene Glycol, Macrogol, PEG; C₂H₄O_nH₂O;
 F.W. 380 to 420; CAS [25322-68-3]; **Melting Point:** 8°C;
Density: 1.13g/mL



Carbowax™ PEG 3350



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	P146-3

Powder; Polyethylene Glycol, Macrogol; HO-[CH₂CH₂O]_n-H;
 F.W. 3015 to 3685; CAS [25322-68-3]; **Melting Point:** 54°C;
Boiling Point: 200°C; **Density:** 1.2g/mL



Carbowax™ PEG 8000



Quantity	Packaging	Cat. No.
500g	Poly Bottle	P156-500
3kg	Poly Pail	P156-3

Powder; Polyethylene Glycol, Macrogol;
 HO-[CH₂CH₂O]_n-H; F.W. 7000 to 9000; CAS [25322-68-3];
Melting Point: 55° to 60°C (31° to 140°F); **Flash Point:** 270°C;
Boiling Point: 200°C; **Density:** 1.1g/mL



Cellulose, Microcrystalline



Quantity	Packaging	Cat. No.
5kg	Plastic Drum	AC38724-0050

CAS [9004-34-6]; 250 Micron <1% min., 75 Micron <30% min.,
 32 Micron >50% min.

Chloramine T Trihydrate



Quantity	Packaging	Cat. No.
250g	Glass Bottle	01779-250

Powder; C₂H₅ClNNaO₂·3H₂O; F.W. 281.69; CAS [7080-50-4];
Melting Point: 167° to 177°C; **Density:** 1.43g/mL



Chloroform-d

NMR Grade



Quantity	Packaging	Cat. No.
10 × 0.75mL	Ampules	AC32068-0075

CCl₂D₂; CDCl₃; F.W. 120.39; CAS [865-49-6]; **Melting Point:** -64.0°C;
Boiling Point: 60.0°C; **Density:** 1.5000g/mL; **UN:** 1888

Chloroform-D1



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	M1024500100

Liquid; 99.8% min.; Deuteriochloroform; CDCl₃; F.W. 120.38;
 CAS [865-49-6]; **Melting Point:** -64.1°C (-83.4°F);
Boiling Point: 60°C (140°F); **Density:** 1.50g/cm³ at 20°C (68°F);
UN: 1888; Colorless; For NMR spectroscopy; Stabilized with silver

Chlorosulfonic Acid

Alfa Aesar

Quantity	Packaging	Cat. No.
250g	----	AA8797730
1kg	----	AA87977A1

Yellow to brown liquid; typically 99%; HSO₃Cl; F.W. 116.52;
 CAS [7790-94-5]; **Melting Point:** -80°C; **Boiling Point:** 158°C;
Density: 1.753g/cm³ at 20°C; **UN:** 1754; Yellow to brown

Citric Acid



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC22034-0025

99.5%; 2-Hydroxy-1,2,3-propanetricarboxylic acid; C₆H₈O₇;
 HO₂CCH₂C(OH)(CO₂H)CH₂CO₂H; F.W. 192.13; CAS [77-92-9];
Melting Point: 153.0°C; **Flash Point:** 100°C

Citric Acid

ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
2kg	----	AA36664A3

Crystalline; >99.5+%; C₆H₈O₇; F.W. 192.13; CAS [77-92-9];
Melting Point: 153° to 154°C; **Density:** 1.665g/mL

Citric Acid, Anhydrous

USP



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	A95-3
250 lb.	Fiber Drum	A95-250LB

Crystalline; C₆H₈O₇; F.W. 192.13; CAS [77-92-9];
Melting Point: 153°C; **Boiling Point:** 175°C; **Density:** 1.67g/mL;



Citric Acid Monohydrate

USP



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	A110-3
10kg	Poly Pail	A110-10

Granular; C₆H₈O₇·H₂O; F.W. 210.14; CAS [5949-29-1];
Melting Point: 135° to 152°C (275° to 305.6°F);
Flash Point: 174°C; **Boiling Point:** 175°C; **Density:** 1.54g/mL



Citric Acid Monohydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A104-500
3kg	Poly Bottle	A104-3
10kg	Poly Pail	A104-10
250 lb.	Fiber Drum	A104-250LB

Granular; 99.0 to 102.0%; C₆H₈O₇·H₂O; (HO₂CCH₂)₂C(OH)(CO₂H)·H₂O; F.W. 210.14; CAS [5949-29-1]; **Melting Point:** 135° to 152°C (275° to 305.6°F); **Flash Point:** 174°C; **Boiling Point:** 175°C; **Density:** 1.54g/mL

ChemAlert®
Storage Code
GRAY

Copper Laboratory Grade



Quantity	Packaging	Cat. No.
500g	Glass Bottle	C434-500

Powder; Cu; F.W. 63.55; CAS [7440-50-8]; **Melting Point:** 1083°C; **Boiling Point:** 2595°C; **Density:** 8.92g/mL; **DOT Class 4.1:** Flammable Solid; **UN:** 3178; **C.I. 77400;** **Atomic Weight:** 63.54

ChemAlert®
Storage Code
RED

Copper Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	C430-500

Shot; ≥99.9%; Cu; F.W. 63.55; CAS [7440-50-8]; **Melting Point:** 1083°C; **Boiling Point:** 2595°C; **Density:** 8.92g/mL; **C.I. 77400;** **Atomic Weight:** 63.54

ChemAlert®
Storage Code
GRAY

Desiccant



Quantity	Packaging	Cat. No.
500g	Glass Bottle	MDX00141

Beads; SiO₂; F.W. 60.08; 8% Indicating, 8 Mesh

Desiccant, Silica Gel



Quantity	Packaging	Cat. No.
1kg	----	AA44389A1

Granular; CAS [7631-86-9]; **Melting Point:** 1610° to 1728°C (2930° to 3142°F); **Boiling Point:** 2230°C (4046°F); **Density:** 2.17 to 2.66g/cm³; Blue; -6 to +16 Mesh

Desiccant, Silica Gel BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	02003899

CAS [1343-98-2]; 4 to 10 Mesh; Indicating

Desiccant, Silica Gel, Cobaltous



Quantity	Packaging	Cat. No.
500g	Glass Bottle	MDX00171

SiO₂; F.W. 60.08; Blue Beads; Mesh size (6-8), 80% min; Moisture absorption capacity, 30% min.

Deuterium Oxide



Quantity	Packaging	Cat. No.
250g	----	AA1476430

Clear colorless liquid; 99.8% (Isotopic); Water, heavy; D₂O; F.W. 20.03; CAS [7789-20-0]; **Melting Point:** 3.8°C (38.8°F); **Boiling Point:** 101.4°C (214°F); **Density:** 1.105g/cm³ at 20°C-

Deuterium Oxide



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	M1133660100

Liquid; 99.90%; D₂O (Hill Formula); F.W. 20.03; CAS [7789-20-0]; **Melting Point:** 3.8°C (38.8°F); **Boiling Point:** 101°C (214°F); **Density:** 1.11g/cm³ at 20°C (68°F); Colorless; For NMR spectroscopy

Dichloromethane-d2 NMR Grade



Quantity	Packaging	Cat. No.
10 × 0.75mL	Ampules	AC32072-0075

CCl₂D₂; CD₂Cl₂; F.W. 86.95; CAS [1665-00-5]; **Melting Point:** -97.0°C; **Boiling Point:** 40.0°C; **Density:** 1.3600g/mL; **UN:** 1593

Dimethyl Sulfoxide-d6



Quantity	Packaging	Cat. No.
10g	----	AAA1689309
50g	----	AAA1689318

99.5%; Methyl sulfoxide-d₆; C₂D₆OS; F.W. 84.17; CAS [2206-27-1]; **Melting Point:** 20°C; **Flash Point:** 88°C; **Boiling Point:** 190°C; **Density:** 1.18g/mL

Dimethyl Sulfoxide-d6



Quantity	Packaging	Cat. No.
5 × 1g	----	AA3651746

Liquid; 99.9%; (CD₃)₂SO; F.W. 84.17; CAS [2206-27-1]; **Melting Point:** 20°C; **Flash Point:** 88° (190°F); **Boiling Point:** 190°C; **Density:** 1.18g/mL

Dimethyl Sulfoxide-D6



Quantity	Packaging	Cat. No.
10 × 0.75mL	Glass Ampule	M1034240009
50mL	Glass Bottle	M1034240050

Liquid; 99.8% min.; Hexadeuterodimethyl sulfoxide, DMSO deuterated; (CD₃)₂SO; F.W. 84.17; CAS [2206-27-1]; **Melting Point:** 20.2°C (68.4°F); **Flash Point:** 88°C; **Boiling Point:** 190°C (374°F); **Density:** 1.19g/cm³ at 20°C (68°F); Colorless; For NMR spectroscopy

Dodecyl Sulfate, Sodium Salt Biochemical Grade



Quantity	Packaging	Cat. No.
100g	Platic Bottle	AC23042-1000
500g	Platic Bottle	AC23042-5000

99%; Dodecyl Sodium Sulfate, SDS, Sodium Lauryl Sulfate; C₁₂H₂₅NaO₄S; CH₃(CH₂)₁₁OSO₃Na; F.W. 288.38; CAS [151-21-3, 7757-82-6, 7647-14-5]; **Melting Point:** 206.0°C; **Flash Point:** >150°C; **UN:** 2926

Drierite™



Quantity	Packaging	Cat. No.
2kg	Glass Bottle	AC21905-0020

CaO₂S; **FW.** 136.14; **CAS** [7778-18-9]; **Melting Point:** 1450.0°C;
Solubility in water: ca. 0.25g/L (20°C). Other solubilities: insoluble in organic liquids, slightly soluble in glycerol

Drierite™



Quantity	Packaging	Cat. No.
10kg	Plastic Drum	AC35001-0100

CaO₂S; **FW.** 136.13; **CAS** [7778-18-9, 7646-79-9];
Melting Point: 1450.0°C; **UN:** 3077

Drierite™

Alfa Aesar

Quantity	Packaging	Cat. No.
1 lb. (453.6g)	----	AA89751P2
5 lb. (2.27kg)	----	AA89751P5

Blue Granules; **CAS** [7778-18-9]; -8 Mesh

Drierite™

Laboratory Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
2270g	----	AA43063P5

Indicating (CaSO₄) desiccant; Granular, -10+20 Mesh

Drierite™

Laboratory Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
2270g	----	AA43064P5

Indicating (CaSO₄) desiccant; Granular, -6 Mesh

Drierite™ Absorbent Indicating



Quantity	Packaging	Cat. No.
500g	Glass Bottle	MDX25151

Solid; **UN:** 3077; Blue

Detergent, Extran™ 300



Quantity	Packaging	Cat. No.
4L	Poly Bottle	MEX09961

Liquid

Embedding Media, TissuePrep™



Quantity	Packaging	Cat. No.
5 lb. (2.3kg)	Carton	T580

CAS [64742-43-4, 8002-74-2]; **Melting Point:** 58°C (136°F)

ChemAlert™
Storage Code
GRAY

Fluorescein

Pure



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC11924-0025

C₂₀H₁₂O₅; **FW.** 332.30; **CAS** [2321-07-5];
Melting Point: 314.0° to 316.0°C

Fluorescein, Disodium Salt

Pure



Quantity	Packaging	Cat. No.
2.5kg	Plastic Drum	AC17324-0025

Acid Yellow 73, Fluorescein, Water Soluble, Uranine, **C.I.** 45350;
C₂₀H₁₀Na₂O₅; **FW.** 376.27; **CAS** [518-47-8]; **Melting Point:** 320.0°C

Fluoroboric Acid

Laboratory Grade



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	A188-500

48 to 50%; Tetrafluoroboric Acid, Hydrogen Tetrafluoroborate;
HBF₄; **FW.** 87.81; **CAS** [16872-11-0, 7732-18-5, 10043-35-3];
Melting Point: -90°C (-130°F); **Boiling Point:** 130°C (dec);
Density: 1.37g/mL; **DOT Class 8:** Corrosive; **UN:** 1775

ChemAlert™
Storage Code
WHITE

Formic Acid

ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA3661736

Liquid; ≥96%; CH₂O₂; HCOOH; **FW.** 46.03; **CAS** [64-18-6];
Melting Point: 7° to 9°C; **Flash Point:** 50° (156°F);
Boiling Point: 100° to 101°C; **Density:** 1.220g/mL;
Transport Hazard Class: 8

Formic Acid

ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
500mL	----	AA36504AP

Liquid; ≥88%; CH₂O₂; HCOOH; **FW.** 46.03; **CAS** [64-18-6];
Melting Point: 7° to 9°C; **Flash Point:** 50°C (156°F);
Boiling Point: 100° to 101°C; **Density:** 1.220g/mL;
Transport Hazard Class: 8; **UN:** 1779

Formic Acid

ACS Grade, USP, NF



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	MF04405
1L	Poly Bottle	MF04407
25L	Metal Drum w/Bag	MF044021

Liquid; 98%; Methanoic Acid, Aminic Acid; HCOOH; **FW.** 46.3;
CAS [64-18-6]; **Flash Point:** 50°C (122°F)

Formic Acid

ACS Grade, USP, NF



Quantity	Packaging	Cat. No.
2.5L	Poly Bottle	MF04456

Liquid; 88%; Methanoic Acid, Aminic Acid; HCOOH; **FW.** 46.3;
CAS [64-18-6]; **Flash Point:** 50°C (122°F)

Formic Acid, 88%

Certified ACS



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	A118P-100
500mL	Poly Bottle	A118P-500
4L	Poly Bottle	A118P-4

Methanoic Acid; CH₂O₂; HCOOH; **FW.** 46.03;
CAS [64-18-6]; **Flash Point:** 50°C; **Density:** 1.29g/mL;
DOT Class 8: Corrosive; **UN:** 1779

ACID

ChemAlert™
Storage Code
WHITE

Formic Acid, 88% Laboratory Grade



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	A119P-500
1L	Poly Bottle	A119P-1
4L	Poly Bottle	A119P-4

CH₂O₂; HCOOH; F.W. 46.03; CAS [64-18-6];
Flash Point: 50°C; **DOT Class 8:** Corrosive; **UN:** 1779



Formic Acid, 98% ACS Guaranteed Reagent



Quantity	Packaging	Cat. No.
2.5L	Plastic Bottle	MF04406

Liquid; 98%; Methanoic Acid, Aminic Acid; HCOOH; F.W. 46.3;
 [64-18-6]; **Flash Point:** 50°C (122°F)

Formic Acid, 98-100% Suprapur™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	M1116701000

Clear Colorless Liquid; 98 to 100%; Methanoic Acid, Formylic Acid;
 CH₂O₂; HCOOH; F.W. 46.3; CAS [64-18-6]; **Melting Point:** 8°C;
Flash Point: 48°C; **Boiling Point:** 101°C (1013 hPa);
Density: 1.22g/cm³ (20°C)

Gallic Acid Monohydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A122-500

Powder; C₈H₂(OH)₃COOH·H₂O; F.W. 188.14; CAS [5995-86-8];
Melting Point: 250°C; **Density:** 1.69g/mL



Glycine USP/EP/JP



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	G45-212
12kg	Poly Pail	G45-12

Crystalline Granules or Powder; Aminoacetic Acid,
 Aminoethanoic Acid, Gyn-Hydralin; C₂H₅NO₂; CH₂(NH₂)(COOH);
 F.W. 75.07; CAS [56-40-6];
Melting Point: 182° to 236°C (359.6° to 456.8°F);
Density: 1.16g/mL



Glycine USP



Quantity	Packaging	Cat. No.
500g	Poly Bottle	G48-500
2.5kg	Poly Bottle	G48-212
12kg	Poly Pail	G48-12

Crystalline granules or powder; Aminoacetic Acid,
 Aminoethanoic Acid, Gyn-Hydralin; C₂H₅NO₂; CH₂(NH₂)(COOH);
 F.W. 75.07; CAS [56-40-6];
Melting Point: 182° to 236°C (359.6° to 456.8°F);
Density: 1.16g/mL



Glycine Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	G46-500
1kg	Poly Bottle	G46-1

Crystalline; Aminoacetic Acid, Aminoethanoic Acid,
 Gyn-Hydralin; C₂H₅NO₂; NH₂CH₂COOH; F.W. 75.07;
 CAS [56-40-6]; **Melting Point:** 182° to 236°C (359.6° to 456.8°F);
Density: 1.16g/mL
 For amino acid nitrogen standards.



Glycolic Acid



Quantity	Packaging	Cat. No.
2.5kg	Glass Bottle	AC15451-0025

99%; Hydroxyacetic Acid; C₂H₄O₃; HOCH₂CO₂H; F.W. 76.04;
 CAS [79-14-1]; **Melting Point:** 72.0° to 80.0°C; **Flash Point:** >300°C;
Boiling Point: 100.0°C

Hexadecyltrimethylammonium Bromide



Quantity	Packaging	Cat. No.
25g	Plastic Bottle	AC22716-0250
100g	Plastic Bottle	AC22716-1000
500g	Plastic Bottle	AC22716-5000

≥99%; Cetrimum bromide, Cetyltrimethylammonium bromide,
 CTABr; C₁₆H₃₂BrN; CH₃(CH₂)₁₅N(CH₃)₃Br; F.W. 364.45; CAS [57-09-0]

Hydrobromic Acid BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Narrow Mouth Amber Glass Bottle	02003020
4L	Narrow Mouth Amber Glass Bottle	02003019

Meets ACS Reagent Chemical Requirements; 47% to 49%; HBr;
 F.W. 80.92; CAS [10035-10-6];
Recommended Storage: Material darkens when exposed to air and light

Hydrobromic Acid, 47-49% Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A140-500

47.0 to 49.0%; HBr; F.W. 80.91;
 CAS [10035-10-6, 7732-18-5]; **Melting Point:** -11°C;
Boiling Point: 126° to 128°C; **Density:** 1.49g/mL;
DOT Class 8: Corrosive; **UN:** 1788;
 Note: This reagent may darken on standing.



Hydrochloric Acid Optima TraceMetal™



Quantity	Packaging	Cat. No.
250mL	PFA Bottle	A466-250
500mL	PFA Bottle	A466-500
1L	PFA Bottle	A466-1
2L	FEP Bottle	A466-2

Muriatic Acid; HCl; **FW.** 36.46; CAS [7647-01-0];

DOT Class 8: Corrosive; **UN:** 1789;

Certificate of Lot Analysis included with each bottle.

Ideal for analysis by ICP-MS and high-resolution

ICP-MS. Evaluated for 65 metals at low-level ppt concentrations.

Manufactured, purified, and packaged in a Class 1000 clean room.

Packaged in specially cleaned Teflon FEP for PFA bottles to maintain

product integrity and to eliminate metal leaching from glass bottles.

Three-year shelf life from time of manufacture - available on COA.

Applications: Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.

ACID



Hydrochloric Acid OmniPure™



Quantity	Packaging	Cat. No.
500mL	Poly Coated Glass Bottle	MHX06071
2.5L	Poly Coated Glass Bottle	MHX06072

34 to 37%; Muriatic Acid; HCl in water; **FW.** 36.46;

CAS [7647-01-0]; **Melting Point:** -74°C (-101.2 °F);

Boiling Point: 110°C (230 °F)

Hydrochloric Acid



Quantity	Packaging	Cat. No.
1L	PFA Bottle	MHX06086

Liquid; Muriatic Acid; HCl:H2O; **FW.** 36.46

Hydrochloric Acid



Quantity	Packaging	Cat. No.
10L	Plastic Can	AC12420-0100

ClH; HCl; **FW.** 36.45; CAS [7647-01-0, 7732-18-5]; **Boiling Point:** 100.0°C;

Density: 1.0000g/mL

Hydrochloric Acid ACS Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	MHX06034
2.5L	Glass Bottle	MHX06033

Liquid; HCl in Water; **FW.** 36.46; CAS [7647-01-0];

Melting Point: -74°C (-101.2°F); **Boiling Point:** 110°C (230°F)

Hydrochloric Acid ACS Reagent



Quantity	Packaging	Cat. No.
2.5L	Plastic Bottle	AC42379-0026

Muriatic Acid; ClH; HCl; **FW.** 36.45; CAS [7647-01-0, 7732-18-5];

Melting Point: -35.0°C; **Boiling Point:** 57.0°C; **Density:** 1.1800g/mL;

UN: 1789

Hydrochloric Acid ACS Grade



Quantity	Packaging	Cat. No.
2.5L	Clear Glass Bottle	LC149503
6 x 2.5L	Clear Glass Bottle	LC1495036

Liquid; 36.5 to 38.0%; Muriatic Acid; HCl; **FW.** 36.46;

CAS [7732-18-5, 7647-01-0]; **Density:** 1190kg/m³;

DOT Class 8: Corrosive; **UN:** 1789

Hydrochloric Acid Extra Pure



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	AC45055-0025
5L	Plastic Drum	AC45056-0050

37%; Muriatic Acid; ClH; HCl; **FW.** 36.45; CAS [7647-01-0, 7732-18-5];

Melting Point: -35.0°C; **Boiling Point:** 57.0°C; **Density:** 1.1800g/mL

Hydrochloric Acid BAKER INSTRA-ANALYZED™ Plus



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	02003057
2.5L	Narrow Mouth PTFE Bottle	02003042
4L	Pressure Bottom Poly Bottle	02003054

HCl; **FW.** 36.46; CAS [7647-01-0]

Hydrochloric Acid NF/FCC



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	A481-212

Muriatic Acid; HCl:H₂O; **FW.** 36.46;

CAS [7647-01-0, 7732-18-5]; **Melting Point:** -66°C;

Boiling Point: 83°C; **Density:** 1.27 (Air = 1.0);

DOT Class 8: Corrosive; **UN:** 1789

ACID



Hydrochloric Acid NF/FCC/ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	MK2612500
2.5L	Glass Bottle	MK26126X6

Liquid; HCl; **FW.** 36.46; CAS [7647-01-0]; (HCl 36.5%-38.0%)

Hydrochloric Acid Technical Grade



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	A142-212

Muriatic Acid; HCl:H₂O; **FW.** 36.46;

CAS [7647-01-0, 7732-18-5]; **Melting Point:** -66°C;

Boiling Point: 83°C; **Density:** 1.27 (Air = 1.0);

DOT Class 8: Corrosive; **UN:** 1789

ACID



Hydrochloric Acid TraceMetal™



Quantity	Packaging	Cat. No.
500mL	HDPE Bottle	A508-P500
2.5L	HDPE Bottle	A508-P212
4L	HDPE Bottle	A508-4

Muriatic Acid; HCl; **FW.** 36.46; CAS [7647-01-0];

DOT Class 8: Corrosive; **UN:** 1789;

Certificate of Lot Analysis included with each shipment;

Ideal for analysis by IC, GF or Flame AA, ICP-OES and ICP-MS.

Evaluated for 65 metals at <1 ppb concentrations. Manufactured,

purified, and packaged in a Class 1000 clean room. Packaged in non-

breakable polypropylene bottles to maintain product integrity and to

eliminate metal leaching from glass bottles. Three-year shelf life from

time of manufacture - available on COA. 38 mm bottle neck size.

Applications: Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.

ACID



Hydrochloric Acid BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Clear Glass Bottle	02003053
2.5L	Clear Glass Bottle	02003048
2.5L	Clear PVC-Coated Glass Bottle	02003051

36.5% to 38.0%; HCl; **F.W.** 36.46; CAS [7647-01-0]

Hydrochloric Acid Concentrate, 1N Certified ACS



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	SA55

Concentrate; Muriatic Acid; HCl; CAS [7647-01-0, 7732-18-5]; **Melting Point:** -17°C; **Boiling Point:** 81.5° to 110°C; **Density:** 1.16g/mL; **DOT Class 8:** Corrosive; **UN:** 1789; 0.0990 to 0.1010N; Each bottle contains exact amount of 1N concentrate required to make 1 liter of 0.1N (N/10) solution.



Hydrochloric Acid Concentrate, 10N Certified ACS



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	SA49

Concentrate; HCl-H₂O; CAS [7647-01-0, 7732-18-5]; **Melting Point:** -66°C; **Boiling Point:** 83°C; **Density:** 1.27 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 1789; 0.990 to 1.010N Each bottle contains exact amount of 10N concentrate required to make 1 liter of 1N or 10 liters of 0.1N (N/10) solution.



Hydrofluoric Acid Trace Metal™



Quantity	Packaging	Cat. No.
500mL	LDPE Bottle	A513-500
4L	HDPE Bottle	A513-4

Liquid; HF; **F.W.** 20.01; CAS [7664-39-3]; **DOT Class 8:** Corrosive; **UN:** 1790; Certificate of Lot Analysis included with each shipment. Ideal for analysis by IC, GF or Flame AA, ICP-OES and ICP-MS. Evaluated for 65 metals at <1 ppb concentrations. Manufactured, purified, and packaged in a Class 1000 clean room. Packaged in non-breakable polypropylene bottles to maintain product integrity and to eliminate metal leaching from glass bottles. Three-year shelf life from time of manufacture - available on COA. 45mm bottle neck size. **Applications:** Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.



Hydrofluoric Acid Optima™



Quantity	Packaging	Cat. No.
250mL	PFA Bottle	A463-250
500mL	PFA Bottle	A463-500
1L	PFA Bottle	A463-1
2L	PFA Bottle	A463-2

Liquid; HF; **F.W.** 20.01; CAS [7664-39-3]; **DOT Class 8:** Corrosive; **UN:** 1790; Certificate of Lot included with each bottle. Ideal for analysis by ICP-MS and high-resolution ICP-MS. Evaluated for 65 metals at low-level ppt concentrations. Manufactured, purified, and packaged in a Class 1000 clean room. Packaged in specially cleaned Teflon FEP for PFA Bottles to maintain product integrity and to eliminate metal leaching from glass bottles. Three-year shelf life from time of manufacture - available on COA. **Applications:** Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.



Hydrofluoric Acid Certified ACS



Quantity	Packaging	Cat. No.
10 lb.	Poly Bottle	A147-10LB

48.0 to 51.0% w/w; Fluorhydric Acid, Hydrogen Fluoride; HF; **F.W.** 20.01; CAS [7732-18-5, 7664-39-3]; **Melting Point:** -35°C; **Boiling Point:** 105°C; **Density:** 2.21 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 1790



Hydrofluoric Acid ACS Grade



Quantity	Packaging	Cat. No.
1 lb.	Circle of Safety Bottle	MK26401

Liquid; 48%; HF; **F.W.** 20.01; CAS [7664-39-3]

Hydrofluoric Acid ACS Grade, USP, NF



Quantity	Packaging	Cat. No.
1L	Poly Bottle	MHX06213

Liquid; 48%; Hydrogen Fluoride; HF; **F.W.** 20.01

Hydrofluoric Acid



Quantity	Packaging	Cat. No.
1 lb.	Circle of Safety Bottle	MK26481

Liquid; 52%; HF; **F.W.** 20.01; CAS [7664-39-3]

Hydrofluoric Acid ULTREX™ II Ultrapure Reagent



Quantity	Packaging	Cat. No.
500mL	PFA Bottle	02003075

HF; **F.W.** 20.01; CAS [7664-39-3]

Hydrofluoric Acid BAKER INSTRA-ANALYZED™ Plus



Quantity	Packaging	Cat. No.
500mL	Narrow Mouth Poly Bottle	02003076
4L	Bagged Poly Bottle	02003074

HF; **F.W.** 20.01; CAS [7664-39-3]

Hydrofluoric Acid BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
4L	Bagged Poly Bottle	02003072

Clear Colorless Liquid; 48.0 to 51.0%; Fluoric Acid, Fluorhydric Acid; HF; **F.W.** 36.46; CAS [7664-39-3]; **Melting Point:** -83.6°C; **Boiling Point:** 19.5°C; **Density:** 1.15g/mL

Hydrofluoric Acid, 48-50% Technical Grade



Quantity	Packaging	Cat. No.
10 lb.	Poly Bottle	A146-10LB

48 to 50% w/w; HF; **F.W.** 20.01; CAS [7732-18-5, 7664-39-3]; **Melting Point:** -35°C; **Boiling Point:** 105°C; **Density:** 2.21 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 1790



Hydrogen Peroxide

Technical Grade



Quantity	Packaging	Cat. No.
5L	Plastic Drum	AC44438-0050

H₂O₂; **FW**: 34.00; CAS [7722-84-1, 7732-18-5];
Melting Point: -33.0°C; **Boiling Point**: 108.0°C; **Density**: 1.1350g/mL

Hydrogen Peroxide Solution

Reagent Grade



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	MHX06405

Liquid; 30%; H₂O₂ in water; **FW**: 34.1; CAS [7722-84-1]; Clear

Iodine

Extra Pure



Quantity	Packaging	Cat. No.
2.5kg	Glass Bottle	AC19656-0025

Dark Gray Lustrous Flakes or Spheres; 99.5% I₂; **FW**: 253.81;
 CAS [7553-56-2]; **Melting Point**: 113°C; **Boiling Point**: 185.0°C

Iron



Quantity	Packaging	Cat. No.
500g	Glass Bottle	I60-500

Electrolytic Powder; ≥99%; Fe; **FW**: 55.85; CAS [7439-89-6];
Melting Point: 1535°C; **Boiling Point**: 2750°C;
Density: 7.86g/mL; **DOT Class 4.1**: Flammable Solid; **UN**: 3089;
Atomic Weight: 55.85; Finer than 100 Mesh



Iron



Quantity	Packaging	Cat. No.
500g	Glass Bottle	I57-500

Filings, Degreased; Fe; **FW**: 55.85; CAS [7439-89-6];
Melting Point: 1535°C; **Boiling Point**: 2750°C;
Density: 7.86g/mL; **DOT Class 4.1**: Flammable Solid; **UN**: 3089;
Atomic Weight: 55.85; 50 to 70 Mesh



Iron(III) Nitrate Nonahydrate

ACS Reagent



Quantity	Packaging	Cat. No.
10kg	Plastic Drum	AC42371-0100

≥98%; Ferric Nitrate; Fe(NO₃)₃·9H₂O; **FW**: 404.00;
 CAS [7782-61-8]; **Melting Point**: 47.0°C; **Density**: 1.6800g/mL; **UN**: 1466

Iron(0) Pentacarbonyl



Quantity	Packaging	Cat. No.
1L	AcroSeal™ Glass Bottle	AC18762-0010

Pentacarbonyl Iron; C₅FeO₅; Fe(CO)₅; **FW**: 195.90; CAS [13463-40-6];
Melting Point: -20.0°C; **Flash Point**: -15°C; **Boiling Point**: 103.0°C;
Density: 1.4900g/mL; **UN**: 1994

Karl Fischer, AQUASTAR® Anhydrous Methanol



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	MAX1699M6
4L	Amber Glass Bottle	MAX1699M3

Karl Fischer reagent; Liquid; CH₃OH; **FW**: 32.04; CAS [67-56-1];
DOT Class 3: Flammable Liquid, Toxic; **UN**: 1230;
 Colorless to Pale Yellow
 Methanol for Volumetric Karl Fischer Titrations. For moisture
 determination. Assay >99.8%. Max. 0.01% H₂O content.

Karl Fischer, AQUASTAR® Buffer



Quantity	Packaging	Cat. No.
500mL	Poly Coated Amber Glass Bottle	MAX1699D1
2L	Poly Coated Amber Glass Bottle	MAX1699D3

Karl Fischer reagent; Liquid; CAS [67-56-1];
DOT Class 3: Flammable Liquid, Toxic; **UN**: 1993;
 Colorless to Pale Yellow;
 Reagent for Volumetric Karl Fischer Titrations. Stabilizes titration
 solvent for determining water content of strong acids and bases.

Karl Fischer, AQUASTAR® CombiCoulomat Frit Reagent



Quantity	Packaging	Cat. No.
500mL	GL45 Glass Bottle	M1092550500

Karl Fischer reagent; Coulometric Single Solution

Karl Fischer, AQUASTAR® CombiMethanol



Quantity	Packaging	Cat. No.
1L	GL45 Glass Bottle	M1880091045
2.5L	GL45 Glass Bottle	M1880092545

Karl Fischer, Clear colorless liquid; 99.8% min.; CH₃OH; **FW**: 32.04;
 CAS [67-56-1]

Karl Fischer, AQUASTAR® CombiSolvent



Quantity	Packaging	Cat. No.
1L	Glass Bottle	M1880081000

Karl Fischer reagent

Karl Fischer, AQUASTAR CombiTitrant 1



Quantity	Packaging	Cat. No.
1L	38/430 Poly Coated Glass Bottle	M1880011038

Liquid; CAS [111-90-0, 7553-56-2, 7446-09-5, 288-32-4];
Flash Point: 70°C (158°F); **Density**: 1.065 to 1.085g/cm³; **UN**: 1760;
 Brownish-red

Karl Fischer, AQUASTAR® CombiTitrant 2



Quantity	Packaging	Cat. No.
1L	GL45 Poly Coated Glass Bottle	M1880021045

Karl Fischer reagent; Red-Brown Liquid; **Density**: 1.090-1.110g/cm³

Karl Fischer, AQUASTAR® CombiTitrant 5



Quantity	Packaging	Cat. No.
1L	Glass Bottle	M1880051038

Karl Fischer reagent; Liquid;
 CAS [111-90-0, 7553-56-2, 288-32-4, 7446-09-5];
Flash Point: 66.667°C (152°F); **Density**: 1.160 to 1.190g/cm³; **UN**: 1760;
 Red-brown

Karl Fischer, AQUASTAR® CombiTitrant 5



Quantity	Packaging	Cat. No.
1L	GL45 Poly Coated Glass Bottle	M1880051045
1L	38/430 Poly Coated Glass Bottle	M1880061038
1L	GL45 Poly Coated Glass Bottle	M1880061045
2.5L	GL45 Poly Coated Glass Bottle	M1880052545

Karl Fischer reagent; Red-Brown Liquid;
Density: 1.160-1.190g/cm³ at 20°C

Karl Fischer, AQUASTAR® Composite 2



Quantity	Packaging	Cat. No.
1L	Poly Coated Amber Glass Bottle	MAX1698B6
2L	Poly Coated Amber Glass Bottle	MAX1698B3
4L	Poly Coated Amber Glass Bottle	MAX1698B5

Karl Fischer reagent; Liquid; CAS [7553-56-2];
DOT Class 3: Flammable Liquid; **UN:** 1993; Red Brown;
Original Formulation
Reagent for Volumetric Karl Fischer Titrations. For titrimetric moisture determination. Titer ≈ 2mg H₂O/mL. Free of pyridine.

Karl Fischer, AQUASTAR® Composite 2K, Original Formulation



Quantity	Packaging	Cat. No.
1L	Poly Coated Amber Glass Bottle	MAX1698E6

Karl Fischer reagent; Liquid; CAS [7553-56-2];
DOT Class 3: Flammable Liquid; **UN:** 1993; Red Brown;
Original Formulation
Reagent for Volumetric Karl Fischer Titrations. For titrimetric moisture determination. Titer ≈ 2mg H₂O/mL. Free of pyridine. Use with Solvent KN (MAX1699EN Series) or Solvent KC (MAX1699KC Series).

Karl Fischer, AQUASTAR® Composite 5



Quantity	Packaging	Cat. No.
1L	Poly Coated Amber Glass Bottle	MAX1698A6
2L	Poly Coated Amber Glass Bottle	MAX1698A3
4L	Poly Coated Amber Glass Bottle	MAX1698A5

Karl Fischer reagent; Liquid; CAS [7553-56-2];
DOT Class 3: Flammable Liquid; **UN:** 1993; Red Brown;
Original Formulation
Reagent for Volumetric Karl Fischer Titrations. Free of pyridine.
For moisture determination. Titer ≈ 5mg H₂O/mL.

Karl Fischer, AQUASTAR® Composite 5K



Quantity	Packaging	Cat. No.
1L	Poly Coated Amber Glass Bottle	MAX1698D6
4L	Poly Coated Amber Glass Bottle	MAX1698D5

Karl Fischer reagent; Liquid; CAS [7553-56-2];
DOT Class 3: Flammable Liquid; **UN:** 1993; Red Brown;
Original Formulation
Reagent for Volumetric Karl Fischer Titrations. Free of pyridine.
For moisture determination. Titer ≈ 5mg H₂O/mL. Use with Solvent KN (MAX1699EN Series) or Solvent KC (MAX1699KC Series).

Karl Fischer, AQUASTAR® Coulomat A



Quantity	Packaging	Cat. No.
500mL	Poly Coated Amber Glass Bottle	MAX1697A1
4L	Poly Coated Amber Glass Bottle	MAX1697A30

Karl Fischer reagent; Liquid; Coulometric Anode Solution;
CAS [7553-56-2]; **DOT Class 3:** Flammable Liquid, Toxic; **UN:** 1993;
Colorless to light yellow; **Original Formulation;**
Reagent for Coulometric Karl Fischer Titrations.
Analyte containing halogenated hydrocarbons for oily samples.
Free of pyridine. For use with all coulometric titrators.

Karl Fischer, AQUASTAR® Coulomat A



Quantity	Packaging	Cat. No.
500mL	Poly Coated Amber Glass Bottle	MAX1697AN1

Karl Fischer reagent; CAS [7553-56-2];
DOT Class 3: Flammable Liquid, Toxic; **UN:** 1993;
Safer Formulation; Reagent for Coulometric Karl Fischer Titrations.
Free of chlorinated hydrocarbons and pyridine.

Karl Fischer, AQUASTAR® Coulomat AK Anode Solution



Quantity	Packaging	Cat. No.
500mL	38/430 Poly Coated Glass Bottle	MAX1697E1
4L	38/430 Poly Coated Glass Bottle	MAX1697E30

Karl Fischer reagent; Clear colorless liquid;
Coulometric Anode Solution

Karl Fischer, AQUASTAR® Coulomat C



Quantity	Packaging	Cat. No.
25mL	Amber Glass Bottle	MAX1697C1

Karl Fischer reagent; Liquid; Coulometric Anode Solution;
CAS [7553-56-2]; **DOT Class 3:** Flammable Liquid, Toxic; **UN:** 1993;
Colorless to light yellow; Original Formulation. Reagent for
Coulometric Karl Fischer Titrations. Catholyte containing halogenated
hydrocarbons for oily samples. Free of pyridine. For use with all
coulometric titrators.

Karl Fischer, AQUASTAR® Coulomat CK Cathode Solution



Quantity	Packaging	Cat. No.
5mL	Ampule	MAX1697F3
25mL	Amber Glass Bottle	MAX1697F1
1L	Amber Glass Bottle	MAX1697F31

Karl Fischer reagent; **UN:** 2810

Karl Fischer, AQUASTAR®, Combititrant Coulomat CN



Quantity	Packaging	Cat. No.
25mL	Amber Glass Bottle	23794090

Karl Fischer reagent; CAS [7446-09-5]

Karl Fischer, AQUASTAR® Solvent KN



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	MAX1699EN6
4L	Amber Glass Bottle	MAX1699EN5

Karl Fischer reagent; Liquid; CAS [67-56-1]; **DOT Class 3:** Flammable Liquid; **UN:** 1188; Colorless to Pale Yellow Reagent for Volumetric Karl Fischer Titrations. Free of chlorinated hydrocarbons. Use with Composite 2K (MAX1698EN-1) or 5K (MAX1698DN Series) reagents for determinations of H₂O in ketones and aldehydes.

Karl Fischer, AQUASTAR® Solvent S



Quantity	Packaging	Cat. No.
2L	Poly Coated Amber Glass Bottle	MAX1699B3
4L	Poly Coated Amber Glass Bottle	MAX1699B5

Karl Fischer reagent; Liquid; CAS [67-56-1]; **DOT Class 3:** Flammable Liquid, Toxic; **UN:** 1993; Colorless to Pale Yellow; AQUASTAR™ Reagent for Volumetric Karl Fischer Titrations. Free of 2-methoxyethanol and pyridine. Two-component reagent for use with AquaStar Titrant 2 (MAX1698H Series) or Titrant 5 (MAX1698C Series).

Karl Fischer, AQUASTAR® Titrant 5



Quantity	Packaging	Cat. No.
2.5L	38/430 Poly Coated Glass Bottle	M1880102538

Karl Fischer reagent; Liquid; CAS [67-56-1, 7553-56-2]; **Flash Point:** <21°C (<69.8°F); **Density:** 0.850 to 0.860g/cm³; **UN:** 1230; Red-brown

Karl Fischer, AQUASTAR® Water/Methanol Standard, 5000ppm



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	MAX1699A6

Karl Fischer reagent; Liquid; 0.50%; CH₃OH; **FW:** 32.04; CAS [67-56-1]; **DOT Class 3:** Flammable Liquid, Toxic; **UN:** 1230; Colorless to Pale Yellow; Standard, 5000 ppm Reagent for Volumetric Karl Fischer Titrations. For standardization and back titration. 1mL ≈ 5mg H₂O ±0.02mg. Certificate of analysis available.

Karl Fischer, CombiCoulomat Fritless Reagent Apura®



Quantity	Packaging	Cat. No.
500mL	GL45 Glass Bottle	M1092570500

Karl Fischer reagent; Coulometric Single Solution

Karl Fischer, Solvent MC



Quantity	Packaging	Cat. No.
2L	38/430 Glass Bottle	MAX1699MC3

Karl Fischer reagent; Clear colorless liquid

Karl Fischer, Standard, Water 0.01%

Apura™



Quantity	Packaging	Cat. No.
80mL	Glass Ampule	M1880500010

Karl Fischer reagent; 0.01%; Apura™ Karl Fischer Water Standard; 0.1mg H₂O/g

Karl Fischer, Standard, Water 0.10%

Apura™



Quantity	Packaging	Cat. No.
80mL	Ampule	M1880510010

Karl Fischer reagent; 0.10%; Apura™ Karl Fischer Water Standard; 0.1mg H₂O/g

Karl Fischer, Standard, Water 1.0%



Quantity	Packaging	Cat. No.
80mL	Glass Ampule	M1880520010

Karl Fischer reagent; 1.00%; Apura™ Karl Fischer Water Standard, Mixture. Contains 1-Methoxy-2-propanol.

Karl Fischer Volumetric Reagent



Quantity	Packaging	Cat. No.
1L	Poly Coated Amber Glass Bottle	MXK00106

Karl Fischer reagent; **DOT Class 3:** Flammable Liquid; **UN:** 1993 Reagent for Volumetric Karl Fischer Titrations. For titrimetric moisture determination. Titer ≈ 5mg H₂O/mL. Contains pyridine and 2-methoxyethanol.

Karl Fischer, Water Standard Oven 1%



Quantity	Packaging	Cat. No.
5g	Glass Bottle	M1880540005

Karl Fischer reagent; Solid; **Density:** 460kg/m³ (Bulk); White

Laboratory Glass Cleaner



Quantity	Packaging	Cat. No.
6 qt.	Poly Bottle	MK21571

Lactic Acid

USP/FCC



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A159-500

2-Hydroxypropanoic Acid; C₃H₆O₃; CH₃CH(OH)CO₂H; **FW:** 90.08; CAS [50-21-5, 97-73-4]; **Melting Point:** 18°C (64°F); **Boiling Point:** 122°C at 15 mmHg; **Density:** 1.2g/mL; **DOT Class 8:** Corrosive; **UN:** 3265

ChemAlert®
Storage Code
WHITE

Lactic Acid

Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A162-500
1L	Glass Bottle	A162-1

85.0 to 90.0%; 2-Hydroxypropanoic Acid; C₃H₆O₃; CH₃CH(OH)COOH; CAS [50-21-5, 97-73-4]; **Melting Point:** 18°C (64°F); **Boiling Point:** 122°C at 15 mmHg; **Density:** 1.2g/mL; **DOT Class 8:** Corrosive; **UN:** 3265

ChemAlert®
Storage Code
WHITE

Lactic Acid

ACS Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	MLX00203

Liquid; 85.0 to 90.0%; CH₃CHOHCOOH; CH₃CHOHCOOH in water; **FW:** 9.8; CAS [50-21-5]

Magnesium



Quantity	Packaging	Cat. No.
25g	Wrapped in Plastic Foil	AC41338-0250
100g	Wrapped in Plastic Foil	AC41338-1000

≥99%; Mg; **FW.** 24.30; CAS [7439-95-4]; **Melting Point:** 651.0°C;
Flash Point: 500°C; **Boiling Point:** 1107.0°C; **UN:** 1869

Manganese(IV) Oxide



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC22258-0025

99%; Manganese dioxide; MnO₂; **FW.** 86.94; CAS [1313-13-9];
Melting Point: 535.0°C; **UN:** 1479

Mercury

Laboratory Grade



Quantity	Packaging	Cat. No.
1 lb.	Poly Bottle	M140-1LB
5 lb.	Poly Bottle	M140-5LB

Hg; **FW.** 200.59; CAS [7439-97-6];
Melting Point: -38.87°C; **Boiling Point:** 356.72°C;
Density: 13.59g/mL; **DOT Class 8:** Corrosive;
UN: 2809; **Atomic Weight:** 200.59



Methanol-d

NMR Grade



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	AC29913-1000

CH₃DO; CH₃OD; **FW.** 33.05; CAS [1455-13-6]; **Melting Point:** -98.0°C;
Flash Point: 12°C; **Boiling Point:** 65.4°C; **Density:** 0.8100g/mL;
UN: 1230

Methanol-d4



Quantity	Packaging	Cat. No.
25mL	Glass Bottle	M1060280025
100mL	Glass Bottle	M1060280100

Liquid; 99.8% min.; Tetradeuteromethanol; CD₃OD; **FW.** 36.07;
CAS [811-98-3]; **Melting Point:** -98°C (-144.4°F); **Flash Point:** 11°C;
Boiling Point: 64.5°C (148.1°F) at 1013 hPa;
Density: 0.79g/cm³ at 20°C (68°F); **UN:** 1230; Colorless;
For NMR spectroscopy

Methyl Cellulose

USP/FCC



Quantity	Packaging	Cat. No.
500g	Glass Bottle	M352-500

Powder; Cellulose Methyl Ether; CAS [9004-67-5];
4000 centipoise



Methyl Red

Pure



Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC26444-5000

Acid Red 2, 2-[4-(Dimethylamino)phenylazo]benzoic acid,
C.I. 13020; C₁₅H₁₅N₃O₂; (CH₃)₂NC₆H₄N=NC₆H₄CO₂H; **FW.** 269.30;
CAS [493-52-7]; **Melting Point:** 178.0° to 182.0°C

Methyl Sulfoxide-d6

NMR Grade



Quantity	Packaging	Cat. No.
10g	Glass Bottle	AC32129-0100
50g	Glass Bottle	AC32129-0500

Dimethyl-d₆ sulfoxide; C₂D₆OS; **FW.** 84.18; CAS [2206-27-1];
Melting Point: 20.2°C; **Flash Point:** 88°C; **Boiling Point:** 190.0°C;
Density: 1.1900g/mL

Methyl Sulfoxide-d6

NMR Grade



Quantity	Packaging	Cat. No.
10 × 0.75mL	Ampules	AC35254-0075

Dimethyl-d₆ sulfoxide; C₂D₆OS; **FW.** 84.18; CAS [2206-27-1];
Melting Point: 20.2°C; **Flash Point:** 88°C; **Boiling Point:** 190.0°C;
Density: 1.1900g/mL

Methyl Yellow

Pure



Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC15140-5000

C.I. 11020, 4-Dimethylaminoazobenzene, N,N-Dimethyl-4-phenylazoaniline, Solvent Yellow 2; C₁₄H₁₃N₃; (CH₃)₂NC₆H₄N=NC₆H₅;
FW. 225.29; CAS [60-11-7]; **Melting Point:** 111.0° to 117.0°C

Molecular Sieves



Quantity	Packaging	Cat. No.
500g	---	MK4490500

CAS [55465-40-2]

Molecular Sieves 3A



Quantity	Packaging	Cat. No.
25kg	Plastic Bag in Cardbox	AC19725-0250

CAS [308080-99-1]

Nitric Acid

TraceMetal™



Quantity	Packaging	Cat. No.
500mL	HDPE Bottle	A509-P500
2.5L	HDPE Bottle	A509-P212

HNO₃; **FW.** 63.01; CAS [7697-37-2];
DOT Class 8: Corrosive; **UN:** 2031;
Certificate of Lot Analysis included with each shipment.; Colorless to light yellow;
Ideal for analysis by IC, GF or Flame AA, ICP-OES and ICP-MS.
Evaluated for 65 metals at <1 ppb concentrations. Manufactured, purified, and packaged in a Class 1000 clean room. Packaged in non-breakable polypropylene bottles to maintain product integrity and to eliminate metal leaching from glass bottles. Three-year shelf life from time of manufacture - available on COA. 45 mm bottle neck size.
Applications: Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.



Nitric Acid

OmniTrace™ Ultra



Quantity	Packaging	Cat. No.
1L	FEP Bottle	MNX04086
2L	FEP Bottle	MNX04082

Clear colorless liquid; 67 to 70%;
Hydrogen Nitrate, Azotic Acid, Aqua Fortis; HNO₃; **FW.** 63.1;
CAS [7697-37-2]

Nitric Acid



Quantity	Packaging	Cat. No.
2.5L	Poly Coated Glass Bottle	MNX04072

Hydrogen Nitrate, Azotic Acid, Aqua Fortis; HNO₃; **FW.** 63.1; **CAS** [7697-37-2]; **Melting Point:** -41.06°C (-41.9°F); **Boiling Point:** 83.94°C (183.1°F)

Nitric Acid

Optima™



Quantity	Packaging	Cat. No.
250mL	FEP Bottle	A467-250
500mL	FEP Bottle	A467-500
1L	FEP Bottle	A467-1
2L	FEP Bottle	A467-2

Liquid; Azotic Acid, Engraver's acid; HNO₃; **FW.** 63.01; **CAS** [7697-37-2]; **Melting Point:** -41°C (-41.8°F); **Boiling Point:** 120.5°C (248°F); **DOT Class 8:** Corrosive; **UN:** 2031
 Certificate of Lot Analysis is included with each bottle.; Colorless to light yellow; Ideal for analysis by ICP-MS and high-resolution ICP-MS Evaluated for 65 metals at low-level ppt concentrations. Manufactured, purified, and packaged in a Class 1000 clean room. Packaged in specially cleaned Teflon FEP for PFA bottles to maintain product integrity and to eliminate metal leaching from glass bottles. Three-year shelf life from time of manufacture - available on COA. **Applications:** Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.



Nitric Acid

NF



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	A483-212

69 to 70%; HNO₃; **FW.** 63.01; **CAS** [7697-37-2, 7732-18-5]; **Melting Point:** -42°C; **Boiling Point:** 86°C; **Density:** 1.4g/mL; **DOT Class 8:** Corrosive; **UN:** 2031



Nitric Acid

Certified ACS Plus



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A200-500
500mL	Glass Bottle/Safe-Cote™ Bottle	A200S-500
2.5L	Glass Bottle	A200-212
6 × 2.5L	Glass Bottle	A200C-212
2.5L	Glass Bottle/Safe-Cote™ Bottle	A200S-212
2.5L	Glass Bottle/Safe-Cote™ Individual Bottle	A200S-I212
6.5 gal.	Glass Carboy	A200-612GAL

70%; HNO₃; **FW.** 63.01; **CAS** [7697-37-2, 7732-18-5]; **Melting Point:** -42°C; **Boiling Point:** 86°C; **Density:** 1.4g/mL; **DOT Class 8:** Corrosive; **UN:** 2031



Nitric Acid

ULTREX™, II Ultrapure Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth PTFE Bottle	02003463

Clear Colorless Liquid; Aqua Fortis, Spirit of Niter; HNO₃; **FW.** 63.01; **CAS** [7697-37-2]; **Melting Point:** -42°C; **Boiling Point:** 83°C

Nitric Acid

BAKER INSTRA-ANALYZED™ Plus



Quantity	Packaging	Cat. No.
500mL	PFA Bottle	02003472
2.5L	Poly Bottle	02003464

HNO₃; **FW.** 63.01; **CAS** [7697-37-2]

Nitric Acid

BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
2.5L	Clear Glass Bottle	02003467
2.5L	Clear PVC Coated Glass Bottle	02003469

69.0 to 70.0%; HNO₃; **FW.** 63.01; **CAS** [7697-37-2]

Nitric Acid

ACS Grade



Quantity	Packaging	Cat. No.
2.5L	SAFEMOR	MK6623212

Clear, colorless to pale yellow liquid; HNO₃; **FW.** 63.01; **CAS** [7697-37-2]

Nitric Acid

ACS Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	MNX04094

Clear, colorless to pale yellow liquid; HNO₃; **FW.** 63.01; **CAS** [7697-37-2]; **Melting Point:** -41.06°C (-41.9°F); **Boiling Point:** 83.94°C (183.1°F)

Nitric Acid

ACS Grade



Quantity	Packaging	Cat. No.
2.5L	Clear Glass Bottle	LC177003

Liquid; 68.0 to 70.0% w/w; HNO₃; **FW.** 63.01; **CAS** [7697-37-2]; **DOT Class 8:** Corrosive; **UN:** 2031

Nitric Acid

Technical Grade



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	A198C-212

HNO₃; **FW.** 63.01; **CAS** [7697-37-2]; **DOT Class 8:** Corrosive; **UN:** 2031



Nitric Acid

Certified ACS



Quantity	Packaging	Cat. No.
400mL	Glass Bottle	A202-400
500mL	Glass Bottle	A202-500
2.5L	Glass Bottle	A202-212

Liquid; ≥90.0%; HNO₃ and NO₂; **FW.** 63.01; **CAS** [7697-37-2, 7732-18-5, 10102-44-0]; **Melting Point:** -42°C; **Boiling Point:** 122°C; **Density:** 1.5g/mL; **DOT Class 8:** Corrosive; **UN:** 2032



Nitric Acid

Environmental Grade



Quantity	Packaging	Cat. No.
2.5L	---	AA38747K4

67-70%; HNO₃; **FW.** 63.01; **CAS** [7697-37-2, 7732-18-5]; **Boiling Point:** 121°C (250°F); **Density:** 1.41g/cm³ at 20°C; **UN:** 2031; Colorless to pale yellow

Nitric Acid



Quantity	Packaging	Cat. No.
500mL	---	AA87920AP

99.999% (metals basis); HNO₃; **FW.** 63.01; **CAS** [7697-37-2]; **Boiling Point:** 121°C; **Density:** 1.41g/cm³ at 20°C; **UN:** 2031; Colorless to pale yellow

Nitric Acid Certified ACS



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	A206C-212

Hydrogen Nitrate; HNO₃; F.W. 63.01; CAS [7697-37-2]; DOT Class 8: Corrosive; UN: 2031; 65% w/w

ACID ChemAlert Storage Code YELLOW

Nitric Acid Concentrate, 1N Certified ACS



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	SA95

Concentrate; CAS [7697-37-2, 7732-18-5]; Melting Point: >0°C; DOT Class 8: Corrosive; UN: 2031; 0.0995 to 0.1005N

A volumetric standard solution, titrated at 25°C to pH 8.2 (phenolphthalein endpoint) against sodium hydroxide, which has been standardized against NIST™ potassium acid phthalate. Each bottle contains exact amount of 1N concentrate required to make 1 liter of N/10 (0.1N) solution.

ACID ChemAlert Storage Code WHITE

Nitric Acid, 2N Standardized Solution



Quantity	Packaging	Cat. No.
1L	----	AA44528K2

Liquid; HNO₃; F.W. 63.01; CAS [7697-37-2]; Density: 1.06g/mL

Oxalic Acid Dihydrate Certified ACS



Quantity	Packaging	Cat. No.
250g	Poly Bottle	A219-250
500g	Poly Bottle	A219-500
3kg	Poly Bottle	A219-3

Crystalline; 99.5 to 102.5%; Ethanedioic Acid; C₂H₂O₄·2H₂O; HO₂CCO₂H·2H₂O; F.W. 126.07; CAS [6153-56-6]; Melting Point: 98° to 102°C (208.4° to 215.6°F); Density: 4.62

ChemAlert Storage Code WHITE

Oxalic Acid Dihydrate Technical Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A218-500
3kg	Poly Bottle	A218-3

Crystalline; C₂H₂O₄·2H₂O; HO₂CCO₂H·2H₂O; F.W. 126.07; CAS [6153-56-6]; Melting Point: 98° to 102°C (208.4° to 215.6°F); Density: 4.62; DOT Class 8: Corrosive; UN: 3261

ChemAlert Storage Code WHITE

Oxalic Acid Dihydrate ACS Reagent



Quantity	Packaging	Cat. No.
5kg	Plastic Bottle	AC42315-0051

≥99.5%; Ethanedioic acid; C₂H₂O₄·2H₂O; HO₂CCO₂H·2H₂O; F.W. 126.04; CAS [6153-56-6]; Melting Point: 98.0° to 102.0°C; UN: 3261

Palladium on Activated Carbon



Quantity	Packaging	Cat. No.
10g	Glass Bottle	AC19503-0100
50g	Glass Bottle	AC19503-0500
250g	Glass Bottle	AC19503-2500

Pd; F.W. 106.42; CAS [7440-05-3, 7440-44-0]; UN: 3178

Pararosaniline Chloride Pure



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC41680-1000

98%; Basic Red 9, Monohydrochloride, Basic Fuchsin, C.I. 42500; C₁₉H₁₇N₃·HCl; F.W. 323.83; CAS [569-61-9]; Melting Point: 268.0° to 270.0°C

Perchloric Acid



Quantity	Packaging	Cat. No.
1L	----	AA35608K2

Liquid; HClO₄; F.W. 100.46; CAS [7601-90-3]; Melting Point: 16.6°C; Flash Point: 39°C; UN: 2920; Colorless

Perchloric Acid



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC45285-0010

HClO₄; F.W. 100.46; CAS [7601-90-3, 7732-18-5]; Melting Point: -18.0°C; Flash Point: 113°C; Boiling Point: 203.0°C; Density: 1.6600g/mL

Perchloric Acid Optima™



Quantity	Packaging	Cat. No.
250mL	FEP Bottle	A469-250
500mL	FEP Bottle	A469-500
1L	FEP Bottle	A469-1

Liquid; HClO₄; F.W. 100.46; CAS [7601-90-3]; DOT Class 5.1: Oxidizer; UN: 1873

Certificate of Lot Analysis included with each bottle. Ideal for analysis by ICP-MS and high-resolution ICP-MS. Evaluated for 65 metals at low-level ppt concentrations. Manufactured, purified, and packaged in a Class 1000 clean room. Packaged in specially cleaned Teflon FEP for PFA bottles to maintain product integrity and to eliminate metal leaching from glass bottles. Three-year shelf life from time of manufacture - available on COA.

Applications: Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.

ACID ChemAlert Storage Code YELLOW

Perchloric Acid TraceMetal™



Quantity	Packaging	Cat. No.
500mL	HDPE Bottle	A511-P500
2.5L	HDPE Bottle	A511-P212

HClO₄; F.W. 100.46; CAS [7601-90-3]; DOT Class 5.1: Oxidizer; UN: 1873

Certificate of Lot Analysis included with each shipment. Ideal for analysis by IC, GF or Flame AA, ICP-OES and ICP-MS. Evaluated for 65 metals at <1 ppb concentrations. Manufactured, purified, and packaged in a Class 1000 clean room. Packaged in non-breakable polypropylene bottles to maintain product integrity and to eliminate metal leaching from glass bottles. Three-year shelf life from time of manufacture - available on COA. 45 mm bottle neck size.

Applications: Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.

ACID ChemAlert Storage Code YELLOW

Perchloric Acid, 60% Certified ACS



Quantity	Packaging	Cat. No.
1 lb.	Glass Bottle	A2286-1LB
7 lb.	Glass Bottle	A228-7LB
7 lb.	Glass Bottle/Safe-Cote™	A228S-7LB

60.0 to 62.0% w/w; HClO₄; F.W. 100.46; CAS [7601-90-3, 7732-18-5]; **Melting Point:** -18°C; **Flash Point:** 113°C; **Boiling Point:** 203°C; **Density:** 3.46 (Air = 1.0); **DOT Class 5.1:** Oxidizer; **UN:** 1873



Periodic Acid Certified ACS



Quantity	Packaging	Cat. No.
25g	Glass Bottle	A223-25
100g	Glass Bottle	A223-100

≥99%; Iodic Acid; H₅I₃O₆; F.W. 227.96; CAS [10450-60-9]; **Density:** 1.4g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 3085



Perchloric Acid, 60 - 62% ACS Grade



Quantity	Packaging	Cat. No.
500mL	----	AA33263AP

Liquid; HClO₄; F.W. 100.46; CAS [7601-90-3]; 60-62%

Perchloric Acid, 70%



Quantity	Packaging	Cat. No.
50mL	----	AA10983AD
250mL	----	AA10983AK

Liquid; 99.9985% (metals basis); HClO₄; F.W. 100.46; CAS [7601-90-3]; **Melting Point:** -112°C (-170°F); **Boiling Point:** 39°C (102°F) (56mm Hg); **Density:** 1.67g/cm³ at 20°C; **UN:** 1873; White; Perchloric acid: 70%

Perchloric Acid, 70% BAKER INSTRA-ANALYZED™ Plus



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	02003553
2.5L	Poly Bottle	02003552

70%; HClO₄; F.W. 100.46; CAS [7601-90-3]

Perchloric Acid, 70% ACS Grade



Quantity	Packaging	Cat. No.
500mL	----	AA87963AP

Liquid; 70%; HClO₄; F.W. 100.46; CAS [7601-90-3]; **Melting Point:** -112°C; **Flash Point:** 113°C (235°F); **Boiling Point:** 203°C; **Density:** 1.67g/mL; **Transport Hazard Class:** 5.1; **UN:** 1873

Perchloric Acid, 70% Certified ACS



Quantity	Packaging	Cat. No.
1 lb.	Safe-Cote™ Bottle	A2296-1LB
8 lb.	Glass Bottle	A229-8LB
8 lb.	Glass Bottle/Safe-Cote™	A229S-8LB

69.0 to 72.0% w/w; HClO₄; F.W. 100.46; CAS [7601-90-3, 7732-18-5]; **Melting Point:** -18°C; **Flash Point:** 113°C; **Boiling Point:** 203°C; **Density:** 3.46 (Air = 1.0); **DOT Class 5.1:** Oxidizer; **UN:** 1873



Perchloric Acid, 70% ULTREX™ II Ultrapure Reagent



Quantity	Packaging	Cat. No.
500mL	PFA Bottle	02003551

70%; HClO₄; F.W. 100.46; CAS [7601-90-3]

Periodic Acid



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC45317-0250
100g	Glass Bottle	AC45317-1000
500g	Glass Bottle	AC45317-5000

H₅I₃O₆; F.W. 227.94; CAS [10450-60-9]; **Melting Point:** 122.0°C

Phosphomolybdic Acid Hydrate Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	A237-100

Crystalline; Molybdophosphoric Acid Hydrate; H₃Mo₁₂O₄₀P·xH₂O; F.W. 1825.25; CAS [51429-74-4]; **Melting Point:** 78° to 90°C (172.4° to 194°F); **Density:** 3.15g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 3085



Phosphomolybdic Acid Hydrate ACS Reagent



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC41789-1000
500g	Glass Bottle	AC41789-5000

Molybdophosphoric acid; H₃Mo₁₂O₄₀P·xH₂O; H₃[P(Mo₃O₁₀)₄·xH₂O]; F.W. 1825.25; CAS [51429-74-4, 12026-57-2]; **UN:** 3085

m-Phosphoric Acid Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	A280-500
3kg	Glass Bottle	A280-3

Crystalline or Flakes; 33.5 to 36.5%; Metaphosphoric Acid, Glacial Phosphoric Acid; HPO₃; CAS [37267-86-0, 50813-16-6]; **Density:** 2.4g/mL; **DOT Class 8:** Corrosive; **UN:** 1759



Mixture of meta-Phosphoric Acid and Sodium Metaphosphate.

meta-Phosphoric Acid ACS Reagent



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC45025-1000
500g	Glass Bottle	AC45025-5000
2.5kg	Glass Bottle	AC45025-0025

Phosphoric Acid, meta; H₃P; (HPO₃)_n; CAS [37267-86-0, 50813-16-6]

meta-Phosphoric Acid BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	02003332

Meets ACS Reagent Chemical Requirements; CAS [37267-86-0]

o-Phosphoric Acid NF/FCC



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A365-1
4L	Glass Bottle	A365-4

H₃O₄P; F.W. 98; CAS [7664-38-2, 7732-18-5];
Melting Point: 21°C; **Boiling Point:** 158°C;
Density: 1.69g/mL; **DOT Class 8:** Corrosive; **UN:** 1805

ACID



o-Phosphoric Acid HPLC Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A260-500

≥85.0%; H₃O₄P; F.W. 98; CAS [7664-38-2, 7732-18-5];
Melting Point: 21°C; **Boiling Point:** 158°C;
Density: 1.69g/mL; **DOT Class 8:** Corrosive; **UN:** 1805
 Also meets ACS specifications

ACID



o-Phosphoric Acid HPLC Grade, ACS, USP, NF



Quantity	Packaging	Cat. No.
500mL	Poly Coated Glass Bottle	MPX09966

Liquid; 85%; H₃PO₄; F.W. 98; Clear

o-Phosphoric Acid Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A242-500
1L	Glass Bottle	A242-1
2.5L	Glass Bottle	A242-212
2.5L	Glass Bottle, Safe-Cote™	A242SK-212
4L	Glass Bottle	A242-4

≥85.0% w/w; Orthophosphoric Acid;
 H₃O₄P; F.W. 98; CAS [7664-38-2, 7732-18-5];
Melting Point: 21°C; **Boiling Point:** 158°C;
Density: 1.69g/mL; **DOT Class 8:** Corrosive; **UN:** 1805

ACID



o-Phosphoric Acid



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	MPX10006

Liquid; 85%; H₃PO₄; F.W. 98; CAS [7664-38-2]; Clear

ortho-Phosphoric Acid Suprapur™



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	M1005521000

Clear colorless liquid; 85%; o-Phosphoric acid, Orthophosphoric Acid;
 CAS [7664-38-2]; **Melting Point:** 21°C; **Boiling Point:** 158°C;
Density: 1.71g/cm³ (20°C)

Phosphoric Acid NF/FCC



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	MK2788212

Liquid; H₃PO₄; F.W. 98; CAS [7664-38-2]

Phosphoric Acid BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Clear Glass Bottle	02003602
2.5L	Clear Glass Bottle	02003595

White Solid or Colorless, Viscous Liquid;
 Orthophosphoric Acid, Phosphoric(V) Acid; H₃PO₄; F.W. 97.994;
 CAS [7664-38-2]; **Melting Point:** 42.35°C; **Boiling Point:** 158°C;
Density: 1.885g/mL

Phosphoric Acid ULTREX™ II Ultrapure Reagent



Quantity	Packaging	Cat. No.
50g	Poly Bottle	02003606

H₃PO₄; F.W. 98; CAS [7664-38-2]

Phosphotungstic Acid Certified ACS



Quantity	Packaging	Cat. No.
25g	Poly Bottle	A248-25
100g	Poly Bottle	A248-100
500g	Poly Bottle	A248-500

Crystalline; Tungstophosphoric Acid; CAS [12501-23-4];
Melting Point: 89°C; **DOT Class 8:** Corrosive;
UN: 3260; **Recommended Storage:** Refrigerate



Polyethylene Glycol 200



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02003638

Liquid; F.W. av. mol. wt. 190 to 210; CAS [25322-68-3]

Potassium Hydride



Quantity	Packaging	Cat. No.
500g	Plastic Drum	AC38796-5000

HK; KH; F.W. 40.11; CAS [7693-26-7, 8042-47-5]; **Boiling Point:** 316.0°C;
Density: 1.5400g/mL; **UN:** 3129

Potassium Hydroxide Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	P250-500
1kg	Poly Bottle	P250-1
3kg	Poly Bottle	P250-3
10kg	Poly Pail	P250-10
50kg	Fiber Drum	P250-50

Pellets; ≥85.0%; Caustic Potash, Potassium Hydrate; KOH;
 F.W. 56.11; CAS [1310-58-3]; **DOT Class 8:** Corrosive; **UN:** 1813



Potassium Hydroxide ACS Grade



Quantity	Packaging	Cat. No.
2kg	---	AA13451A3

White Pellets; 85% min.; KOH; F.W. 56.11; CAS [1310-58-3];
Melting Point: 360°C (680°F);
Boiling Point: 1320° to 1324°C (2408° to 2415°F); **Density:** 2.044g/cm³;
UN: 1813; White
 In soap manufacture, in bleaching, as an electrolyte, as an absorbent,
 in dyestuffs, in liquid fertilizer, in electroplating, as a reagent.

Potassium Hydroxide

Technical Grade



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	P246-3

Flakes; Caustic Potash, Potassium Hydrate; KOH; F.W. 56.11; CAS [1310-58-3]; **Melting Point:** 360°C (680°F); **Boiling Point:** 1320°C; **Density:** 2.04g/mL; **DOT Class 8:** Corrosive; **UN:** 1813

ChemAlert® Storage Code
WHITE

Potassium Hydroxide



Quantity	Packaging	Cat. No.
12kg	Poly Pail	MPX14809

White to Off-white Pellets; 85.0% min.; Caustic potash; KOH; F.W. 56.11; CAS [1310-58-3]; For ACS analysis

Potassium Hydroxide

ACS Reagent



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC42414-5000
2.5kg	Plastic Bottle	AC42414-0025

ca. 85%; HKO; KOH; F.W. 56.11; CAS [1310-58-3]; **Melting Point:** 360.0°C; **Boiling Point:** 1320.0°C; **UN:** 1813

Potassium Iodide

Alfa Aesar

Quantity	Packaging	Cat. No.
5000g	----	AAA1270401

99%; KI; F.W. 166.01; CAS [7681-11-0]; **Melting Point:** 681°C; **Boiling Point:** 1330°C

Potassium Permanganate

USP



Quantity	Packaging	Cat. No.
2.5kg	Glass Bottle	P287-212

Crystalline; 99.0 to 100.5%; KMnO₄; F.W. 158.03; CAS [7722-64-7]; **Melting Point:** 240°C (464°F); **Density:** 2.7g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1490; **C.I.** 77755

ChemAlert® Storage Code
YELLOW

Potassium Phosphate Monobasic

NF/FCC



Quantity	Packaging	Cat. No.
250 lb.	Fiber Drum	P380-250LB

Crystalline; Potassium Acid Phosphate, Potassium Biphosphate, Potassium Dihydrogen Phosphate; KH₂PO₄; F.W. 136.09; CAS [7778-77-0]; **Melting Point:** 252.6°C; **Density:** 2.34g/mL

ChemAlert® Storage Code
GRAY

Potassium Sulfate

Alfa Aesar

Quantity	Packaging	Cat. No.
5000g	----	AAA1397501

99%; K₂SO₄; F.W. 174.27; CAS [7778-80-5]; **Melting Point:** 1069°C; **Boiling Point:** 1689°C

Salicylic Acid

Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A277-500

Crystalline Powder; 2-Hydroxybenzoic Acid; C₇H₆O₃; 2-HOC₆H₄COOH; F.W. 138.12; CAS [69-72-7]; **Melting Point:** 158.0° to 161.0°C

ChemAlert® Storage Code
GRAY

ScintiVerse™ BD Cocktail

Scintanalyzed™



Quantity	Packaging	Cat. No.
4L	Glass Bottle	SX18-4

CAS [67774-74-7, 577-11-7, 9016-45-9, 92-71-7, 13280-61-0]; **Flash Point:** 279°F min.; **Density:** 0.9g/mL; Universal LSC Cocktail for aqueous, nonaqueous and emulsion counting systems. Contains biodegradable linear alkyl aromatic solvent, which can be classified as a nonhazardous liquid by local sewerage regulations.

ChemAlert® Storage Code
GRAY

ScintiVerse™ II Cocktail

Scintanalyzed™



Quantity	Packaging	Cat. No.
4L	Glass Bottle	SX12-4

CAS [95-63-6, 13280-61-0, 92-71-7, 9003-11-6]; **Flash Point:** 43°C; **Density:** 0.9g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1993; General-purpose LSC Cocktail for aqueous, nonaqueous and emulsion counting systems. Pseudocumene base. Higher aqueous counting efficiencies than ScintiVerse™ I Cocktail.

SOLVENT

ChemAlert® Storage Code
RED

Silicic Acid Hydrate

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA3327036

Powder; SiO₂·xH₂O; F.W. 60.09 (anhy); CAS [1343-98-2]; White; -100 Mesh

Silver Nitrate



Quantity	Packaging	Cat. No.
2.5kg	Glass Bottle	AC19768-0025

99.85%; AgNO₃; F.W. 169.87; CAS [7761-88-8]; **Melting Point:** 212.0°C; **Boiling Point:** 444.0°C

Soda Lime

ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA3659636
2.5kg	----	AA3659644

CAS [8006-28-8]; Soda Lime; 4-8 Mesh

Sodium Dodecyl Sulfate

Certified ACS



Quantity	Packaging	Cat. No.
25g	Glass Bottle	O2674-25

95 to 105%; Sodium Lauryl Sulfate, SDS, Sulfuric Acid Monododecylester Sodium Salt, Irium; C₁₂H₂₅NaO₄S; CH₃(CH₂)₁₁OSO₃Na; F.W. 288.38; CAS [151-21-3]; **Melting Point:** 204° to 207°C; **Flash Point:** 100°C; **DOT Class 4.1:** Flammable Solid; **UN:** 1325

ChemAlert® Storage Code
RED

Sodium Hydroxide



Quantity	Packaging	Cat. No.
25L	Plastic Drum	AC12419-0250

Caustic Soda; HNaO; NaOH; F.W. 40.00; CAS [1310-73-2, 7732-18-5]; **Density:** 1.0000g/mL

Sodium Hydroxide NF/FCC/EP/BP/JP



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	S392-212
12kg	Poly Pail	S392-12

Granular; Lye, Caustic Soda; NaOH; F.W. 40.00; CAS [1310-73-2]; DOT Class 8: Corrosive; UN: 1823



ChemAlert®
Storage Code
WHITE

Sodium Hydroxide NF/EP/BP/FCC



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S399-500
2.5kg	Poly Bottle	S399-212

NaOH; F.W. 40; CAS [1310-73-2, 497-19-8]; Melting Point: 318°C; Boiling Point: 1390°C; Density: 2.13g/mL; DOT Class 8: Corrosive; UN: 1824



ChemAlert®
Storage Code
WHITE

Sodium Hydroxide NF/FCC



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S320-500
1kg	Poly Bottle	S320-1
3kg	Poly Bottle	S320-3
10kg	Poly Pail	S320-10
50kg	Fiber Drum	S320-50

Pellets; Caustic Soda; NaOH; F.W. 40; CAS [1310-73-2, 497-19-8]; Melting Point: 318°C; Boiling Point: 1390°C; Density: 2.13g/mL; DOT Class 8: Corrosive; UN: 1823



ChemAlert®
Storage Code
WHITE

Sodium Hydroxide NF



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	MK7772212

Pellets; NaOH; F.W. 40; CAS [1310-73-2]

Sodium Hydroxide Certified ACS



Quantity	Packaging	Cat. No.
100g	Poly Bottle	S318-100
500g	Poly Bottle	S318-500
1kg	Poly Bottle	S318-1
3kg	Poly Bottle	S318-3
5kg	Poly Pail	S318-5
10kg	Poly Pail	S318-10
50kg	Fiber Drum	S318-50

Pellets; ≥97.0%; Caustic Soda; NaOH; F.W. 40; CAS [1310-73-2, 497-19-8]; Melting Point: 318°C; Boiling Point: 1390°C; Density: 2.13g/mL; DOT Class 8: Corrosive; UN: 1823



ChemAlert®
Storage Code
WHITE

Sodium Hydroxide Pure



Quantity	Packaging	Cat. No.
5kg	Plastic Bottle	AC44728-0050

Caustic Soda; HNaO; NaOH; F.W. 40.00; CAS [1310-73-2]; Melting Point: 318.0°C; Boiling Point: 1390.0°C



ChemAlert®
Storage Code
WHITE

Sodium Hydroxide Extra Pure



Quantity	Packaging	Cat. No.
5kg	Plastic Bottle	AC45113-0050

Caustic Soda; HNaO; NaOH; F.W. 40.00; CAS [1310-73-2]; Melting Point: 318.0°C; Boiling Point: 1390.0°C

Sodium Hydroxide ACS Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	MSX05901

Pellets; 99 to 100%; Caustic Soda, Soda Lye; NaOH; F.W. 40; CAS [1310-73-2]

Sodium Hydroxide ACS Grade



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	MSX05903

Pellets; NaOH; F.W. 40.00; Meets ACS Specifications; Meets Reagent Specifications for testing USP/NF monographs CAS [1310-73-2]

Sodium Hydroxide ACS Grade



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	MSX05931
2.5kg	Plastic Bottle	MSX05933

Pellets; 97.0%, min.; Caustic Soda, Soda Lye; NaOH; F.W. 40; CAS [1310-73-2]

Sodium Hydroxide Pure



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC45058-0025

98%; Caustic Soda; HNaO; NaOH; F.W. 40.00; CAS [1310-73-2]; Melting Point: 318.0°C; Boiling Point: 1390.0°C

Sodium Hydroxide ACS Grade



Quantity	Packaging	Cat. No.
1kg	Poly Bottle	LC239002

Pellets; >97.0%; Caustic Soda; NaOH; F.W. 40; CAS [1310-73-2]; Melting Point: 323°C (73°F); Boiling Point: 1388°C; Density: 2130kg/m³; DOT Class 8: Corrosive; UN: 1823

Sodium Hydroxide



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	S612-3
50kg	Fiber Drum	S612-50

Beads; Caustic Soda; NaOH; F.W. 40; CAS [1310-73-2, 497-19-8]; Melting Point: 318°C; Boiling Point: 1390°C; Density: 2.13g/mL; DOT Class 8: Corrosive; UN: 1823



ChemAlert®
Storage Code
WHITE

Sodium Hydroxide



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	S613-3
10kg	Poly Pail	S613-10
50kg	Fiber Drum	S613-50

Beads; Caustic Soda; NaOH; **F.W.** 40; CAS [1310-73-2, 497-19-8]; **Melting Point:** 318°C; **Boiling Point:** 1390°C; **Density:** 2.13g/mL; **DOT Class 8:** Corrosive; **UN:** 1823



Sodium Lauryl Sulfate

NF/FC



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S529-500
3kg	Poly Pail	S529-3

Powder; Sodium Dodecyl Sulfate, SDS, Dodecylsulfuric Acid Sodium Salt, Duponol™ C Dry; C₁₂H₂₅NaO₄S; CH₃(CH₂)₁₀CH₂OSO₃Na; CAS [151-21-3]; **Melting Point:** 204° to 207°C; **Flash Point:** 100°C; **DOT Class 4.1:** Flammable Solid; **UN:** 1325



Sodium Hydroxide 1N Concentrate

Certified ACS



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SS277

Concentrate; Caustic Soda Solution; CAS [1310-73-2, 7732-18-5]; **Melting Point:** >0°C; **DOT Class 8:** Corrosive; **UN:** 1824; 0.0995 to 0.1005N; For dilution to 0.1N; A volumetric standard solution, titrated at 25°C to pH 8.6 (phenolphthalein endpoint) against NIST™ potassium acid phthalate. Each bottle contains exact amount of 1N concentrate required to make 1 liter of 0.1N (N/10) solution.



Sodium Periodate



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC19838-0025

99%; INaO₄; NaIO₄; **F.W.** 213.89; CAS [7790-28-5]; **Melting Point:** 300.0°C

Sodium Periodate

ACS Reagent



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC41961-0025

≥99.8%; INaO₄; NaIO₄; **F.W.** 213.89; CAS [7790-28-5]; **Melting Point:** 300.0°C; **UN:** 3087

Sodium Hydroxide 10N Concentrate

Certified ACS



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SS267

Concentrate; Caustic Soda Solution; NaOH; CAS [1310-73-2, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; **DOT Class 8:** Corrosive; **UN:** 1824; 0.995 to 1.005N; For dilution to 1N or 0.1N; A volumetric standard solution, titrated at 25°C to pH 8.6 (phenolphthalein endpoint) against NIST™ potassium acid phthalate. Each bottle contains exact amount of 10N concentrate required to make 1 liter of 1N or 10 liters of 0.1N (N/10) solution.



Starch, Soluble

Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	S516-100
500g	Glass Bottle	S516-500

Powder; C₆H₁₀O₅x; CAS [9005-84-9]; **Density:** 1.5g/mL; 5 to 7% (2% solution) For iodometry.



Sodium Hydroxide Solution, 0.1N



Quantity	Packaging	Cat. No.
4L	Poly Bottle	MSX0607C3

Sodium Hydroxide Solution, 1.0N



Quantity	Packaging	Cat. No.
1L	Poly Bottle	MSX0607H6
4L	Poly Bottle	MSX0607H3

CAS [1310-73-2]

Sodium Hydroxide Solution, 49 - 51%

Reagent Grade



Quantity	Packaging	Cat. No.
3.78L	Plastic Bottle	MSX05971

Clear Colorless Liquid; 49.0 to 51.0%; Titristar; **F.W.** 40

Succinic Acid

Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	A294-500

Crystalline; 99.0 to 100.3%; Butanedioic Acid, Ethylene Dicarboxylic Acid, Amber Acid; C₄H₆O₄; HOOCCH₂CH₂COOH; **F.W.** 118.09; CAS [110-15-6]; **Melting Point:** 185° to 190°C (365° to 374°F); **Flash Point:** 206°C; **Boiling Point:** 235°C; **Density:** 1.56g/mL



Succinic Acid



Quantity	Packaging	Cat. No.
10kg	Plastic Drum	AC15874-0100

99%; Butanedioic acid; C₄H₆O₄; HO₂CCH₂CH₂CO₂H; **F.W.** 118.09; CAS [110-15-6]; **Melting Point:** 185.0° to 190.0°C; **Flash Point:** 206°C; **Boiling Point:** 235.0°C

Succinic Acid

BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	02004325

Powder; HOCOC₂H₂COOH; **F.W.** 118.09; CAS [110-15-6]; **Melting Point:** 185.0° to 191.0°C

Sulfamic Acid



Quantity	Packaging	Cat. No.
100g	Plastic Bottle	MSX11401

Solid; 99.3 to 100.3%; Amidosulfonic Acid, Sulphamic Acid, Sulfamidic acid; H_2NO_2S ; HCH_2NSOCH_3H ; **FW.** 97.8; CAS [5329-14-6]; **Melting Point:** 25°C (decomposition); **Density:** 2.13g/cm³ (20°C)

Sulfanilamide

Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	04525-100

Granular; ≥98%; 4-Aminobenzenesulfonamide, P-Anilinesulfonamide; $C_6H_7N_2O_2S$; $4-NH_2C_6H_4SO_2NH_2$; **FW.** 172.21; CAS [63-74-1]; **Melting Point:** 163° to 167°C (325.4° to 332.6°F); **Density:** 1.08g/mL



Sulfuric Acid

Optima™



Quantity	Packaging	Cat. No.
250mL	FEP Bottle	A468-250
500mL	FEP Bottle	A468-500
1L	FEP Bottle	A468-1
2L	FEP Bottle	A468-2

Liquid; Oil of Vitriol; H_2SO_4 ; **FW.** 98.07; CAS [7664-93-9]; **DOT Class 8:** Corrosive; **UN:** 1830; Certificate of Lot Analysis included with each bottle.

ACID



Ideal for analysis by ICP-MS and high-resolution ICP-MS. Evaluated for 65 metals at low-level ppt concentrations. Manufactured, purified, and packaged in a Class 1000 clean room. Packaged in specially cleaned Teflon FEP for PFA bottles to maintain product integrity and to eliminate metal leaching from glass bottles. Three-year shelf life from time of manufacture - available on COA. **Applications:** Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.

Sulfuric Acid

TraceMetal™



Quantity	Packaging	Cat. No.
500mL	HDPE Bottle	A510-P500
2.5L	HDPE Bottle	A510-P212

Liquid; Oil of Vitriol; H_2SO_4 ; **FW.** 98.08; CAS [7664-93-9]; **DOT Class 8:** Corrosive; **UN:** 1830; Certificate of Lot Analysis included with each shipment. Ideal for analysis by IC, GF or Flame

ACID



AA, ICP-OES and ICP-MS. Evaluated for 65 metals at <1 ppb concentrations. Manufactured, purified, and packaged in a Class 1000 clean room. Packaged in non-breakable polypropylene bottles to maintain product integrity and to eliminate metal leaching from glass bottles. Three-year shelf life from time of manufacture - available on COA. 45mm bottle neck size. **Applications:** Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.

Sulfuric Acid

NF/FCC



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	A484-212

95.0 to 98.0%; Oil of Vitriol; H_2SO_4 ; **FW.** 98.08; CAS [7664-93-9]; **Melting Point:** 10°C; **Boiling Point:** 290° to 338°C (554° to 640.4°F); **Density:** 3.38 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 1830; Soluble in water



Sulfuric Acid

Certified ACS Plus



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A300-500
500mL	Glass Bottle/Safe-Cote™	A300S-500
2.5L	Glass Bottle	A300-212
2.5L	Glass Bottle/Safe-Cote™	A300S-1212
6 × 2.5L	Glass Bottle	A300C-212
6 × 2.5L	Flint Glass Bottle/Safe-Cote™	A300-S212
6.5 gal.	Glass Bottle	A300-612GAL

95.0 to 98.0% w/w; H_2SO_4 ; **FW.** 98.08; CAS [7664-93-9]; **Melting Point:** 10°C; **Boiling Point:** 290° to 338°C (554° to 640.4°F); **Density:** 3.38 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 1830

ACID



Suitable for cholesterol determination in regular and "N" methods.

Sulfuric Acid

ACS Grade



Quantity	Packaging	Cat. No.
2.5L	SAFEMOR	MK5557212

Liquid; H_2SO_4 ; **FW.** 98.08; CAS [7664-93-9]

Sulfuric Acid

BAKER INSTRA-ANALYZED™ Plus



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	02004380
2.5L	Poly Bottle	02004373

Meets ACS Reagent Chemical Requirements; H_2SO_4 ; **FW.** 98.08; CAS [7664-93-9]

Sulfuric Acid

BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
2.5L	Clear Glass Bottle	02004375
2.5L	Clear PVC-Coated Glass Bottle	02004377

H_2SO_4 ; **FW.** 98.08; CAS [7664-93-9]

Sulfuric Acid

ACS Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	MSX12446
2.5L	Glass Bottle	MSX12445

96%; H_2O_4S ; H_2SO_4 ; **FW.** 98.8; CAS [7664-93-9]; **Melting Point:** -2°C; **Boiling Point:** 335°C; **Density:** 1.84g/cm³ (20°C); Suprapur™

Sulfuric Acid

ACS Grade



Quantity	Packaging	Cat. No.
2.5L	Clear Glass Bottle	LC255503

Liquid; 95.0 to 98.0% w/w; H_2SO_4 ; **FW.** 98.08; CAS [7664-93-9]; **Melting Point:** 10°C; **Boiling Point:** 288°C; **Density:** 1840kg/m³; **DOT Class 8:** Corrosive; **UN:** 1830

Sulfuric Acid

Technical Grade



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	A298-212

93 to 98%; Oil of Vitriol; H_2SO_4 ; **FW.** 98.08; CAS [7664-93-9]; **Melting Point:** 10°C; **Boiling Point:** 290° to 338°C (554° to 640.4°F); **Density:** 3.38 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 1830

ACID



Sulfuric Acid



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	SA174-212
4L	Poly Bottle	SA174-4

90.5 to 93.0%; Oil of Vitriol; H₂SO₄; F.W. 98.08; CAS [7664-93-9]; **Melting Point:** 10°C; **Boiling Point:** 290° to 338°C (554° to 640.4°F); **Density:** 3.38 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 1830
For Babcock Milk Test



Sulfuric Acid



Quantity	Packaging	Cat. No.
4L	Poly Bottle	SA176-4

91.0 to 92.25%; Oil of Vitriol; H₂SO₄; CAS [7664-93-9]; **Melting Point:** 10°C; **Boiling Point:** 290° to 338°C (554° to 640.4°F); **Density:** 3.38 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 1830; Gerber



Sulfuric Acid

Environmental Grade

Afa Aesar

Quantity	Packaging	Cat. No.
2.5L	----	AA38751K4

Liquid; 93 to 98%; H₂SO₄; F.W. 98.08; CAS [7664-93-9]; **Density:** 1.184g/cm³ at 20°C; **UN:** 1830; Colorless to Pale Yellow

Sulfuric Acid

Textile



Quantity	Packaging	Cat. No.
4L	Poly Bottle	SA170-4

69.0 to 71.0%; H₂SO₄; F.W. 98.08; CAS [7732-18-5, 7664-93-9]; **Melting Point:** 10°C; **Boiling Point:** 290° to 338°C; **Density:** 1.6g/mL; **DOT Class 8:** Corrosive; **UN:** 1830



Sulfuric Acid

Extra Pure

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC41997-5000

Oleum; H₂O₄S₂SO₃; H₂SO₄SO₃; F.W. 178.14; CAS [8014-95-7, 7446-11-9]; **Melting Point:** 2.0°C; **Boiling Point:** 138.0°C; **Density:** 1.9200g/mL; **UN:** 1831

Sulfuric Acid, 20% Fuming

Afa Aesar

Quantity	Packaging	Cat. No.
4 x 500g	----	AA4554357

Liquid; 20% fuming, 18-24% free SO₃; Oleum; H₂SO₄ + SO₃; CAS [8014-95-7]; **Density:** 1.9

Sulfuric Acid Concentrate

Certified ACS



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	SA213

Concentrate; Oil of Vitriol; H₂SO₄; CAS [7664-93-9, 7732-18-5]; **Melting Point:** 11°C; **Boiling Point:** 105° to 325°C; **Density:** 1.1g/mL; **DOT Class 8:** Corrosive; **UN:** 2796; 0.995 to 1.005N; Each bottle contains exact amount of 10N concentrate required to make 1 liter of 1N or 10 liters of 0.1N (N/10) solution.



Sulfurous Acid

ACS Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4 x 500mL	----	AA33275AY

Liquid; Sulfur Dioxide Solution; H₂SO₃; F.W. 82.08; CAS [7782-99-2]; **Density:** 1.03g/cm³ at 20°C; **UN:** 1833; Colorless

Sulfurous Acid

Certified ACS



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	A307-1

Sulfur Dioxide Solution; H₂SO₃; CAS [7782-99-2]; **Density:** 1.03g/mL; **DOT Class 8:** Corrosive; **UN:** 1833



Tannic Acid

Afa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA3641022

C₇₆H₅₂O₄₆; F.W. 1701.23; CAS [1401-55-4]

1,1,2,2-Tetrachloroethane-D2



Quantity	Packaging	Cat. No.
25mL	Glass Bottle	M1034950025

Liquid; 99.5% min.; Acetylene tetrachloride, 1,2-Dideutero-1,1,2,2-tetrachloroethane; C₂D₂Cl₄; F.W. 169.86; CAS [33685-54-0]; **Melting Point:** -36°C (-33°F); **Boiling Point:** 146°C (295°F); **Density:** 1.595g/cm³ at 20°C (68°F); **UN:** 1702; Colorless; For NMR spectroscopy

Tetramethylammonium Hydroxide

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC13835-0025

C₄H₁₃NO; (CH₃)₄NOH; F.W. 91.15; CAS [75-59-2, 67-56-1]; **Melting Point:** -98.0°C; **Flash Point:** 6°C; **Boiling Point:** 65.0°C; **Density:** 0.9000g/mL; **UN:** 3286

Tin

Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	T123-500

Mossy; Sn; F.W. 118.71; CAS [7440-31-5]; **Melting Point:** 231.9°C; **Boiling Point:** 2507°C; **Density:** 7.31g/mL; **Atomic Weight:** 118.69



Toluene

Scintanalyzed™



Quantity	Packaging	Cat. No.
4L	Glass Bottle	T313-4

≥99.5%; Methylbenzene, Toluol, Phenyl Methane; C₆H₅CH₃; F.W. 92.14; CAS [108-88-3]; **Melting Point:** -95°C (-139°F); **Flash Point:** 4°C; **Boiling Point:** 110.6°C; **Density:** 3.1 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1294; Also meets ACS specifications



p-Toluenesulfonic Acid Monohydrate Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	A320-500

Crystalline; $C_7H_8O_3S \cdot H_2O$; $CH_3C_6H_4SO_3H \cdot H_2O$; **F.W.** 190.22; CAS [6192-52-5]; **Melting Point:** 103°C; **Boiling Point:** 140°C at 20 mmHg; **DOT Class 8:** Corrosive; **UN:** 2585

ChemAlert® Storage Code
WHITE

Trichloroacetic Acid Certified ACS

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	A322-100
500g	Glass Bottle	A322-500
3kg	Glass Bottle	A322-3

Crystalline; $\geq 99.0\%$; TCA; $C_2HCl_3O_2$; CCl_3COOH ; **F.W.** 163.39; CAS [76-03-9]; **Melting Point:** 52° to 58°C (125.6° to 136.4°F); **Boiling Point:** 196°C; **Density:** 5.6 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 1839

ChemAlert® Storage Code
WHITE

Trichloroacetic Acid Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	A324-500
3kg	Glass Bottle	A324-3

Crystalline; $\geq 99.0\%$; TCA; $C_2HCl_3O_2$; CCl_3COOH ; **F.W.** 163.39; CAS [76-03-9]; **Melting Point:** 52° to 58°C (125.6° to 136.4°F); **Boiling Point:** 196°C; **Density:** 5.6 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 1839;

ChemAlert® Storage Code
WHITE

Trichloroacetic Acid

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SA433-500

99.5 to 101.0%; Cl_3CCOOH ; **F.W.** 163.39; CAS [76-03-9]; 7732-18-5]; **Melting Point:** 54° to 58°C; **Boiling Point:** 196°C; **Density:** 1.62g/mL; **DOT Class 8:** Corrosive; **UN:** 2564

ChemAlert® Storage Code
WHITE

Trichloroacetic Acid ACS Reagent

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
2.5kg	Glass Bottle	AC42145-0025

$\geq 99\%$; TCA; $C_2HCl_3O_2$; CCl_3CO_2H ; **F.W.** 163.39; CAS [76-03-9]; **Melting Point:** 52.0° to 58.0°C; **Boiling Point:** 196.0°C; **Density:** 1.6200g/mL; **UN:** 1839

Trifluoroacetic Acid Certified ACS

F

Quantity	Packaging	Cat. No.
100mL	Glass Bottle	04902-100

$\geq 98.5\%$; $C_2HF_3O_2$; CF_3COOH ; **F.W.** 114.02; CAS [76-05-1]; **Melting Point:** -15°C (5°F); **Boiling Point:** 72°C; **Density:** 3.9 (Air=1.0); **DOT Class 8:** Corrosive; **UN:** 2699

For Peptide and Protein Analysis; Solubility in water: miscible

ChemAlert® Storage Code
WHITE

Trifluoroacetic Acid Reagent Grade

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	04901-500

$\geq 97\%$; TFA; $C_2HF_3O_2$; CF_3COOH ; **F.W.** 114.02; CAS [76-05-1]; **Melting Point:** -15°C (5°F); **Boiling Point:** 72°C; **Density:** 3.9 (Air=1.0); **DOT Class 8:** Corrosive; **UN:** 2699

ChemAlert® Storage Code
WHITE

Trifluoroacetic Acid Extra Pure

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
10kg	Plastic Drum	AC13972-0100

99%; TFA; $C_2HF_3O_2$; CF_3CO_2H ; **F.W.** 114.02; CAS [76-05-1]; **Melting Point:** -15.0°C; **Boiling Point:** 72.0°C; **Density:** 1.5350g/mL; **UN:** 2699

Trifluoroacetic Acid HPLC Grade

J.T.Baker

Quantity	Packaging	Cat. No.
10 × 1mL	Glass Ampule	02004494
70mL	Can	02004497
500mL	Narrow Mouth Amber Glass Bottle	02004495
900mL	Narrow Mouth Amber Glass Bottle	02004498

F_3CCOOH ; **F.W.** 114.03; CAS [76-05-1]

Trifluoroacetic Acid

M END HELLPORE

Quantity	Packaging	Cat. No.
250mL	Glass Bottle	MTX12766

Clear Colorless Liquid; 99.9% min.; TFA; $C_2HF_3O_2$; CF_3COOH ; **F.W.** 114.2; CAS [76-05-1]; **Melting Point:** -15°C (5°F); **Boiling Point:** 72°C (1013 hPa); **Density:** 1.48g/cm³ (20°C); For Protein Sequence Analysis

Trifluoroacetic Acid USP, NF

M END HELLPORE

Quantity	Packaging	Cat. No.
70mL	Glass Bottle	MTX12751
500g	Glass Bottle	MTX12753

Liquid; Perfluoroacetic Acid, TFA; CF_3COOH ; **F.W.** 114.2; CAS [76-05-1]; **Melting Point:** -15.34°C (4.4°F); **Boiling Point:** 72.46°C (162.4°F)

Trifluoroacetic Acid, 99%

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AAA1219822
500g	----	AAA1219836

Liquid; 99%; CF_3CO_2H ; **F.W.** 114.02; CAS [76-05-1]; **Melting Point:** -15°C (5°F); **Boiling Point:** 72° to 73°C; **Density:** 1.480g/mL

Trifluoroacetic Acid, 99%

Alfa Aesar

Quantity	Packaging	Cat. No.
500mL	----	AAL06374AP

Liquid; 99%; CF_3CO_2H ; **F.W.** 114.02; CAS [76-05-1]; **Melting Point:** -15°C (5°F); **Boiling Point:** 72° to 73°C; **Density:** 1.480g/mL; **Transport Hazard Class:** 8

Trifluoroacetic Acid, 99% HPLC Grade

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC43229-5000

$\geq 99\%$; TFA; $C_2HF_3O_2$; CF_3CO_2H ; **F.W.** 114.02; CAS [76-05-1]; **Melting Point:** -15.0°C; **Boiling Point:** 72.0°C; **Density:** 1.5350g/mL; **UN:** 2699

Trifluoroacetic Acid, 99.5%

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA3177136
CF ₃ CO ₂ H; FW : 114.02; CAS : [76-05-1]		

Trifluoroacetic Acid, >99.5%

HPLC Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
100mL	----	AA44630AE
4 x 100mL	----	AA446305Y
500mL	----	AA44630AP
4 x 500mL	----	AA44630AY

Liquid; >99.5%; CF₃CO₂H; **FW**: 114.02; **CAS**: [76-05-1];
Melting Point: -15°C (5°F); **Boiling Point**: 72° to 73°C;
Density: 1.48g/cm³ at 20°C; **UN**: 2699; Colorless

Tris (Tromethamine)

USP



Quantity	Packaging	Cat. No.
500g	Poly Bottle	T393-500
2.5kg	Poly Bottle	T393-212
12kg	Poly Pail	T393-12

Granular; Trishydroxymethylaminomethane, Tris Buffer, Tris, THAM™, Trizma™; (CH₂OH)₃CNH₂; H₂NC(CH₂OH)₃; **FW**: 121.14; **CAS**: [77-86-1]; **Melting Point**: 171.2° to 172.3°C;
Boiling Point: 219° to 220°C at 10 mmHg;
pH: 10.0 to 11.5 (USP)



Tris(hydroxymethyl)aminomethane

Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	T395-100
500g	Poly Bottle	T395-500
1kg	Poly Bottle	T395-1

Crystalline; 99.8 to 100.1%;
 2-Amino-2-(hydroxymethyl)-1,3-propanediol, Trimethylol Aminomethane, Tris Buffer, Tris, Trizma™; (CH₂OH)₃CNH₂; H₂NC(CH₂OH)₃; **FW**: 121.14; **CAS**: [77-86-1];
Melting Point: 171.2° to 172.3°C;
Boiling Point: 219° to 220°C at 10 mmHg; **pH**: 10.3 to 10.5 (0.5 Molar);
 Alkalimetric standard.



Tris(hydroxymethyl)aminomethane

Laboratory Grade



Quantity	Packaging	Cat. No.
500g	Glass Bottle	T370-500
3kg	Poly Pail	T370-3

Crystalline; THAM*, 2-Amino-2-(hydroxymethyl)-1,3-Propanediol Trimethylol Aminomethane, Trizma™; (CH₂OH)₃CNH₂; H₂NC(CH₂OH)₃; **FW**: 121.14; **CAS**: [77-86-1];
Melting Point: 171.2° to 172.3°C;
Boiling Point: 219° to 220°C at 10 mmHg



Tris(hydroxymethyl)aminomethane Hydrochloride

Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	04997-100

Crystalline; ≥95%; 2-Amino-2-(hydroxymethyl)-1,3-propanediol Hydrochloride, Tris Hydrochloride; C₄H₁₁NO₃·HCl; NH₂C(CH₂OH)₃·HCl; **FW**: 157.6; **CAS**: [1185-53-1];
Melting Point: 150° to 153°C (302° to 307.4°F)



Triton™ X-100 Wetting Agent



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	8698516
Viscous, Colorless Liquid; CAS : [9002-93-1]; Melting Point : 6°C; Boiling Point : 270°C		

Triton™ X-100



Quantity	Packaging	Cat. No.
250mL	Plastic Drum	AC21568-2500
1L	Plastic Drum	AC21568-0010
10L	Plastic Drum	AC21568-0100

C₂₄H₆₂O₁₁; **FW**: 646.85; **CAS**: [9002-93-1]; **Melting Point**: 6.0°C;
Flash Point: 274°C; **Boiling Point**: 270.0°C; **Density**: 1.0670g/mL;
UN: 3082

Triton™ X-100

Reagent Grade



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC262801
Liquid; C ₁₈ H ₃₀ O ₈ ; FW : 294.43; CAS : [9036-19-5]; Flash Point : 110°C; Boiling Point : 177°C; Density : 1050kg/m ³ ; Clear Colorless to Slight Tan Solution; Wetting Agent		

Tween™ 20



Quantity	Packaging	Cat. No.
250mL	Glass Bottle	AC23336-2500
1L	Glass Bottle	AC23336-0010

Polyoxyethylene(20)sorbitan monolaurate; **CAS**: [9005-64-5];
Flash Point: >150°C; **Boiling Point**: >100.0°C; **Density**: 1.1000g/mL;

Tween™ 80



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	T164-500
Polyoxyethylene (20), Polysorbate (80); CAS : [9005-65-6]; Flash Point : 110°C; Density : >1.0		



Xylenes

Scintanalyzed™



Quantity	Packaging	Cat. No.
4L	Glass Bottle	X16-4

≥98.5%; Xylol, Dimethylbenzene; C₈H₁₀; C₆H₄(CH₃)₂;
FW: 106.17; **CAS**: [1330-20-7, 100-41-4];
Melting Point: -34°C (-29.2°F);
Flash Point: 25.6°C (78.1°F);
Boiling Point: 136° to 140°C (276.8° to 284°F);
Density: 3.66 (Air = 1.0); **DOT Class 3**: Flammable Liquid; **UN**: 1307;
 Also meets ACS specifications



Zinc

Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	Z15-500
3kg	Poly Bottle	Z15-3

Granular; ≥99.8%; Zn; **FW**: 65.41; **CAS**: [7440-66-6];
Melting Point: 419°C; **Boiling Point**: 908°C;
Density: 7.14g/mL; **Atomic Weight**: 65.37; 20 Mesh;
 Low in Arsenic, Iron and Lead.



Zinc Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	Z16-500

Granular; $\geq 99.8\%$; Zn; F.W. 65.41; CAS [7440-66-6];
Melting Point: 419°C; **Boiling Point:** 908°C; **Density:** 7.14g/mL;
Atomic Weight: 65.37; 30 Mesh;
 Low in Arsenic, Iron and Lead.

ChemAlert [®] Storage Code GRAY
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Zinc Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	Z11-500

Mossy; $\geq 99.8\%$; Zn; F.W. 65.41; CAS [7440-66-6];
Melting Point: 419°C; **Boiling Point:** 908°C; **Density:** 7.14g/mL;
Atomic Weight: 65.37
 Low in arsenic, iron and lead.

ChemAlert [®] Storage Code GRAY
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Zinc Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	Z5-500

Powder; $\geq 97\%$; Zinc Dust; Zn; F.W. 65.41; CAS [7440-66-6];
Melting Point: 419°C; **Boiling Point:** 908°C;
Density: 7.14g/mL; **DOT Class 4.3:** Dangerous When Wet;
UN: 1436; **Atomic Weight:** 65.37

ChemAlert [®] Storage Code RED

Zinc

ACROS
ORGANICS

Quantity	Packaging	Cat. No.
25kg	Plastic Drum	AC19834-0250

Very Fine Gray Powder; 98+%; Zn; F.W. 65.38;
 CAS [7440-66-6, 1314-13-2]; **Melting Point:** 419°C;
Boiling Point: 906.0°C; **Density:** 7.1400g/mL; **UN:** 3077



Alfa Aesar



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Acetaldehyde

Alfa Aesar

Quantity	Packaging	Cat. No.
100mL	----	AA33244AE

Liquid; 98.5%; CH_3CHO ; **FW.** 44.06; **CAS** [75-07-0];
Melting Point: -128°C ; **Flash Point:** -27° (-17°F); **Boiling Point:** 20.8°C ;
Density: 0.780g/mL; **Transport Hazard Class:** 3; **UN:** 1715

4-Acetamidobenzenesulfonyl Azide

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC44380-0250

97%; $\text{C}_8\text{H}_8\text{N}_4\text{O}_3\text{S}$; **FW.** 240.24; **CAS** [86386-73-4];
Melting Point: 107° to 111°C

Acetic Anhydride

Certified ACS

F

Quantity	Packaging	Cat. No.
100mL	Glass Bottle	A10-100
500mL	Glass Bottle	A10-500
1L	Glass Bottle	A10-1
4L	Glass Bottle	A10-4

$\geq 97.0\%$; Acetyl Oxide, Acetic Oxide; $\text{C}_4\text{H}_6\text{O}_5$; $(\text{CH}_3\text{CO})_2\text{O}$;
FW. 102.09; **CAS** [108-24-7]; **Melting Point:** -73.1°C ;
Flash Point: 53°C ; **Boiling Point:** 137°C ; **Density:** 1.08g/mL;
DOT Class 8: Corrosive; **UN:** 1715

ChemAlert
Storage Code
RED

Acetophenone

Certified ACS

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A22-500

Methyl Phenyl Ketone, 1-Phenylethanone, Hyponone; $\text{C}_8\text{H}_8\text{O}$;
 $\text{CH}_3\text{COC}_6\text{H}_5$; **FW.** 120.15; **CAS** [98-86-2]; **Melting Point:** 19.6°C ;
Flash Point: 77°C ; **Boiling Point:** 202°C ; **Density:** 4.12 (Air=1.0)

ChemAlert
Storage Code
GRAY

Acetyl Acetone

Certified ACS

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A25-500

2,4-Pentanedione, Diacetylmethane, Acetylpropionyl; $\text{C}_5\text{H}_8\text{O}_2$;
 $\text{CH}_3\text{COCH}_2\text{COCH}_3$; **FW.** 100.12; **CAS** [123-54-6];
Melting Point: -23°C ; **Flash Point:** 33°C ;
Boiling Point: 139° to 141°C ; **Density:** 0.97g/mL;
DOT Class 3: Flammable Liquid; **UN:** 2310

ChemAlert
Storage Code
RED

Acetyl Chloride

Certified ACS

F

Quantity	Packaging	Cat. No.
250mL	Amber Glass Bottle	A27-250

$\geq 98\%$; Ethanoyl Chloride; $\text{C}_2\text{H}_3\text{ClO}$; CH_3COCl ; **FW.** 78.5;
CAS [75-36-5]; **Melting Point:** -112°C (-170°F);
Flash Point: 4°C ; **Boiling Point:** 51°C ; **Density:** 2.7 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1717

ChemAlert
Storage Code
RED

N-Acetyl-D-glucosamine

Alfa Aesar

Quantity	Packaging	Cat. No.
50g	----	AAA1304718

$\geq 98\%$; $\text{C}_8\text{H}_{15}\text{NO}_6$; **FW.** 221.21; **CAS** [7512-17-6]; **Melting Point:** ca 211°C dec.

Acryloyl Chloride

Alfa Aesar

Quantity	Packaging	Cat. No.
10g	----	AAL1036309

96%; Propenoyl Chloride; $\text{C}_3\text{H}_3\text{ClO}$; $\text{CH}_2=\text{CHCOCl}$; **FW.** 90.51;
CAS [814-68-6]; **Flash Point:** -4°C (24°F); **Boiling Point:** 74° to 76°C ;
Transport Hazard Class: 6.1; **UN:** 3383

Allyl Alcohol

Extra Pure

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	AC10286-0025

99%; 2-Propen-1-ol; $\text{C}_3\text{H}_6\text{O}$; $\text{H}_2\text{C}=\text{CHCH}_2\text{OH}$; **FW.** 58.08; **CAS** [107-18-6];
Melting Point: -129.0°C ; **Flash Point:** 21°C ;
Boiling Point: 96.0° to 98.0°C ; **Density:** 0.8500g/mL; **UN:** 1098

Allyl Bromide

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
5L	Plastic Bottle	AC10290-0050

99%; 3-Bromopropene; $\text{C}_3\text{H}_5\text{Br}$; $\text{H}_2\text{C}=\text{CHCH}_2\text{Br}$; **FW.** 120.98;
CAS [106-95-6, 75-56-9]; **Melting Point:** -119.0°C ; **Flash Point:** -1°C ;
Boiling Point: 70.0° to 71.0°C ; **Density:** 1.3900g/mL; **UN:** 1099

Allyl Iodide

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC21854-5000

98%; 3-Iodopropene; $\text{C}_3\text{H}_5\text{I}$; $\text{H}_2\text{C}=\text{CHCH}_2\text{I}$; **FW.** 167.98; **CAS** [556-56-9];
Melting Point: -99.0°C ; **Flash Point:** 18°C ;
Boiling Point: 102.0° to 103.0°C ; **Density:** 1.8300g/mL

Allylbenzene

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC10289-5000

98%; 3-Phenyl-1-propene; C_9H_{10} ; $\text{C}_6\text{H}_5\text{CH}_2\text{CH}=\text{CH}_2$; **FW.** 118.18;
CAS [300-57-2]; **Flash Point:** 33°C ; **Boiling Point:** 156.0° to 157.0°C ;
Density: 0.8900g/mL

2-Aminopyridine Hydrochloride

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC44861-0050

97%; $\text{C}_5\text{H}_7\text{N}_3\text{ClH}$; **FW.** 157.60; **CAS** [51285-26-8];
Melting Point: 146.0°C to 148.0°C

4-Aminoantipyrine

Certified ACS

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	01123-100

Crystalline; $\geq 98\%$; Ampyrone; $\text{C}_{11}\text{H}_{13}\text{N}_3\text{O}$;
 $\text{CH}_3\text{NN}(\text{C}_6\text{H}_5)\text{COC}(\text{NH}_2)\text{CCH}_3$; **FW.** 203.25; **CAS** [83-07-8];
Melting Point: 107.5° to 109°C ;

ChemAlert
Storage Code
GRAY

3-Amino-1-bromoisoquinoline

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC44916-0050

97%; $\text{C}_9\text{H}_7\text{BrN}_2$; **FW.** 223.07; **CAS** [13130-79-5];
Melting Point: 144.0°C to 146.0°C

(R)-(-)-2-Aminobutane

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAL0388906

99%; (R)-(-)-2-Butylamine, (R)-(-)-1-Methylpropylamine; C₄H₁₁N;
FW. 73.14; CAS [13250-12-9]; **Flash Point:** -19°C (-2°F);
Boiling Point: 63°C; **Transport Hazard Class:** 3; **UN:** 2733

4-Amino-2-chlorobenzonitrile

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AAL1592422

3-Chloro-4-cyanoaniline; C₇H₅ClN₂; **FW.** 152.58; CAS [20925-27-3];
Melting Point: 116° to 119°C; **Transport Hazard Class:** 6.1; **UN:** 3439

2-Amino-4-cyanopyridine

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAL1984114

97%; 2-Aminoisonicotinonitrile, 4-Cyano-2-pyridinamine; C₆H₅N₃;
FW. 119.13; CAS [42182-27-4]; **Melting Point:** 148° to 152°C;
Transport Hazard Class: 6.1; **Packing Group:** III; **UN:** 3439

(R)-4-(1-Aminoethyl)phenol

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAH6300106

Solid; 97%; (R)-1-(4-Hydroxyphenyl)ethylamine; C₉H₁₁NO;
FW. 137.18; CAS [134855-89-3]; **UN:** 3259; White

(S)-(+)-2-Amino-3-methyl-1-butanolACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
25mL	Glass Bottle	AC18159-0250

96%; L-Valinol; C₅H₁₃NO; (CH₃)₂CHCH(NH₂)CH₂OH; **FW.** 103.16;
CAS [2026-48-4]; **Melting Point:** 30.0° to 32.0°C; **Flash Point:** 91°C;
Boiling Point: 81.0°C (8.0mmHg); **Density:** 0.9200g/mL; **UN:** 3259

3-AminomethyltetrahydrofuranACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC43300-0010

97%; C₅H₁₁NO; **FW.** 101.15; CAS [165253-31-6];
Boiling Point: 65.0°C (15.0 Torr); **UN:** 2924

2-Amino-1,3-propanediolACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC40103-0250

White to off-white adhering crystalline powder; 98%; Serinol;
C₃H₉NO₂; NH₂CH(CH₂OH)₂; **FW.** 91.11; CAS [534-03-2];
Melting Point: 52.0° to 56.0°C; **Flash Point:** >110°C;
Boiling Point: 115.0° to 116.0°C; **UN:** 3259

Ammonium Citrate Dibasic

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	A663-500
2.5kg	Glass Bottle	A663-212

Crystalline; 98.0 to 103.0%;
Citric Acid Diammonium Salt, Diammonium Citrate;
(NH₄)₂C₆H₈O₇; (NH₄)₂O₂CCH₂C(OH)(CO₂H)CH₂CO₂; **FW.** 226.19;
CAS [3012-65-5]; **Density:** 1.5g/mL

ChemAlert®
Storage Code
GRAY**Ammonium Formate**

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	A666-500

Crystalline; 97 to 103%; Formic Acid Ammonium Salt;
NH₄COOH; HCOONH₄; **FW.** 63.06; CAS [540-69-2];
Melting Point: 115° to 120°C (239° to 248°F);
Boiling Point: 180°C; **Density:** 1.28g/mL

ChemAlert®
Storage Code
GRAY**Ammonium Oxalate Monohydrate**

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	A679-500

Crystalline; 99.0 to 101.0%;
Ethanedioc Acid, Diammonium Salt Monohydrate;
C₂H₈N₂O₄·H₂O; (NH₄)₂D(O)CC(O)(NH₄)·H₂O; **FW.** 142.11;
CAS [6009-70-7]; **Melting Point:** 70°C; **Density:** 1.5g/mL;
DOT Class 6.1: Poison; **UN:** 2811

ChemAlert®
Storage Code
BLUE**Amyl Acetate**

Laboratory Grade

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A718-500
4L	Poly Bottle	A718-4

Pentyl Acetate, Pentacetate; C₇H₁₄O₂;
CH₃(CH₂)₄OC(O)CH₃; **FW.** 130.19; CAS [628-63-7];
Melting Point: -70.8°C; **Flash Point:** 40°C;
Boiling Point: 149°C; **Density:** 0.87g/mL;
DOT Class 3: Flammable Liquid; **UN:** 1104

SOLVENT

ChemAlert®
Storage Code
RED**n-Amyl Alcohol**

Certified ACS

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A394-500
4L	Glass Bottle	A394-4

>98.0%; 1-Pentyl Alcohol, 1-Pentanol; C₅H₁₂O;
CH₃(CH₂)₄OH; **FW.** 88.15; CAS [71-41-0];
Melting Point: -78°C; **Flash Point:** 48°C;
Boiling Point: 137° to 139°C; **Density:** 0.81g/mL;
DOT Class 3: Flammable Liquid; **UN:** 1105

SOLVENT

ChemAlert®
Storage Code
RED**tert-Amyl Alcohol**

Certified ACS

F

Quantity	Packaging	Cat. No.
1L	Glass Bottle	A730-1

Amylene Hydrate, tert-Pentyl Alcohol,
2-Methyl-2-Butanol, tert-Pentanol, Dimethyl Ethyl
Carbinol; C₅H₁₂O; (CH₃)₂COHC₂H₅; **FW.** 88.15;
CAS [75-85-4]; **Melting Point:** -12°C
Flash Point: 20°C; **Boiling Point:** 102°C; **Density:** 0.8g/mL;
DOT Class 3: Flammable Liquid; **UN:** 1105

SOLVENT

ChemAlert®
Storage Code
RED**Aniline**

Certified ACS

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A740I-500
4L	Glass Bottle	A740I-4

Phenylamine, Aminobenzene, Benzenamine; C₆H₇N; C₆H₅NH₂;
FW. 93.13; CAS [62-53-3]; **Flash Point:** 76°C;
Density: 3.3 (Air = 1.0); **DOT Class 6.1:** Poison; **UN:** 1547
This product darkens to a reddish-brown color on storage.

ChemAlert®
Storage Code
BLUE

Anthrone Extra Pure



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC40136-1000

95%; 9(10H)-Anthracenone, 9,10-Dihydro-9-oxoanthracene; C₁₄H₁₀O;
FW. 194.23; **CAS** [90-44-8]; **Melting Point:** 152.0° to 157.0°C;
Boiling Point: 721.0°C

Anthrone ACS Reagent



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC10496-5000

9(10H)-Anthracenone, 9,10-Dihydro-9-oxoanthracene; C₁₄H₁₀O;
FW. 194.23; **CAS** [90-44-8]; **Melting Point:** 152.0° to 157.0°C;
Boiling Point: 721.0°C

L(+)-Arabinose

Alfa Aesar

Quantity	Packaging	Cat. No.
250g	----	AAA1192130

99%; C₅H₁₀O₅; **FW.** 150.13; **CAS** [87-72-9]; **Melting Point:** 156° to 160°C

L(+)-Arabinose Biochemical Grade



Quantity	Packaging	Cat. No.
25g	Plastic Bottle	AC36518-0250
100g	Plastic Bottle	AC36518-1000
500g	Plastic Bottle	AC36518-5000

99%; C₅H₁₀O₅; **FW.** 150.13; **CAS** [87-72-9]; **Melting Point:** 155.0° to 160.0°C

L(+)-Arginine Hydrochloride



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC10500-0025

≥98%; C₆H₁₄N₄O₂·HCl; H₂NC(=NH)NH(CH₂)₃CH(NH₂)CO₂H·HCl;
FW. 210.67; **CAS** [1119-34-2]; **Melting Point:** 226.0°C

Ascorbic Acid USP/FCC



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A62-500
2.5kg	Poly Bottle	A62-212

Powder; Vitamin C, L-Ascorbic Acid; C₆H₈O₆;
 CH₂OHCHOHCHCOH:COHCOO; **FW.** 176.13; **CAS** [50-81-7];
Melting Point: 190°C; **Density:** 1.65g/mL;
 Not for human use.



L-Ascorbic Acid Certified ACS



Quantity	Packaging	Cat. No.
25g	Glass Bottle	A61-25
100g	Glass Bottle	A61-100

Crystalline; ≥99.0 %; Vitamin C, Ascorbic Acid; C₆H₈O₆;
 CH₂OHCHOHCHCOH:COHCOO; **FW.** 176.13; **CAS** [50-81-7];
Melting Point: 190°C; **Density:** 1.65g/mL;
 Not for human use.



L-Ascorbic Acid ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA3623736

Powder; >99%; Vitamin C; C₆H₈O₆; **FW.** 176.12; **CAS** [50-81-7];
Melting Point: 191°C; **Density:** 1.65g/mL

L-(+)-Ascorbic Acid

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA1118836

Powder; ≥98%; Vitamin C; C₆H₈O₆; **FW.** 176.12; **CAS** [50-81-7];
Melting Point: ≈191°C (dec.); **Density:** 1.65g/mL

Azidotri-n-butyltin(IV)

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAH5563414

95%; C₁₂H₂₇N₃Sn; [CH₃(CH₂)₃]₃SnN₃; **FW.** 332.06; **CAS** [17846-68-3];
Flash Point: 113°C (235°F); **Transport Hazard Class:** 6.1; **UN:** 2788

2,2'-Azobis(2-methylpropionamide) Dihydrochloride



Quantity	Packaging	Cat. No.
50g	Plastic Bottle	AC40156-0500

98%; 2,2'-Azobis(isobutyramidine) Dihydrochloride, 2,2'-Azobis
 (2-amidinopropane) Dihydrochloride, AAPH; C₈H₁₆N₂·2HCl; **FW.** 271.19;
CAS [2997-92-4]; **UN:** 3226

Barium Diphenylamine Sulfonate Certified



Quantity	Packaging	Cat. No.
25g	Glass Bottle	B38-25

Powder; N-Phenylsulfanilic Acid Barium Salt,
 p-Diphenylaminesulfonic Acid Barium Salt; C₂₄H₂₀BaN₂O₆S₂;
 Ba(C₆H₅NHC₆H₄SO₃)₂;
FW. 633.9; **CAS** [6211-24-1]; **Melting Point:** 300°C (572°F);
DOT Class 6.1: Poison; **UN:** 1564; Oxidation-reduction indicator



Bentonite Laboratory Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	B235-500

Powder; Wilkinite, Sodium Montmorillonite; **CAS** [1302-78-9];
 Sodium form.



Benzalkonium Chloride

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA4133922

C₁₂H₂₅CH₂N(CH₃)Cl; **CAS** [63449-41-2]

Benzeneboronic Acid, Polymer-supported

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAL1945914

4-Boronopolystyrene, Phenylboronic acid, polymer-supported;
 2.6 to 3.2mmol/g

Benzine (Petroleum Naphtha)



Quantity	Packaging	Cat. No.
20L	Steel Pail	B264-20

Naphtha; C₅ to C₁₀ Hydrocarbons;
CAS [64742-89-8, 1330-20-7, 108-38-3, 100-41-4, 71-43-2];
Flash Point: 14°C;
Boiling Point: 118.5° to 140°C (245.3° to 284.9°F);
Density: 4.1 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1268



Benzyl Alcohol

NF



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A395-500
4L	Glass Bottle	A395-4

Benzenemethanol, Phenylcarbinol; C₇H₈O;
C₆H₅CH₂OH; **F.W.** 108.14; **CAS** [100-51-6];
Melting Point: -15°C (5°F); **Flash Point:** 96°C;
Boiling Point: 205°C; **Density:** 3.72 (Air = 1.0);



Benzophenone

Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	B270-500

Crystalline Flakes; Diphenyl Ketone, Diphenylmethanone,
Benzoylbenzene; C₁₃H₁₀O; C₆H₅COC₆H₅; **F.W.** 182.22;
CAS [119-61-9]; **Melting Point:** 47° to 49°C (116.6° to 120.2°F);
Flash Point: 143°C; **Boiling Point:** 305°C; **Density:** 1.11g/mL



Benzyl Alcohol

NF



Quantity	Packaging	Cat. No.
1L	Glass Bottle	MK14031

C₆H₅CH₂OH; **F.W.** 108.14; **CAS** [100-51-6]

Benzyl Alcohol

ACS Reagent



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	AC44772-1000
1L	Glass Bottle	AC44772-0010
2.5L	Glass Bottle	AC44772-0025

Phenylmethanol; C₇H₈O; C₆H₅CH₂OH; **F.W.** 108.14; **CAS** [100-51-6];
Melting Point: -15.0°C; **Flash Point:** 96°C; **Boiling Point:** 205.0°C;
Density: 1.0440g/mL

Benzotriazol-1-yloxytris(dimethylamino) Phosphonium Hexafluorophosphate

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAH2660906

AOP, Tris(dimethylamino)[3H-1,2,3-triazolo [4,5-b]pyridin-3-yloxy]
Phosphonium Hexafluorophosphate; C₁₁H₂₁F₆N₃O₂P₂; **F.W.** 443.27;
CAS [156311-85-2]; **Melting Point:** ≈180°C

Benzoyl Chloride

Pure



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC10575-0010
2.5L	Glass Bottle	AC10575-0025

99%; C₇H₅ClO; C₆H₅COCl; **F.W.** 140.57; **CAS** [98-88-4];
Melting Point: -1.0°C; **Flash Point:** 93°C; **Boiling Point:** 198.0°C;
Density: 1.2100g/mL; **UN:** 1736

Benzyl Alcohol



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	16101407

Liquid; Benzenecarbinol, Benzenmethanol, Phenylcarbinol; C₇H₈O;
F.W. 108.14; **CAS** [100-51-6]; **Melting Point:** -15°C (5°F);
Flash Point: 93°C (200°F); **Boiling Point:** 205°C (401°F);
Density: 1.045g/mL at 25°C (77°F); Colorless, Clear;
General solvent use

Benzyl Alcohol

Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A396-500
4L	Glass Bottle	A396-4

Benzenemethanol, Phenylcarbinol; C₇H₈O;
F.W. 108.14; **CAS** [100-51-6]; **Melting Point:** -15°C
(5°F); **Flash Point:** 96°C; **Boiling Point:** 205°C;
Density: 3.72 (Air = 1.0)



4-Benzyloxyphenol

Alfa Aesar

Quantity	Packaging	Cat. No.
1000g	----	AAA148430B

Hydroquinone Monobenzyl Ether, Monobenzene; C₁₃H₁₂O₂;
F.W. 200.24; **CAS** [103-16-2]; **Melting Point:** 118° to 122°C

D(+)-Biotin



Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC23009-0010

98%; Vitamin H; C₁₀H₁₆N₂O₆S; **F.W.** 244.31; **CAS** [58-85-5];
Melting Point: 231.0°C to 233.0°C

D-(+)-Biotin

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAA1420706
≥98%; C ₁₀ H ₁₆ N ₂ O ₃ S; FW. 244.32; CAS [58-85-5]; Melting Point: 228° to 232°C		

Biphenyl-4-sulfonic Acid Hydrate

Technical Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
250g	----	AAA1832330
85%; 4-Phenylbenzenesulfonic Acid Hydrate; C ₁₂ H ₁₀ O ₃ S·xH ₂ O; FW. 234.27 (Anhydrous); CAS [2113-68-0]; Melting Point: 134° to 138°C; Transport Hazard Class: 8; UN: 2585		

(±)-2,2'-Bis(diphenylphosphino)-1,1'-binaphthyl

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC36864-1000
White to light beige powder; 98%; (1)-BINAP; C ₂₄ H ₃₂ P ₂ ; FW. 622.69; CAS [98327-87-8]; Melting Point: 280° to 285°C		

[1,1'-Bis(diphenylphosphino)ferrocene]palladium(II) Chloride

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AA4122514
Powder; Dichloro [1,1'-bis (diphenylphosphino) ferrocene] palladium (II) dichloromethane Complex; C ₃₄ H ₂₈ Cl ₂ Fe ₂ Pd·CH ₂ Cl ₂ ; FW. 816.64; CAS [95464-05-4]; Melting Point: 275° to 280°C		

4,6-Bis(diphenylphosphino)phenoxazine

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAH2733006
NIXANTPHOS; C ₂₈ H ₂₇ NOP ₂ ; FW. 551.55; CAS [261733-18-0]; Melting Point: 251° to 254°C		

Bis(2-ethylhexyl) Phosphate

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA1772336
Liquid; 95%; DEHPA, Di(2-ethylhexyl)phosphoric Acid; C ₁₈ H ₃₅ O ₄ P; FW. 322.43; CAS [298-07-7]; Melting Point: -50°C; Flash Point: 171° (340°F); Boiling Point: 48°C (12mmHg); Density: 0.965g/mL; Transport Hazard Class: 8 For extraction of metals		

N,O-Bis(trimethylsilyl)trifluoroacetamide

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC16800-1000
≥98%; BSTFA; C ₈ H ₁₈ F ₃ NO ₂ Si ₂ ; CF ₃ C [=NSi(CH ₃) ₃ OSi(CH ₃) ₃]; FW. 257.39; CAS [25561-30-2]; Melting Point: -10.0°C; Flash Point: 23°C; Boiling Point: 45.0° to 50.0°C (14.0mmHg); Density: 0.9600g/mL; UN: 2920		

Bis(tri-o-tolylphosphine)palladium(0)

Alfa Aesar

Quantity	Packaging	Cat. No.
1g	----	AA4581403
Crystalline; Pd 14.9%; C ₄₂ H ₄₂ P ₂ Pd; FW. 715.16; CAS [69861-71-8]; Melting Point: 220 to 225°C; Off-white to yellow		

1,3-Bis [tris(hydroxymethyl)amino]propane

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
1kg	Glass Bottle	AC20264-0010
99%; C ₁₁ H ₂₈ N ₂ O ₆ ; CH ₂ (CH ₂ NHC(CH ₂ OH) ₃) ₂ ; FW. 282.33; CAS [64431-96-5]; Melting Point: 164.0° to 165.0°C		

2-(Boc-amino)-5-pyridinemethanol

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAH5007706
97%; tert-Butyl (5-hydroxymethyl-2-pyridyl)carbamate; C ₁₁ H ₁₆ N ₂ O ₃ ; FW. 224.26; CAS [169280-83-5]		

BOC-Glycine N-hydroxysuccinimide Ester

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
25g	Plastic Bottle	AC43670-0250
White powder; 99%; C ₁₁ H ₁₆ N ₂ O ₆ ; FW. 272.26; CAS [3392-07-2]; Melting Point: 158.4° to 161.9°C		

N-BOC-4-oxo-L-proline

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC44928-0050
98%; C ₁₀ H ₁₅ NO ₅ ; FW. 229.23; CAS [84348-37-8]; Melting Point: 155.0°C to 163.0°C		

N-BOC-1,2,3,6-tetrahydropyridine-4-boronic Acid Pinacol Ester

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC45172-0050
97%; C ₁₆ H ₂₈ BNO ₄ ; FW. 309.21; CAS [286961-14-6]; Melting Point: 115.0° to 117.0°C		

Borane-tetrahydrofuran Complex

Alfa Aesar

Quantity	Packaging	Cat. No.
100mL	----	AAL13961AE
BTHF; C ₄ H ₁₁ BO; FW. 85.94; CAS [14044-65-6]; Flash Point: -21°C (-8°F); Transport Hazard Class: 4.3; UN: 3148; Recommended Storage: 2° to 8°C; 1M soln. in THF		

Bromoacetic Acid

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
10kg	Plastic Drum	AC10657-0100
99%; C ₂ H ₃ BrO ₂ ; BrCH ₂ CO ₂ H; FW. 138.95; CAS [79-08-3]; Melting Point: 49.0° to 51.0°C; Flash Point: 113°C; Boiling Point: 208.0°C; Density: 1.9300g/mL; UN: 3425		

Bromobenzene

Certified



Quantity	Packaging	Cat. No.
1L	Glass Bottle	B253-1
Monobromobenzene, Phenyl Bromide; C ₆ H ₅ Br; FW. 157.01; CAS [108-86-1]; Melting Point: -31°C; Flash Point: 51°C; Boiling Point: 155°C; Density: 5.41 (Air=1.0); DOT Class 3: Flammable Liquid; UN: 2514;		

ChemAlert! Storage Code RED

Bromobenzene

Pure

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
10L	Plastic Drum	AC10668-0100

99%; Phenylbromide; C_6H_5Br ; **FW.** 157.01; CAS [108-86-1];
Melting Point: $-31.0^{\circ}C$; **Flash Point:** $51^{\circ}C$; **Boiling Point:** $156.0^{\circ}C$;
Density: 1.4900g/mL; **UN:** 2514

5-Bromo-1H-benzimidazole

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC45167-0250

97%; $C_7H_5BrN_2$; **FW.** 197.03; CAS [4887-88-1];
Melting Point: 130.0° to $134.0^{\circ}C$

1-Bromo-2-butyne

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC38702-0250

Clear pale yellow-greenish liquid; 98%; 2-Butynyl Bromide; C_4H_5Br ;
 CH_3CCCH_2Br ; **FW.** 132.99; CAS [3355-28-0]; **Flash Point:** $36^{\circ}C$;
Boiling Point: 40.0° to $41.0^{\circ}C$; **Density:** 1.4730g/mL; **UN:** 1993

Bromoethane

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AAA1280436

98%; Ethyl Bromide; C_2H_5Br ; $BrCH_2CH_3$; **FW.** 108.97; CAS [74-96-4];
Melting Point: $-119^{\circ}C$; **Flash Point:** $-23^{\circ}C$ ($-9^{\circ}F$);
Boiling Point: 37° to $39^{\circ}C$; **Transport Hazard Class:** 6.1; **UN:** 1891

4-Bromo-5-fluoro-2-methoxyaniline

Alfa Aesar

Quantity	Packaging	Cat. No.
1g	----	AAH5939703

96%; C_7H_7BrFNO ; **FW.** 220.04; CAS [330794-03-1];
Transport Hazard Class: 6.1; **UN:** 2811

5-Bromo-3-fluoro-2-(trifluoromethyl)pyridine

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC45257-0050

97%; $C_6H_2BrF_4N$; **FW.** 243.98; CAS [1262412-30-5];
Boiling Point: 68.0° to $70.0^{\circ}C$ (25.0 Torr)

4-Bromo-7-fluoroindole

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAH5458706

95%; C_8H_5BrFN ; **FW.** 214.04; CAS [883500-66-1];
Melting Point: 24° to $25^{\circ}C$

1-Bromo-3-methyl-2-butene

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
50g	Glass Bottle	AC30741-0500

96%; 3,3-Dimethylallyl Bromide, Prenyl Bromide; C_5H_9Br ;
 $BrCH_2CH=C(CH_3)_2$; **FW.** 149.04; CAS [870-63-3]; **Flash Point:** $32^{\circ}C$;
Boiling Point: 82.0° to $83.0^{\circ}C$ (150.0mmHg); **Density:** 1.2700g/mL;
UN: 2924

5-Bromo-2-methyl-2-pentene

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAL1940606

97%; $C_8H_{11}Br$; **FW.** 163.06; CAS [2270-59-9]; **Flash Point:** $23^{\circ}C$ ($73^{\circ}F$);
Boiling Point: $50^{\circ}C$ (20mmHg); **Transport Hazard Class:** 3;
UN: 1993

4-Bromophenylacetone

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC38022-0250

97%; C_9H_9BrO ; **FW.** 213.08; CAS [6186-22-7]

(S)-(-)-1-(4-Bromophenyl)ethylamine

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAL2008014

99%, ee 98%; (S)-(-)-p-Bromo-alpha-methylbenzylamine; $C_9H_{10}BrN$;
FW. 200.08; CAS [27298-97-1]; **Melting Point:** $-25^{\circ}C$ (neat);
Flash Point: $>110^{\circ}C$ ($230^{\circ}F$); **Boiling Point:** 140° to $145^{\circ}C$ (30mmHg);
Transport Hazard Class: 8

 α -Bromo-p-toluic AcidACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
250g	Glass Bottle	AC17040-2500

White to beige crystalline powder; 97%;
4-Bromomethylbenzoic Acid; $C_8H_7BrO_2$; $BrCH_2C_6H_4CO_2H$; **FW.** 215.05;
CAS [6232-88-8]; **Melting Point:** 223.0° to $227.0^{\circ}C$; **UN:** 3261

Butadiene Monoxide

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAL0023814

98%; 3,4-Epoxybut-1-ene, 2-Vinyloxirane; C_4H_6O ; **FW.** 70.09;
CAS [930-22-3]; **Melting Point:** $-135^{\circ}C$; **Flash Point:** $-50^{\circ}C$ ($-58^{\circ}F$);
Boiling Point: 65° to $66^{\circ}C$; **Transport Hazard Class:** 3;
UN: 1993

2-Butanone

Technical Grade

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
5L	Metal Drum	AC44417-0050

Methyl Ethyl Ketone, MEK; C_4H_8O ; $C_2H_5COCH_3$; **FW.** 72.11;
CAS [78-93-3]; **Melting Point:** $-87.0^{\circ}C$; **Flash Point:** $-7^{\circ}C$;
Boiling Point: $80.0^{\circ}C$; **Density:** 0.8060g/mL

3-Buten-1-amine

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAL2015706

97%; 4-Amino-1-butene, 3-Butenylamine;
 C_4H_9N ; **FW.** 71.12; CAS [2524-49-4]; **Flash Point:** $-5^{\circ}C$ ($23^{\circ}F$);
Boiling Point: 74° to $77^{\circ}C$; **UN:** 2733

3-Butenylamine



Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC45505-0010
5g	Glass Bottle	AC45505-0050

97%; 1-Amino-3-butene, Homoallylamine; C₄H₉N; H₂C=CH(CH₂)₂NH₂; **FW.** 71.12; CAS [2524-49-4]; **Flash Point:** -5°C; **Boiling Point:** 83°C;

n-Butyl Acetate

Reagent Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	B396-1
4L	Glass Bottle	B396-4

Acetic Acid Butyl Ester; C₈H₁₆O₂; CH₃COOCH₂(CH₂)₃CH₃; **FW.** 116.16; CAS [123-86-4]; **Melting Point:** -77°C; **Flash Point:** 22°C; **Boiling Point:** 127° to 126°C (260.6° to 258.8°F); **Density:** 4.0 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1123



n-Butyl Chloride

Certified ACS



Quantity	Packaging	Cat. No.
1L	Glass Bottle	B416-1
4L	Glass Bottle	B416-4

1-Chlorobutane, n-Propylcarbonyl Chloride; C₄H₉Cl; CH₃(CH₂)₃Cl; **FW.** 92.57; CAS [109-69-3]; **Melting Point:** -123°C (-189.4°F); **Flash Point:** -12°C; **Boiling Point:** 79°C; **Density:** 3.19 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1127



n-Butyl Chloride

HPLC Grade



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	B429-4
4L	Amber Glass Bottle, Safe-Cote™	B429SK-4

99% min by GC; 1-Chlorobutane, n-Propylcarbonyl Chloride; C₄H₉Cl; CH₃(CH₂)₃Cl; **FW.** 92.57; CAS [109-69-3]; **Melting Point:** -123°C (-189.4°F); **Flash Point:** -12°C; **Boiling Point:** 79°C (174.2°F); **Density:** 3.19 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1127

HPLC Grade mobile phase for analytical and preparative separations. High UV transmittance and low evaporation residue. Filtered through a sub-micron filter to remove particulates.



tert-Butyl Methyl Ether

HPLC Grade

Afa Aesar

Quantity	Packaging	Cat. No.
250mL	----	AA41839AK

Liquid; ≥99%; Methyl tert-Butyl Ether; (CH₃)₃COCH₃; **FW.** 88.15; CAS [1634-04-4]; **Melting Point:** -109°C; **Flash Point:** -25° (-13°F); **Boiling Point:** 55° to 56°C; **Density:** 0.742g/mL; **Transport Hazard Class:** 3; **UN:** 2350

n-Butyl Phosphate

Laboratory Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	B404-500
4L	Glass Bottle	B404-4

Tributyl Phosphate, Phosphoric Acid Tributyl Ester; C₁₂H₂₇O₄P; (C₄H₉)₃PO₄; **FW.** 266.32; CAS [126-73-8]; **Melting Point:** <-80°C; **Boiling Point:** 289°C; **Density:** 0.98g/mL



Butyl Stearate

Technical Grade

Afa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA3633836

Liquid; CH₃(CH₂)₁₆COO(CH₂)₃CH₃; **FW.** 340.59; CAS [123-95-5]; **Melting Point:** 17° to 22°C; **Flash Point:** 160° (320°F); **Boiling Point:** 343°C; **Density:** 0.861g/mL

n-Butyric Acid



Quantity	Packaging	Cat. No.
10L	Plastic Drum	AC10811-0100

≥99%; C₄H₈O₂; CH₃CH₂CH₂CO₂H; **FW.** 88.11; CAS [107-92-6]; **Melting Point:** -7.0° to 5.0°C; **Flash Point:** 69°C; **Boiling Point:** 162.0° to 165.0°C; **Density:** 0.9600g/mL; **UN:** 2820

Caffeine

USP/FCC



Quantity	Packaging	Cat. No.
500g	Glass Bottle	01728-500

Powder, Anhydrous; 1,3,7-Trimethylxanthine, Guaranine; C₈H₁₀N₄O₂; **FW.** 194.19; CAS [58-08-2]; **Melting Point:** 237.78°C; **Boiling Point:** 177.78°C; **Density:** 1.23g/mL; **DOT Class 6.1:** Poison; **UN:** 1544



Calcium Stearate

Technical Grade



Quantity	Packaging	Cat. No.
3kg	Poly Pail	C136-3

Powder; Stearic Acid Calcium Salt, Octadecanoic Acid Calcium Salt; Ca(CH₃(CH₂)₁₆COO)₂; Ca(O₂C(CH₂)₁₆CH₃)₂; **FW.** 607.02; CAS [1592-23-0]; **Melting Point:** 145° to 160°C; **Density:** 1.03g/mL



Carbon, Activated



Quantity	Packaging	Cat. No.
350g	Glass Bottle	C270-C

Granular; Coconut Charcoal; C; CAS [7440-44-0]; **Melting Point:** 3652°C; **Density:** 1.8g/mL; 6 to 12 Mesh; Grayish-black granules.



Carbon, Activated

USP



Quantity	Packaging	Cat. No.
500g	Glass Bottle	C272-500
2.5kg	Poly Pail	C272-212

Powder; C; CAS [7440-44-0]; **Melting Point:** 3652°C; **Density:** 1.8g/mL; Fine black powder, free from gritty matter.



Carbon, Darco™ G-60, Activated



Quantity	Packaging	Cat. No.
500g	Glass Bottle	D127-500

Black Powder; Activated Charcoal; C; **FW.** 12.01; CAS [7440-44-0]; **Melting Point:** 3652°C; **Density:** 1.8g/mL;



Carbon, Decolorizing



Quantity	Packaging	Cat. No.
500g	Glass Bottle	C170-500

Black Powder; C; **F.W.** 12.01; CAS [7440-44-0];
Melting Point: 3652°C; **Density:** 1.8g/mL; Norit™, Neutral

ChemAlert™
Storage Code
GRAY

Carbon, Lampblack



Quantity	Packaging	Cat. No.
500g	Glass Bottle	C198-500

Oil Black (Lampblack), Carbon Black; C; **F.W.** 12.01;
 CAS [1333-86-4]

ChemAlert™
Storage Code
GRAY

Carbon Tetrachloride

Spectroscopy Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC16772-5000

Clear Liquid; 99+%; CCl₄; **F.W.** 153.82; **Melting Point:** -23.0°C;
Boiling Point: 76.0°C; **Density:** 1.5940g/mL; **UN:** 1846

1,1'-Carbonyldiimidazole



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC15181-0250
100g	Glass Bottle	AC15181-1000

97%; C₇H₆N₄O; **F.W.** 162.15; CAS [530-62-1];
Melting Point: 118.0° to 120.0°C; **UN:** 3259

Carboplatin

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAJ6043306

Powder; 1,1-Cyclobutanedicarboxylatodiammineplatinum(II),
 cis-Diammine(1,1-cyclobutanedicarboxylato) platinum; C₆H₁₂N₂O₄Pt;
 [C₄H₆(CO₂)₂]Pt(NH₃)₂; **F.W.** 371.25; CAS [41575-94-4];
Recommended Storage: -30° to -10°C; White

Castor Oil

USP



Quantity	Packaging	Cat. No.
4L	Glass Bottle	O46-4

Ricinus Oil; CAS [8001-79-4]; **Melting Point:** -10°C;
Boiling Point: 313°C; **Density:** 0.96g/mL

ChemAlert™
Storage Code
GRAY

Cetirizine Dihydrochloride

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAJ6354914

Solid; (±)-[2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]
 Acetic Acid Dihydrochloride; C₂₁H₂₈ClN₂O₃·2HCl; **F.W.** 461.82;
 CAS [83881-52-1]; White

Chloroacetic Acid

Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	A176-500

White Flakes; Monochloroacetic Acid, Chloroethanoic Acid;
 C₂H₃ClO₂; CH₂ClCOOH; **F.W.** 94.5; CAS [79-11-8];
Melting Point: 61° to 63°C; **Boiling Point:** 189°C;
Density: 1.58g/mL; **DOT Class 6.1:** Poison; **UN:** 1751;

ChemAlert™
Storage Code
WHITE

Chlorobis (cyclooctene)iridium (I) Dimer

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AA4496606

Di-μ-chlorobis(cyclooctene)iridium(I); C₃₂H₅₆Cl₂Ir₂; **F.W.** 896.00;
 CAS [12246-51-4]; Ir nominally 42.9%

2-Chloro-3',4'-dihydroxyacetophenone

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AAB2349636

97%; Alpha-Chloro-3,4-dihydroxyacetophenone, 3,4-Dihydroxyphenacyl chloride; C₈H₇ClO₃; **F.W.** 186.59; CAS [99-40-1];
Melting Point: 172° to 176°C

3-Chloro-5-fluorophenol

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAH2619506

98%; C₆H₄ClFO; **F.W.** 146.55; CAS [202982-70-5];
Transport Hazard Class: 8; **UN:** 3265

N-(5-Chloro-2-pyridyl)bis(trifluoromethanesulfonylimide)



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC37880-0250

2-[N,N-Bis(trifluoromethylsulfonyl)amino]-5-chloropyridine;
 C₇H₃ClF₆N₂O₄S₂; **F.W.** 392.69; CAS [145100-51-2];
Melting Point: 45.0° to 47.0°C;
Boiling Point: 77.0° to 90.0°C (0.2mmHg)

5-(Chloromethyl)-1,3-dimethyl-1H-pyrazole



Quantity	Packaging	Cat. No.
10g	Glass Bottle	AC45156-0100

97%; C₆H₉ClN₂; **F.W.** 144.60; CAS [852227-86-2];
Melting Point: 65.0° to 66.0°C

(Chloromethylene)dimethylammonium Chloride

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAB2417214

96%; Arnold's Reagent, N,N-Dimethylchloroformimidinium Chloride;
 C₂H₇Cl₂N; **F.W.** 128.00; CAS [3724-43-4]; **Melting Point:** 130°C (dec.);
Transport Hazard Class: 8; **UN:** 3261

Chloromethylphosphonic Acid



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC45160-0050

98%; CH₂ClO₂P; **F.W.** 130.47; CAS [2565-58-4];
Melting Point: 88.0° to 92.0°C

3-Chloroperoxybenzoic Acid



Quantity	Packaging	Cat. No.
25g	Plastic Bottle	AC25579-0250
100g	Plastic Bottle	AC25579-1000
500g	Plastic Bottle	AC25579-5000
1kg	Plastic Bottle	AC25579-0010

70-75%; m-Chloroperoxybenzoic Acid, m-CPBA, MCPBA; C₇H₅ClO₃;
 ClC₆H₄CO₂H; **F.W.** 172.57; CAS [937-14-4, 535-80-8, 7732-18-5];
Melting Point: 92.0° to 94.0°C; **Density:** 0.5600g/mL; **UN:** 3106

N-Chlorosuccinimide

ACR ^{OS} ORGANICS	Quantity	Packaging	Cat. No.
	2.5kg	Plastic Bottle	AC14925-0025

White crystalline powder; 97%; NCS; C₄H₄ClNO₂; **FW.** 133.53;
CAS [128-09-6]; **Melting Point:** 144.0°C to 150.0°C; **Flash Point:** >110°C

Chromotropic Acid Disodium Salt Dihydrate Certified ACS

F	Quantity	Packaging	Cat. No.
	25g	Glass Bottle	C613-25

4,5-Dihydroxy-2,7-naphthalene Disulfonic Acid Disodium Salt;
C₁₀H₆O₈S₂Na₂·2H₂O; **FW.** 400.28; CAS [5808-22-0];
Melting Point: >300°C

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Storage Code
GRAY

Ciprofloxacin

ACR ^{OS} ORGANICS	Quantity	Packaging	Cat. No.
	5g	Glass Bottle	AC44962-0050
	25g	Glass Bottle	AC44962-0250

98%; C₁₇H₁₈FN₃O₃; **FW.** 331.34; CAS [85721-33-1]

Citric Acid Monohydrate Technical Grade

ACR ^{OS} ORGANICS	Quantity	Packaging	Cat. No.
	5kg	Plastic Drum	AC44437-0050

C₆H₈O₇·H₂O; HO₂CCH₂C(OH)(CO₂H)CH₂CO₂H·H₂O; **FW.** 210.15;
CAS [5949-29-1]; **Melting Point:** 135.0° to 152.0°C; **Flash Point:** 174°C

Citric Acid, Trisodium Salt Dihydrate ACS Reagent

ACR ^{OS} ORGANICS	Quantity	Packaging	Cat. No.
	250g	Plastic Bottle	AC44633-2500
	1kg	Plastic Bottle	AC44633-0010

Trisodium Citrate Dihydrate, Sodium Citrate Tribasic Dihydrate;
C₆H₅Na₃O₇·2H₂O; NaO₂CCH₂C(OH)(CO₂Na)CH₂CO₂Na·2H₂O;
FW. 294.09; CAS [6132-04-3]; **Melting Point:** >300.0°C

Clarithromycin

ACR ^{OS} ORGANICS	Quantity	Packaging	Cat. No.
	1g	Glass Bottle	AC45522-0010

97%; 6-O-Methyl erythromycin; C₃₈H₆₈NO₁₃; **FW.** 747.96;
CAS [81103-11-9]; **Melting Point:** 222° to 231°C

Collodion

MACRON ORGANICS	Quantity	Packaging	Cat. No.
	500mL	Glass Bottle	MK4560500

CAS [64-17-5]; USP

m-Cresol

M IND WILMORE	Quantity	Packaging	Cat. No.
	30kg	Steel Drum with PE Liner	M8096919030

>99.0%; 3-Hydroxytoluol, 3-Methylphenol; C₇H₈O;
FW. 108.14; CAS [108-39-4]; **Melting Point:** 11.5°C (52.7°F);
Boiling Point: 203°C (397.4°F); **Density:** 1.03g/cm³ (20°C); **UN:** 2076

m-Cresol

ACR ^{OS} ORGANICS	Quantity	Packaging	Cat. No.
	1kg	Glass Bottle	AC11058-0010

99%; 3-Methylphenol, 3-Hydroxytoluene; C₇H₈O; CH₃C₆H₄OH;
FW. 108.14; CAS [108-39-4]; **Melting Point:** 8.0° to 10.0°C;
Flash Point: 86°C; **Boiling Point:** 203.0°C; **Density:** 1.0300g/mL;
UN: 2076

18-Crown-6

ACR ^{OS} ORGANICS	Quantity	Packaging	Cat. No.
	500g	Glass Bottle	AC18156-5000

99%; 1,4,7,10,13,16-Hexaoxacyclooctadecane; C₁₂H₂₄O₆;
FW. 264.32; CAS [17455-13-9]; **Melting Point:** 36.0° to 40.0°C;
Flash Point: >110°C

Crystal Violet ACS Reagent

ACR ^{OS} ORGANICS	Quantity	Packaging	Cat. No.
	50g	Glass Bottle	AC44757-0500

Basic Violet 3, Gentian Violet; C₂₅H₃₀ClN₃; **FW.** 407.99;
CAS [548-62-9, 90-94-8]; **Melting Point:** 215.0°C; **C.I.:** 42555

Cumene Extra Pure

ACR ^{OS} ORGANICS	Quantity	Packaging	Cat. No.
	2.5L	Glass Bottle	AC32973-0025

99.9%; Isopropylbenzene; C₉H₁₂; C₆H₅CH(CH₃)₂; **FW.** 120.19;
CAS [98-82-8]; **Melting Point:** -96.0°C; **Flash Point:** 31°C;
Boiling Point: 152.0° to 154.0°C; **Density:** 0.8620g/mL; **UN:** 1918

4-Cyano-1-butyne

ACR ^{OS} ORGANICS	Quantity	Packaging	Cat. No.
	5g	Glass Bottle	AC45559-0050

97%; 4-Pentynenitrile; C₅H₅N; NCCH₂CH₂CCCH; **FW.** 79.1;
CAS [19596-07-7]; **Flash Point:** 65.5°C; **Boiling Point:** 79°C (at 39 Torr);
Density: 0.9063g/mL

2-Cyano-6-hydroxybenzothiazole

ACR ^{OS} ORGANICS	Quantity	Packaging	Cat. No.
	5g	Glass Bottle	AC45094-0050

97%; C₈H₄N₂OS; **FW.** 176.19; CAS [939-69-5];
Melting Point: 212° to 215°C

Cyclobutyl Bromide Pure

ACR ^{OS} ORGANICS	Quantity	Packaging	Cat. No.
	25g	Glass Bottle	AC32050-0250

97%; C₄H₇Br; **FW.** 135.01; CAS [4399-47-7]; **Flash Point:** 22°C;
Boiling Point: 108.0°C; **Density:** 1.4300g/mL; **UN:** 1993

β-Cyclodextrin

ACR ^{OS} ORGANICS	Quantity	Packaging	Cat. No.
	100g	Glass Bottle	AC40600-1000
	500g	Glass Bottle	AC40600-5000

98%; Cycloheptaamylose, β-Shardinger Dextrin, CD; C₄₂H₇₀O₃₅;
FW. 1134.98; CAS [7585-39-9]; **Melting Point:** 310.0°C

2-Cyclohepten-1-one

ACROS
ORGANICS

Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC17107-0050

90%; C₇H₁₀O; **FW**: 110.16; **CAS** [1121-66-0]; **Flash Point**: 68°C;
Boiling Point: 189°C; **Density**: 0.99g/mL

Cyclohexanol

Reagent Grade

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	C558-500

Hexahydrophenol, Hexalin; C₆H₁₂O; CH₂(CH₂)₄CHOH;
FW: 100.16; **CAS** [108-93-0]; **Melting Point**: 23°C;
Boiling Point: 161°C; **Density**: 0.96g/mL

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GRAY

Cyclohexanol

Alfa Aesar

Quantity	Packaging	Cat. No.
500mL	----	AAA17576AP

99%; C₆H₁₂O; **FW**: 100.16; **CAS** [108-93-0]; **Melting Point**: 23° to 24°C;
Flash Point: 67°C (152°F); **Boiling Point**: 160° to 161°C

Cyclohexene

Reagent Grade

F

Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	02111-1

≥98%; 1,2,3,4-Tetrahydrobenzene; C₆H₁₀;
CHCH(CH₂)₃CH₂; **FW**: 82.15; **CAS** [110-83-8, 128-37-0]; **Melting Point**: -104°C; **Flash Point**: -20°C;
Boiling Point: 83°C; **Density**: 0.81g/mL;
DOT Class 3: Flammable Liquid; **UN**: 2256;
Contains 0.01% tert-butylcresol as an inhibitor

SOLVENT
ChemAlert®
Storage Code
RED

Cycloheximide

ACROS
ORGANICS

Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC35742-0250

95%; Actidione; C₁₅H₂₂NO₄; **FW**: 281.35; **CAS** [66-81-9];
Melting Point: 107.0° to 114.0°C; **UN**: 2811

4-Cyclohexylaniline

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAL0318406
2.5L	----	AAA147320F

97%; C₁₂H₁₇N; **FW**: 175.28; **CAS** [6373-50-8]; **Melting Point**: 52° to 56°C;
Boiling Point: 166°C (13mmHg)

(1,2-Cyclohexylenedinitrilo)-tetraacetic Acid Certified ACS

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	02116-100

97.5 to 100.5%; trans-1,2-Diaminocyclohexane-N,N,N',N'-tetraacetic Acid; C₁₄H₂₂N₂O₈·H₂O;
FW: 364.35; **CAS** [125572-95-4]

SOLVENT
ChemAlert®
Storage Code
GRAY

Cyclopentane

HPLC Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA44814K7

Clear Colorless Liquid; C₅H₁₀; **FW**: 70.14; **CAS** [287-92-3];
Melting Point: -95°C (-139°F); **Flash Point**: -37°C (-34.6°F);
Boiling Point: 47° to 49°C; **Density**: 0.748g/cm³ at 20°C; **UN**: 1146;
Colorless; For HPLC Grade and Spectrophotometry

D-Cycloserine

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAA1800006

(R)-(+)-4-Amino-3-isoxazolidinone; C₃H₆N₂O₂; **FW**: 102.09;
CAS [68-41-7]; **Melting Point**: 137°C (dec.)

Cypermethrin

ACROS
ORGANICS

Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC45631-0250

98%; alpha-Cyano-(3-phenoxyphenyl)methyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate; C₂₂H₁₉Cl₂NO₃; **FW**: 416.3;
CAS [52315-07-8]; **Density**: 1.12g/mL

Decamethylcyclopentasiloxane

ACROS
ORGANICS

Quantity	Packaging	Cat. No.
250g	Glass Bottle	AC45458-2500

97%; C₁₀H₂₀O₅Si₆; **FW**: 370.77; **CAS** [541-02-6]; **Flash Point**: 76°C;
Boiling Point: 101.0°C (20.0mmHg); **Density**: 0.9590g/mL

Decane

Certified ACS

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	02128-500

C₁₀H₂₂; CH₃(CH₂)₈CH₃; **FW**: 142.28; **CAS** [124-18-5];
Melting Point: -29.7°C; **Flash Point**: 46°C;
Boiling Point: 173.89°C; **Density**: 4.9;
DOT Class 3: Flammable Liquid; **UN**: 2247

SOLVENT
ChemAlert®
Storage Code
RED

Decane

Pure

ACROS
ORGANICS

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC11187-5000

Clear Colorless Liquid; 99+%; C₁₀H₂₂; CH₃(CH₂)₈CH₃; **FW**: 142.28;
Melting Point: -30.0°C; **Flash Point**: 46°C; **Boiling Point**: 174.0°C;
Density: 0.7350g/mL; **UN**: 2247

n-Decane

Alfa Aesar

Quantity	Packaging	Cat. No.
500mL	----	AAA14732AP
2.5L	----	AAA147320F

Liquid; 99%; CH₃(CH₂)₈CH₃; **FW**: 142.29; **CAS** [124-18-5];
Melting Point: -30°C; **Flash Point**: 46°C; **Boiling Point**: 172° to 174°C;
Density: 0.730g/mL

n-Decane

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA3120936

Liquid; ≥99%; C₁₀H₂₂; CH₃(CH₂)₈CH₃; **FW**: 142.29; **CAS** [124-18-5];
Melting Point: -30°C; **Flash Point**: 46° (115°F);
Boiling Point: 172° to 174°C; **Density**: 0.730g/mL;
Transport Hazard Class: 3; **UN**: 2247

1-Decanesulfonic Acid, Sodium Salt, Anhydrous HPLC Grade

M
INDUSTRY

Quantity	Packaging	Cat. No.
100g	Plastic Bottle	MDX01013

White Crystalline Solid; CH₃(CH₂)₉SO₃Na; **FW**: 244.33;
CAS [13419-61-9]; **Melting Point**: >3°C; For Synthesis

9-Decen-1-ol



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC15264-0250

99%; C₁₀H₂₀O; H₂C=CH(CH₂)₈OH; **FW.** 156.27; CAS [13019-22-2];
Melting Point: -13.0°C; **Flash Point:** 104°C;
Boiling Point: 234.0° to 238.0°C; **Density:** 0.8450g/mL

Dexamethasone



Quantity	Packaging	Cat. No.
5g	----	AAA1759006

98%; C₂₂H₂₈FO₅; **FW.** 392.47; CAS [50-02-2]; **Melting Point:** 262° to 264°C

Dextran Sulfate Sodium Salt



Quantity	Packaging	Cat. No.
100g	----	AAJ6360622

Powder; Dextran Sodium Sulfate, Sodium Dextran Sulfate;
FW. ~40 kd; CAS [9011-18-1]; Off-white to Pale Yellow

Dextrose (D-Glucose), Anhydrous

Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	D16-500
1kg	Poly Bottle	D16-1
3kg	Glass Bottle	D16-3
10kg	Poly Pail	D16-10
50kg	Fiber Drum	D16-50

Granular Powder; D-Glucose, Blood Sugar, Grape Sugar, Corn Sugar; C₆H₁₂O₆; CH₂OH(CHOH)₄CHO; **FW.** 180.16; CAS [50-99-7]



Dextrose, Anhydrous

ACS Grade, USP, NF



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	MDX01451
2.5kg	Plastic Bottle	MDX01453
12kg	Poly Pail	MDX01455

Powder; D-Glucose; CH₂OH(CHOH)₄CHO; **FW.** 180.16; CAS [50-99-7]; White

Dextrose Monohydrate

USP



Quantity	Packaging	Cat. No.
500g	Poly Bottle	D15-500
3kg	Poly Pail	D15-3
12kg	Poly Pail	D15-12

Powder; D-Glucose Monohydrate; C₆H₁₂O₆·H₂O; CH₂OHCHO(CHOH)₄CHO·H₂O; **FW.** 198.17; CAS [77938-63-7]; **Density:** 1.54g/mL



2,6-Diaminopimelic Acid



Quantity	Packaging	Cat. No.
5g	----	AAB2239106

98%; C₇H₁₄N₂O₄; **FW.** 190.2; CAS [583-93-7]; **Melting Point:** >300°C

Dibenzothiophene



Quantity	Packaging	Cat. No.
1kg	Plastic Bottle	AC11254-0010

98%; C₁₂H₈S; **FW.** 184.26; CAS [132-65-0];
Melting Point: 97.0° to 100.0°C; **Flash Point:** 170°C;
Boiling Point: 332.0° to 333.0°C

1,4-Dibromobenzene



Quantity	Packaging	Cat. No.
2500g	----	AAA105170E

98%; p-Dibromobenzene; C₆H₄Br₂; **FW.** 235.91; CAS [106-37-6];
Melting Point: 86° to 90°C; **Flash Point:** >100°C (212°F);
Boiling Point: 219° to 220°C; **Transport Hazard Class:** 9;
UN: 3077

Dibromomethane



Quantity	Packaging	Cat. No.
2500g	----	AAA104560E

99%; Methylene Bromide; CH₂Br₂; **FW.** 173.85; CAS [74-95-3];
Melting Point: -53°C; **Boiling Point:** 96° to 98°C;
Transport Hazard Class: 6.1; **UN:** 2664

4,5-Dibromo-3(2H)-pyridazinone



Quantity	Packaging	Cat. No.
25g	----	AAA1599414

98%; C₆H₂Br₂N₂O; **FW.** 253.89; CAS [5788-58-9];
Melting Point: ≈220°C (dec.)

Dibutylamine

Reagent Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	02199-500
1L	Glass Bottle	02199-1

n-Butyl-1-butanamine; C₈H₁₈N; CAS [CH₃(CH₂)₃NH]; **FW.** 129.25; CAS [111-92-2]; **Melting Point:** -62°C;
Flash Point: 47°C; **Boiling Point:** 159.6 ± 0.1°C;
Density: 0.76g/mL; **DOT Class 8:** Corrosive; **UN:** 2248



o-Dichlorobenzene

Certified ACS



Quantity	Packaging	Cat. No.
1L	Glass Bottle	02231-1

1,2-Dichlorobenzene, ortho-Dichlorobenzene; C₆H₄Cl₂; **FW.** 147; CAS [95-50-1]
Melting Point: -15°C (5°F)
Boiling Point: 179° to 180°C; **Density:** 1.3g/mL;
DOT Class 6.1: Poison; **UN:** 1591



o-Dichlorobenzene

HPLC Grade



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02003564

C₆H₄Cl₂; **FW.** 147; CAS [95-50-1]; **Flash Point:** 66.00°C
 Meets USP Requirements

1,2-Dichlorobenzene Pure

Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC11318-0010
2.5L	Glass Bottle	AC11318-0025

Clear Colorless to Very Slightly Yellow Liquid; 99%; o-Dichlorobenzene; $C_6H_4Cl_2$; F.W. 147.00; CAS [95-50-1]; Melting Point: $-15.0^\circ C$

1,2-Dichlorobenzene HPLC Grade

Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC44564-0010

$\geq 99\%$; o-Dichlorobenzene; $C_6H_4Cl_2$; F.W. 147.00; CAS [95-50-1]; Melting Point: $-15.0^\circ C$; Flash Point: $67^\circ C$; Boiling Point: 179.0° to $180.0^\circ C$; Density: 1.3000g/mL

2,6-Dichloroindophenol Sodium Salt Certified ACS

Quantity	Packaging	Cat. No.
5g	Glass Bottle	S286-5

Sodium Benzenoneindophenol, Sodium 2,6-Dichlorobenzenoneindophenol, Tillman's Reagent, 2,6-Dichlorobenzenone Indophenol Sodium Salt; $C_{12}H_6Cl_2NO_2 \cdot Na \cdot 2H_2O$; $NaOC_6H_4N:C_6H_4Cl_2 \cdot O$; F.W. 290.08; CAS [620-45-1]; For ascorbic acid determination.

5,7-Dichloropyrazolo [1,5-a]pyrimidine

Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC45413-0010

95%; $C_6H_3Cl_2N_3$; F.W. 188.02; CAS [57489-77-7]; Melting Point: 75° to $76.5^\circ C$

Dicobalt Octacarbonyl

Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC29184-1000

95%; $C_8Co_2O_8$; $Co_2(CO)_8$; F.W. 341.95; CAS [10210-68-1]; Melting Point: 51.0° to $52.0^\circ C$; Flash Point: $-13^\circ C$; Density: 1.8100g/mL; UN: 3124

N,N'-Dicyclohexylcarbodiimide

Quantity	Packaging	Cat. No.
25kg	Plastic Drum	AC11390-0250

99%; DCC; $C_{13}H_{22}N_2$; $C_6H_{11}N=C=NC_6H_{11}$; F.W. 206.33; CAS [538-75-0]; Melting Point: 33.0° to $35.0^\circ C$; Flash Point: $>110^\circ C$; Boiling Point: 122.0° to $124.0^\circ C$ (6.0mmHg); UN: 2928

Diethanolamine Laboratory Grade

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	D45-500

2,2'-Iminodiethanol, Diethylolamine, Bis(hydroxyethyl)amine; $C_4H_{11}NO_2$; $(HOCH_2CH_2)_2NH$; F.W. 105.14; CAS [111-42-2, 7732-18-5]; Melting Point: $-6^\circ C$; Flash Point: $137^\circ C$; Boiling Point: $268^\circ C$; Density: 1.09g/mL; DOT Class 8: Corrosive; UN: 3267

Diethyl Ether ACS Reagent

Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC41006-5000

$\geq 99\%$; Ether, Ethyl Ether; $C_4H_{10}O$; $(CH_3CH_2)_2O$; F.W. 74.12; CAS [60-29-7]; Melting Point: $-116.0^\circ C$; Flash Point: $-45^\circ C$; Boiling Point: $34.6^\circ C$; Density: 0.7140g/mL

Diethyl Ether Technical Grade

Quantity	Packaging	Cat. No.
5L	Metal Drum	AC44426-0050

Ether, Ethyl Ether; $C_4H_{10}O$; $(CH_3CH_2)_2O$; F.W. 74.12; CAS [60-29-7]; Melting Point: $-116.0^\circ C$; Flash Point: $-45^\circ C$; Boiling Point: $34.6^\circ C$; Density: 0.7140g/mL

Diethylamine Reagent Grade

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	D46-500
1L	Glass Bottle	D46-1

N-Ethylethanamine; $C_4H_{11}N$; $(C_2H_5)_2NH$; F.W. 73.14; CAS [109-89-7]; Melting Point: $-50^\circ C$; Flash Point: $-23^\circ C$; Boiling Point: 55° to $58^\circ C$ (131° to $136.4^\circ F$); Density: 2.5; DOT Class 3: Flammable Liquid; UN: 1154

Diethylamine Extra Pure

Quantity	Packaging	Cat. No.
10L	Plastic Drum	AC14945-0100

$\geq 99\%$; $C_4H_{11}N$; $(C_2H_5)_2NH$; F.W. 73.13; CAS [109-89-7]; Melting Point: $-50.0^\circ C$; Flash Point: $-23^\circ C$; Boiling Point: $55.0^\circ C$; Density: 0.7100g/mL

Diethylene Glycol Reagent Grade

Quantity	Packaging	Cat. No.
1L	Glass Bottle	D49-1

2,2'-Oxybis[ethanol], 2,2'-Oxydiethanol, β,β' -Dihydroxyethyl Ether, Glycol Ether; $C_4H_{10}O_3$; $(HOCH_2CH_2)_2O$; F.W. 106.12; CAS [111-46-6]; Melting Point: $-10^\circ C$; Boiling Point: $245^\circ C$; Density: 1.11g/mL

Diethylene Glycol Monobutyl Ether Laboratory Grade

Quantity	Packaging	Cat. No.
4L	Glass Bottle	D50-4

2-(2-Butoxyethoxy)ethanol, Butyl Carbitol, Butyl Digol; $C_8H_{18}O_3$; $CH_3(CH_2)_3OCH_2CH_2OCH_2CH_2OH$; F.W. 162.23; CAS [112-34-5]; Melting Point: $-68^\circ C$; Flash Point: $100^\circ C$; Boiling Point: $231^\circ C$; Density: 5.6 (Air=1.0)

Diethylene Glycol Monoethyl Ether Laboratory Grade

Quantity	Packaging	Cat. No.
4L	Glass Bottle	D51-4

Carbitol, 2-(2-Ethoxyethoxy)ethanol, Ethyl Digol; $C_8H_{18}O_3$; $C_2H_5OCH_2CH_2OCH_2CH_2OH$; F.W. 134.18; CAS [111-90-0]; Melting Point: $-80^\circ C$; Boiling Point: $197^\circ C$; Density: 0.99g/mL;

N,N-Diethyl-p-phenylenediamine Oxalate Reagent Grade



Quantity	Packaging	Cat. No.
25g	Glass Bottle	02358-25

>85%; p-Amino-Diethylaniline Oxalate; $C_{22}H_{24}N_4O_4$;
 $[(CH_3CH_2)_2NC_6H_4NH_2]_2(COOH)_2$; F.W. 418.55; CAS [62637-92-7];
Melting Point: 159°C

ChemAlert® Storage Code GRAY

Diethylsilane

Afa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAL1646814

$C_4H_{12}Si$; F.W. 88.23; CAS [542-91-6]; **Melting Point:** -132°C;
Flash Point: -20°C (-4°F); **Boiling Point:** 56°C;
Transport Hazard Class: 3

2,4-Difluoro-3-methoxybenzaldehyde

Afa Aesar

Quantity	Packaging	Cat. No.
10g	----	AAH2659709

97%; $C_8H_6F_2O_2$; F.W. 172.13; CAS [870837-66-4]

2,4-Difluoro-3-nitrobenzonitrile

ACROS ORGANICS

Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC45142-0010

97%; $C_7H_2F_2N_2O_2$; F.W. 184.10; CAS [1186194-75-1]

Diiodomethane

ACROS ORGANICS

Quantity	Packaging	Cat. No.
2.5kg	Glass Bottle	AC16983-0025

>99%; Methylene Iodide; CH_2I_2 ; F.W. 267.83; CAS [75-11-6, 7440-22-4];
Melting Point: 6.0°C; **Flash Point:** >110°C; **Boiling Point:** 181.0°C;
Density: 3.3200g/mL

Diisopropyl Methylphosphonate

ACROS ORGANICS

Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC44938-1000

90%; $C_7H_{17}O_3P$; F.W. 180.18; CAS [1445-75-6];
Boiling Point: 50.0° to 51.0°C (1.0mmHg); **Density:** 0.9850g/mL

Diisopropylamine Certified



Quantity	Packaging	Cat. No.
4L	Glass Bottle	02412-4

N-(1-Methylethyl)-2-propanamine, DIPA, DPA;
 $C_6H_{15}N$; F.W. 101.19; CAS [108-18-9];
Melting Point: -61°C (-78°F); **Flash Point:** -28°C;
Boiling Point: 84°C; **Density:** 0.72g/mL;
DOT Class 3: Flammable Liquid; **UN:** 1158

SOLVENT ChemAlert® Storage Code RED

Diisopropylamine

Afa Aesar

Quantity	Packaging	Cat. No.
2.5L	----	AAA102800F

>99%; $[(CH_3)_2CH]_2NH$; F.W. 101.19; CAS [108-18-9];
Melting Point: -61°C (-78°F); **Flash Point:** -7°C;
Boiling Point: 83° to 84°C; **Density:** 0.718g/mL

Diisopropylamine

ACROS ORGANICS

Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC14946-0010
2.5L	Glass Bottle	AC14946-0025

Clear Colorless Liquid; 99%; (N-(1-Methylethyl)-2)propanamine;
 $C_6H_{15}N$; $[(CH_3)_2CH]_2NH$; F.W. 101.19; CAS [108-18-9];
Melting Point: -61.0°C; **Flash Point:** -17°C; **Boiling Point:** 84.0°C;
Density: 0.7160g/mL; **UN:** 1158

N,N'-Diisopropylcarbodiimide

ACROS ORGANICS

Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC11521-1000

99%; $C_7H_{14}N_2$; $(CH_3)_2CHN=C=NCH(CH_3)_2$; F.W. 126.20; CAS [693-13-0];
Flash Point: 33°C; **Boiling Point:** 145.0° to 148.0°C;
Density: 0.8100g/mL; **UN:** 3384

N,N-Diisopropylethylamine

ACROS ORGANICS

Quantity	Packaging	Cat. No.
100mL	Glass Bottle	AC36784-1000
1L	Glass Bottle	AC36784-0010

>99.5%; N-Ethyl-diisopropylamine; $C_8H_{18}N$; $[(CH_3)_2CH]_2NC_2H_5$;
F.W. 129.24; CAS [7087-68-5]; **Melting Point:** -46.0°C; **Flash Point:** 6°C;
Boiling Point: 127.0°C; **Density:** 0.7560g/mL; **UN:** 2733

1,2-Dimethoxyethane Certified



Quantity	Packaging	Cat. No.
1L	Glass Bottle	02430-1
4L	Glass Bottle	02430-4

Ethylene Glycol Dimethyl Ether, Glyme; $C_4H_{10}O_2$;
 $CH_3OCH_2CH_2OCH_3$; F.W. 90.12; CAS [110-71-4];
Melting Point: -58°C; **Flash Point:** -6°C;
Boiling Point: 82° to 83°C; **Density:** 0.86g/mL;
DOT Class 3: Flammable Liquid; **UN:** 2252

SOLVENT ChemAlert® Storage Code RED

Dimethyl Sulfoxide GC Headspace Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	D139-1

Liquid; 99.9% Minimum; DMSO; C_2H_6OS ; F.W. 78.13;
CAS [67-68-5]; Clear, Colorless

ChemAlert® Storage Code RED

Dimethylacetamide GC Headspace Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	D160-1

Liquid; 99.9% Minimum; N, N-dimethylacetamide; C_4H_9NO ;
F.W. 87.12; CAS [127-19-5]; DMAC; Clear, Colorless

ChemAlert® Storage Code RED

p-Dimethylaminobenzaldehyde Certified ACS



Quantity	Packaging	Cat. No.
25g	Glass Bottle	D71-25
100g	Glass Bottle	D71-100

Crystalline Powder; Ehrlich's Reagent,
4-Dimethylaminobenzene-carbonyl; $C_8H_{11}NO$; $(CH_3)_2NC_6H_4CHO$;
F.W. 149.19; CAS [100-10-7];
Melting Point: 70° to 75°C (158° to 167°F); **Flash Point:** 164°C;
Boiling Point: 176° to 177°C at 17 mmHg; **Density:** 5.15 (Air=1.0)

ChemAlert® Storage Code GRAY

1-(3-Dimethylaminopropyl)-3-ethylcarbodiimide Hydrochloride



Quantity	Packaging	Cat. No.
10g	Glass Bottle	AC17144-0100
50g	Glass Bottle	AC17144-0500
100g	Glass Bottle	AC17144-1000

≥98%; EDAC Hydrochloride, N-Ethyl-N'-(3-dimethylaminopropyl) Carbodiimide Hydrochloride; C₈H₁₇N₃HCl; (CH₃)₂NCH₂CH₂CH₂N=C=NCH₂CH₃; F.W. 191.71; CAS [25952-53-8]; Melting Point: 111.0° to 116.0°C; UN: 2811

1-(3-Dimethylaminopropyl)-3-ethylcarbodiimide Hydrochloride

Afa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAA1080714

≥98%; EDAC, EDCl; C₈H₁₇N₃HCl; CH₃CH₂N=C=N(CH₂)₃N(CH₃)₂HCl; F.W. 191.70; CAS [25952-53-8]; Melting Point: ≈113°C

4-(Dimethylamino)pyridine

Afa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAA1301614

99%; C₇H₁₀N₂; F.W. 122.17; CAS [1122-58-3]; Melting Point: 110° to 113°C; Flash Point: 124°C (255°F); Boiling Point: 162°C (50mmHg); Transport Hazard Class: 6.1; UN: 2928

2,3-Dimethylbutane

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA43142K2

Liquid; ≥98%; Diisopropyl; C₆H₁₄; F.W. 86.18; CAS [79-29-8]; Melting Point: -129°C; Flash Point: -29°C (-20°F); Boiling Point: 57° to 59°C; Density: 0.662g/mL; Transport Hazard Class: 3; UN: 2457; Colorless

2,3-Dimethylbutane



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC11610-0010

≥98%; Diisopropyl; C₆H₁₄; (CH₃)₂CHCH(CH₃)₂; F.W. 86.18; CAS [79-29-8]; Melting Point: -129.0°C; Flash Point: -29°C; Boiling Point: 58.0°C; Density: 0.6620g/mL; UN: 2457

3,3-Dimethyl-2-butanone



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	AC13125-0025

96%; tert-Butyl Methyl Ketone, Pinacolone; C₆H₁₂O; (CH₃)₃CCOCH₃; F.W. 100.16; CAS [75-97-8]; Melting Point: -52.5°C; Flash Point: 17°C; Boiling Point: 106.0°C; Density: 0.8000g/mL; UN: 1993

4,4-Dimethylcyclohexanone



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC44881-0050

97%; C₈H₁₆O; (CH₃)₂C₆H₁₀(=O); F.W. 126.20; CAS [4255-62-3]; Melting Point: 41.0° to 43.0°C; Flash Point: 62°C; Boiling Point: 73.0°C (14.0mmHg)

Dimethylformamide

GC Headspace Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	D133-1

Liquid; 99.9% Minimum; N,N-Dimethylformamide; C₃H₇NO; F.W. 73.09; CAS [68-12-2]; DMF; Clear, Colorless



N,N-Dimethylformamide



Quantity	Packaging	Cat. No.
4L	Glass Bottle	MDX17301

Clear Colorless Liquid; 99.8% min.; Formic Acid Dimethylamide; HCON(CH₃)₂; F.W. 73.09; CAS [68-12-2]

N,N-Dimethylformamide

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA43465K7
4 x 4L	----	AA43465M6

Clear Colorless Liquid; 99.9%; HCON(CH₃)₂; F.W. 73.09; CAS [68-12-2]; Melting Point: -61°C (-78°F); Flash Point: 57°C; Boiling Point: 153°C; Density: 0.944g/cm³ at 20°C; UN: 2265; Colorless; Suitable for nucleic acids, peptide synthesis

N,N-Dimethylformamide di-tert-butyl Acetal Technical Grade

Afa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAL0043114

90%; C₁₁H₂₀NO₂; (CH₃)₂NCH[OC(CH₃)₃]₂; F.W. 203.33; CAS [36805-97-7]; Flash Point: 33°C (91°F); Boiling Point: 75° to 77°C (12mmHg); Transport Hazard Class: 3; UN: 1993

2,5-Dimethylfuran



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC17603-5000

Clear Colorless to Amber Liquid; 99%; C₆H₈O; F.W. 96.13; CAS [625-86-5]; Melting Point: -62.0°C; Flash Point: -1°C; Boiling Point: 92.0° to 94.0°C; Density: 0.9000g/mL; UN: 1992

2,4-Dimethylpyrrole



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC31965-0250

97%; C₆H₉N; F.W. 95.15; CAS [625-82-1]; Flash Point: >109°C; Boiling Point: 165.0° to 167.0°C; Density: 0.9240g/mL

N,N-Dimethyl-p-toluidine

Afa Aesar

Quantity	Packaging	Cat. No.
2500g	----	AAA119880E

99%; N,N-Dimethyl-4-methylaniline, N,N,4-Trimethylaniline; C₉H₁₁N; F.W. 135.21; CAS [99-97-8]; Melting Point: -25°C; Flash Point: 83°C (181°F); Boiling Point: 210° to 211°C; Transport Hazard Class: 6.1; UN: 1708

1,3-Diphenylguanidine

Afa Aesar

Quantity	Packaging	Cat. No.
250g	----	AA3139530

Powder; ≥99%; N,N'-Diphenylguanidine, Melaniline; (C₆H₅NH)₂C=NH; **FW.** 211.27; CAS [102-06-7]; **Melting Point:** 148° to 150°C; **Boiling Point:** 170°C (dec.); **Density:** 1.130g/mL; **Transport Hazard Class:** 9; **UN:** 3077; Pale Cream
Primary material for standardizing acids

2,2-Diphenyl-1-picrylhydrazyl (Free Radical)

Afa Aesar

Quantity	Packaging	Cat. No.
1g	----	AA4415003

Powder; 95%; DPPH; C₁₈H₁₂N₅O₆; **FW.** 394.32; CAS [1898-66-4]

2,2'-Dipyridyl

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC11750-5000

≥99%; α,α'-Dipyridyl, 2,2'-Bipyridine; C₁₀H₈N₂; **FW.** 156.19; CAS [366-18-7]; **Melting Point:** 69.0° to 72.0°C; **Flash Point:** 121°C; **Boiling Point:** 272.0° to 273.0°C; **UN:** 2811

Di-tert-butyl Dicarbonate

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC18977-1000

97%; Di-tert-butyl Pyrocarbonate; C₁₀H₁₈O₅; O[CO₂(CH₃)₃]₂; **FW.** 218.25; CAS [24424-99-5]; **Melting Point:** 22.0° to 24.0°C; **Flash Point:** 37°C; **Boiling Point:** 70.0° to 72.0°C; **Density:** 1.0200g/mL; **UN:** 2930

Di-tert-butyl Dicarbonate

Afa Aesar

Quantity	Packaging	Cat. No.
100g	----	AAA1470822

Boc Anhydride, Di-tert-butyl Pyrocarbonate; C₁₀H₁₈O₅; **FW.** 218.25; CAS [24424-99-5]; **Melting Point:** 21° to 24°C; **Flash Point:** 37°C (99°F); **Boiling Point:** 56° to 57°C (0.5mmHg); **Transport Hazard Class:** 6.1; **UN:** 2930

3,5-Di-tert-butyl-2-hydroxybenzaldehyde

Afa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAB2383414

99%; 3,5-Di-tert-butylsalicylaldehyde; C₁₅H₂₂O₂; **FW.** 234.34; CAS [37942-07-7]; **Melting Point:** 59° to 61°C

2-(Di-tert-butylphosphino)-2',4',6'-triisopropyl-3,6-dimethoxybiphenyl

Afa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAH342206

≥97%; tert-Butyl BrettPhos; C₃₁H₄₈O₂P; **FW.** 484.69; CAS [1160861-53-9]

5,5'-Dithiobis-(2-nitrobenzoic Acid)

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC11754-0050
25g	Glass Bottle	AC11754-0250

99%; 3-Carboxy-4-nitrophenyl Disulfide, DTNB, Ellmann's Reagent; C₁₄H₈N₂O₆S₂; **FW.** 396.34; CAS [69-78-3]; **Melting Point:** 240.0° to 245.0°C

Dithiooxamide

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC11755-0050

98%; Rubenic Acid; C₂H₄N₂S₂; **FW.** 120.19; CAS [79-40-3]; **Melting Point:** 200°C

1,4-Dithiothreitol

Ultrapure Bioreagent

J.T.Baker

Quantity	Packaging	Cat. No.
100g	Poly Bottle	02002015

DTT, Cleland's Reagent; HSCH₂(CHOH)₂CH₂SH; **FW.** 154.25; CAS [3483-12-3]; **Flash Point:** 109.00°C; High purity reagents tested for use in biotechnology applications, such as electrophoresis, and liquid chromatography.

DL-1,4-Dithiothreitol

Molecular Biology Grade

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
10g	Plastic Bottle	AC32719-0100

≥99%; threo-1,4-Dimercapto-2,3-butanediol, DTT, Cleland's Reagent; C₄H₁₀O₂S₂; HSCH₂CH(OH)CH(OH)CH₂SH; **FW.** 154.24; CAS [3483-12-3]; **Melting Point:** 38.0° to 43.0°C; **Flash Point:** >110°C; **Boiling Point:** 125.0° to 130.0°C (2.0mmHg); **UN:** 3335

Docetaxel

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
250mg	Glass Bottle	AC45626-2500

98%; C₂₂H₃₄NO₁₄; **FW.** 807.89; CAS [114977-28-5]; **Melting Point:** 186° to 192°C

Dodecane

Laboratory Grade

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	02666-500

C₁₂H₂₆; CH₃(CH₂)₁₀CH₃; **FW.** 170.34; CAS [112-40-3]; **Melting Point:** -9.6°C; **Flash Point:** 71°C; **Boiling Point:** 215° to 217°C; **Density:** 5.9 (Air = 1.0);

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GRAY

Dodecane

Pure

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC11759-5000

99%; C₁₂H₂₆; CH₃(CH₂)₁₀CH₃; **FW.** 170.34; CAS [112-40-3]; **Melting Point:** -12.0°C; **Flash Point:** 71°C; **Boiling Point:** 215.0° to 217.0°C; **Density:** 0.7530g/mL; **UN:** 2810

n-Dodecane

Afa Aesar

Quantity	Packaging	Cat. No.
500mL	----	AAA14834AP
2.5L	----	AAA148340F

Liquid; 99%; C₁₂H₂₆; CH₃(CH₂)₁₀CH₃; **FW.** 170.34; CAS [112-40-3]; **Melting Point:** -10°C; **Flash Point:** 71° (159°F); **Boiling Point:** 215° to 217°C; **Density:** 0.749g/mL

1-Dodecanol



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC15545-0010

98%; Dodecyl alcohol, Lauryl Alcohol; $C_{12}H_{26}O$; $CH_3(CH_2)_{11}OH$;
FW. 186.34; **CAS** [112-53-8]; **Melting Point:** 22.0° to 27.0°C;
Flash Point: 119°C; **Boiling Point:** 258.0° to 265.0°C;
Density: 0.8350g/mL; **UN:** 3077

Doxycycline Hyclate

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AAJ6057922

Powder; Hydramycin, Doxycycline Hydrochloride Hemihemihydrate; $C_{22}H_{24}N_2O_8 \cdot HCl \cdot 0.5H_2O \cdot 0.5C_2H_6O$; **FW.** 512.94 (503.94 Anhydrous); **CAS** [24390-14-5]; **Recommended Storage:** 2° to 8°C; Pale Yellow

Edetate Disodium

USP



Quantity	Packaging	Cat. No.
500g	POLYSTORMOR	MK1395500

$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$; **FW.** 372.24; **CAS** [6381-92-6]

Elaidic Acid



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC11773-0050

98%; $C_{18}H_{34}O_2$; $CH_3(CH_2)_7CH=CH(CH_2)_7CO_2H$; **FW.** 282.46;
CAS [112-79-8]; **Melting Point:** 43.0° to 45.0°C; **Flash Point:** >110°C;
Boiling Point: 288.0°C (100.0)

Epichlorohydrin



Quantity	Packaging	Cat. No.
10L	Plastic Drum	AC11778-0100

99%; 1-Chloro-2,3-epoxypropane; C_3H_5ClO ; **FW.** 92.52;
CAS [106-89-8]; **Melting Point:** -57.0°C; **Flash Point:** 28°C;
Boiling Point: 115.0° to 117.0°C; **Density:** 1.1800g/mL

Ethanolamine

Laboratory Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	M251-1
4L	Glass Bottle	M251-4

Monoethanolamine, 2-Aminoethanol, 2-Hydroxyethylamine;
 C_2H_7NO ; $HOCH_2CH_2NH_2$; **FW.** 61.08; **CAS** [141-43-5];
Melting Point: 10°C; **Flash Point:** 92°C; **Boiling Point:** 170°C;
Density: 2.1 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 2491

Ethyl Acetoacetate

Alfa Aesar

Quantity	Packaging	Cat. No.
2.5kg	----	AAA125440E

Liquid; ≥99%; $CH_3COCH_2CO_2CH_2CH_3$; **FW.** 130.14; **CAS** [141-97-9];
Melting Point: -43°C; **Flash Point:** 84°C; **Boiling Point:** 180° to 181°C;
Density: 1.025

Ethyl Cinnamate

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AAA1290636

Cinnamic Acid Ethyl Ester; $C_{11}H_{12}O_2$; **FW.** 176.22; **CAS** [103-36-6];
Melting Point: 7°C; **Flash Point:** 135°C (275°F);
Boiling Point: 270° to 272°C

N-Ethyl-diisopropylamine

Alfa Aesar

Quantity	Packaging	Cat. No.
100mL	----	AAA11801AE
500mL	----	AAA11801AP
2500mL	----	AAA118010F

Liquid; 99%; $[(CH_3)_2CH]_2NCH_2CH_3$; **FW.** 129.25; **CAS** [7087-68-5];
Melting Point: > -50°C; **Flash Point:** 8°C; **Boiling Point:** 126° to 127°C;
Density: 0.747g/mL

Edetate Disodium

Laboratory Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	E179-4

2-Butoxyethanol, Butyl Cellosolve™; $C_8H_{18}O_2$;
 $HOCH_2CH_2O(CH_2)_3CH_3$; **FW.** 118.18; **CAS** [111-76-2];
Melting Point: -70°C; **Boiling Point:** 171°C; **Density:** 0.9g/mL;
DOT Class 6.1: Poison; **UN:** 2810

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BLUE

Ethylene Glycol Monomethyl Ether

Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	E182-500
4L	Glass Bottle	E182-4

2-Methoxyethanol, Methyl Cellosolve™; $C_3H_8O_2$;
 $HOCH_2CH_2OCH_3$; **FW.** 76.09; **CAS** [109-86-4];
Melting Point: -85°C (-121°F); **Flash Point:** 40°C;
Boiling Point: 124°C; **Density:** 0.96g/mL;
DOT Class 3: Flammable Liquid; **UN:** 1188
Suitable for use in amino acid analysis.

ChemAlert®
Storage Code
RED

[Ethylenebis-(oxyethylenenitrilo)]-Tetraacetic Acid

Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	O2783-100

>98%; EGTA, Ethyleneglycol Bis(aminoethylether) Tetraacetic Acid; $C_{14}H_{24}N_4O_{10}$; $(HOOCCH_2)_2N(CH_2CH_2O)_2CH_2CH_2N(CH_2COOH)_2$;
FW. 380.35; **CAS** [67-42-5]; **Melting Point:** 240° to 245°C

ChemAlert®
Storage Code
GRAY

Ethylenediamine, Anhydrous

Certified



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	E479-500

98 to 101%; 1,2-Diaminoethane, 1,2-Ethanediamine; $C_2H_8N_2$;
 $NH_2CH_2CH_2NH_2$; **FW.** 60.1; **CAS** [107-15-3];
Melting Point: 8.5°C; **Flash Point:** 35°C; **Boiling Point:** 118°C;
Density: 0.9g/mL; **DOT Class 8:** Corrosive; **UN:** 1604

ChemAlert®
Storage Code
RED

Ethylenediamine Tetraacetic Acid

Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	E478-500
1kg	Glass Bottle	E478-1

99.4 to 100.6%; EDTA, (Ethylenedinitrilo)tetraacetic Acid;
 $C_{10}H_{16}N_2O_8$; $(HOOCCH_2)_2NCH_2CH_2N(CH_2COOH)_2$; **FW.** 292.25;
CAS [60-00-4]; **Melting Point:** 220°C; **Density:** 0.86g/mL

ChemAlert®
Storage Code
GRAY

Ethylenediaminetetraacetic Acid

Afa Aesar

Quantity	Packaging	Cat. No.
500mL	----	AAJ60292AP

Liquid; EDTA; $C_{10}H_{16}N_2O_8$; $(HO_2CCH_2)_2NCH_2CH_2N(CH_2CO_2H)_2$;
F.W. 292.24; CAS [60-00-4]; 0.5M aq. soln.

Ethylenediaminetetraacetic Acid Dipotassium Salt Dihydrate

Afa Aesar

Quantity	Packaging	Cat. No.
500g	----	AAL1184236

99%; EDTA dipotassium salt dihydrate; $C_{10}H_{14}K_2N_2O_8 \cdot 2H_2O$;
F.W. 404.46 (368.43, Anhydrous); CAS [25102-12-9];
Melting Point: ~272°C

Ethylenediamine Tetraacetic Acid Disodium Salt Dihydrate USP/FCC



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S312-500
2.5kg	Poly Bottle	S312-212

White Crystalline Powder; EDTA Disodium Salt, Sodium (Di) Ethylenediamine Tetraacetate Dihydrate; $C_{10}H_{14}N_2Na_2O_{10} \cdot 2H_2O$;
F.W. 372.24; CAS [6381-92-6]; **Melting Point:** 252°C



Ethylenediamine Tetraacetic Acid Disodium Salt Dihydrate Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	S311-100
500g	Poly Bottle	S311-500
3kg	Poly Bottle	S311-3
10kg	Poly Pail	S311-10
50kg	Fiber Drum	S311-50KG

Crystalline; 99.0 to 101.0%; Sodium (Di) Ethylenediamine Tetraacetate Dihydrate, EDTA Disodium Salt, (Ethylenedinitrilo)tetraacetic Acid Disodium Salt Dihydrate; $C_{10}H_{14}N_2Na_2O_{10} \cdot 2H_2O$; $(HO_2CCH_2)_2NCH_2CH_2N(CH_2CO_2Na)_2 \cdot 2H_2O$;
F.W. 372.24; CAS [6381-92-6]; **Melting Point:** 252°C



Ethylenediamine Tetraacetic Acid Disodium Salt Dihydrate Reagent Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	02793-500

Crystalline; ≥95%; EDTA Disodium Salt; $C_{10}H_{14}N_2Na_2O_{10} \cdot 2H_2O$;
 $(HO_2CCH_2)_2NCH_2CH_2N(CH_2CO_2Na)_2 \cdot 2H_2O$; **F.W.** 372.24;
 CAS [6381-92-6]; **Melting Point:** 252°C



EDTA Disodium Salt BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
500g	Poly Bottle	02002786

$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$; **F.W.** 372.24; CAS [6381-92-6];
 Dihydrate; Crystal
 Meets USP Requirements

EDTA Disodium Salt ACS Grade, ISO, EP



Quantity	Packaging	Cat. No.
500g	Poly Bottle	MEX05391
2.5kg	Poly Bottle	MEX05395

Disodium dihydrogen ethylenediaminetetraacetate, Ethylenediaminetetraacetic acid disodium salt; $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$;
 $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$; **F.W.** 372.24; CAS [6381-92-6]

EDTA Tetrasodium Salt BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	02002779

$C_{10}H_{12}N_2Na_4O_8 \cdot 2H_2O$; **F.W.** 416.21; CAS [10378-23-1]; Dihydrate

EDTA Tetrasodium Salt



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	MEX05505

White Crystals or Crystalline Powder; 99.0% min.; Ethylenedinitrilo)tetraacetic Acid, Tetrasodium Salt; $(NaOOCCH_2)_2NCH_2CH_2N(CH_2COONa)_2 \cdot 2H_2O$; **F.W.** 416.23;
 CAS [10378-23-1]

2-Ethylhexylamine



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	AC27166-0025

99%; $C_8H_{18}N$; $CH_3(CH_2)_5CH(CH_2H_5)CH_2NH_2$; **F.W.** 129.25; CAS [104-75-6];
Melting Point: -76.0°C; **Flash Point:** 50°C; **Boiling Point:** 169.0°C;
Density: 0.7800g/mL; **UN:** 2276

Flecainide Acetate

Afa Aesar

Quantity	Packaging	Cat. No.
1g	----	AAJ6352703

Powder; 98%; N-(2-Piperidylmethyl)-2,5-bis-(2,2,2-trifluoroethoxy) Benzamide Acetate Salt; $C_{17}H_{20}F_6N_2O_3 \cdot C_2H_4O_2$; **F.W.** 474.40;
 CAS [54143-56-5]; **Melting Point:** 145° to 147°C;
 Sodium channel blocker.

Fluconazole



Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC45548-0010
5g	Glass Bottle	AC45548-0050

98%; 2-(2,4-Difluorophenyl)-1,3-bis(1H-1,2,4-triazol-1-yl)propan-2-ol;
 $C_{13}H_{12}F_2N_6O$; **F.W.** 306.27; CAS [86386-73-4];
Melting Point: 137° to 141°C

2-Fluoroquinoline-3-boronic Acid

Afa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAL2034106

$C_8H_7BFNO_2$; **F.W.** 190.97; CAS [745784-10-5];
Melting Point: 89° to 94°C

Formaldehyde ACS Reagent



Quantity	Packaging	Cat. No.
3.78L	Plastic Bottle	MFX04101

Liquid; 36.5 to 38%; Formalin; HCHO; **F.W.** 30.03; CAS [50-00-0]

Formamide ACS Grade

Afa Aesar

Quantity	Packaging	Cat. No.
1kg	----	AA14835A1

Liquid; ≥99.5%; CH_3NO ; HCONH₂; **F.W.** 45.04; CAS [75-12-7];
Melting Point: 2°C; **Flash Point:** 154° (310°F); **Boiling Point:** 210°C;
Density: 1.134g/mL

D-Fructose

Certified



Quantity	Packaging	Cat. No.
500g	Poly Bottle	L95-500

Crystalline; Levulose, Fruit Sugar, β -D-Fructose; $C_6H_{12}O_6$; **F.W.** 180.16; **CAS** [57-48-7]; **Melting Point:** 103° to 105°C (dec)

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GRAY

D-Fructose

USP



Quantity	Packaging	Cat. No.
500g	Poly Bottle	L96-500
2.5kg	Poly Bottle	L96-212

Crystalline; Levulose, Fruit Sugar, β -D-Fructose; $C_6H_{12}O_6$; **F.W.** 180.16; **CAS** [57-48-7]; **Melting Point:** 103° to 105°C (dec)

ChemAlert®
Storage Code
GRAY

D(-)-Fructose



Quantity	Packaging	Cat. No.
5kg	Plastic Bottle	AC45196-0050

$C_6H_{12}O_6$; **F.W.** 180.16; **CAS** [57-48-7]; **Melting Point:** 103.0° to 105.0°C

Furfural

Reagent Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	F94-500

Ant Oil, Pyromucic Aldehyde, 2-Furaldehyde, 2-Furancarboxaldehyde, Furolic; $C_5H_4O_2$; **OCH:CHCH:CCHO**; **F.W.** 96.09; **CAS** [98-01-1]; **Melting Point:** -36°C (-33°F); **Flash Point:** 60°C; **Boiling Point:** 162°C; **Density:** 1.16g/mL; **DOT Class 6.1:** Poison; **UN:** 1199

ChemAlert®
Storage Code
RED

Geraniol



Quantity	Packaging	Cat. No.
2.5kg	Glass Bottle	AC41090-0025

99%; (2E)-3,7-Dimethyl-2,6-octadien-1-ol; $C_{10}H_{18}O$; **(CH₃)₂C=CHCH₂CH₂C(CH₃)=CHCH₂OH**; **F.W.** 154.25; **CAS** [106-24-1]; **Melting Point:** -15.0°C; **Flash Point:** 76°C; **Boiling Point:** 229.0° to 230.0°C (757.0mmHg); **Density:** 0.8780g/mL

D(+)-Glucose

ACS Reagent



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC41095-5000
1kg	Plastic Bottle	AC41095-0010

Dextrose; $C_6H_{12}O_6$; **F.W.** 180.16; **CAS** [50-99-7]; **Melting Point:** 146.0°C

D(+)-Glucose Monohydrate

Extra Pure



Quantity	Packaging	Cat. No.
1kg	Plastic Bottle	AC45074-0010

≥99%; $C_6H_{12}O_6 \cdot H_2O$; **F.W.** 198.17; **CAS** [14431-43-7]

L(+)-Glutamic Acid

Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	A125-100

Powder; ≥99%; alpha-Aminoglutaric Acid, Glutaminol, Glutaton; $C_5H_9NO_4$; **HOOCCNH₂CH₂COOH**; **F.W.** 147.13; **CAS** [56-86-0]; **Melting Point:** 205°C; **Density:** 1.54g/mL

ChemAlert®
Storage Code
GRAY

DL-Glyceraldehyde Dimer



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC45071-0050

95%; $C_6H_{12}O_6$; **F.W.** 180.16; **CAS** [51795-26-7]; **Melting Point:** 138°C

Glycerin

Reagent Grade



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC148502

Liquid; Glycerol; **HOCH₂CH(OH)CH₂OH**; **F.W.** 92.09; **CAS** [56-81-5]; **Melting Point:** 20°C; **Flash Point:** 160°C; **Boiling Point:** 182°C; **Density:** 1.2613g/mL

Glycerol

Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	G33-500
1L	Glass Bottle	G33-1
4L	Glass Bottle	G33-4
20L	Poly Pail	G33-20
200L	Poly Drum	G33-200

≥99.5%; Glycerin, 1,2,3-Propanetriol; $C_3H_8O_3$; **HOCH₂CH(OH)CH₂OH**; **F.W.** 92.09; **CAS** [56-81-5]; **Melting Point:** 18°C (64°F); **Flash Point:** 160°C; **Boiling Point:** 290°C (554°F); **Density:** 3.17 (Water = 1.0)

ChemAlert®
Storage Code
GRAY

Glycerol

USP/FCC



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	G31-500
1L	Glass Bottle	G31-1
4L	Glass Bottle	G31-4
20L	Poly Pail	G31-20
200L	Poly Drum	G31-200

Clear, Colorless; Glycerin, 1,2,3-Propanetriol; $C_3H_8O_3$; **HOCH₂CH(OH)CH₂OH**; **F.W.** 92.1; **CAS** [56-81-5]; **Melting Point:** 20°C; **Flash Point:** 160°C; **Boiling Point:** 290°C; **Density:** 3.17 (Water = 1.0)

ChemAlert®
Storage Code
GRAY

Glycerol

USP/FCC/EP/BP



Quantity	Packaging	Cat. No.
4L	Glass Bottle	G30-4
200L	Poly Drum	G30-200

Clear, Colorless; Glycerin, 1,2,3-Propanetriol; $C_3H_8O_3$; **CH₂OHCHOHCH₂OH**; **F.W.** 92.1; **CAS** [56-81-5]; **Melting Point:** 20°C; **Flash Point:** 160°C; **Boiling Point:** 290°C; **Density:** 3.17 (Water = 1.0)

ChemAlert®
Storage Code
GRAY

Glycerol

Spectranalyzed™



Quantity	Packaging	Cat. No.
1L	Glass Bottle	G153-1
4L	Glass Bottle	G153-4

≥99.5 %; Glycerin, 1,2,3-Propanetriol; $C_3H_8O_3$; **HOCH₂CH(OH)CH₂OH**; **F.W.** 92.09; **CAS** [56-81-5]; **Melting Point:** 20°C; **Flash Point:** 160°C; **Boiling Point:** 290°C; **Density:** 3.17 (Water = 1.0)
Also meets ACS specifications

ChemAlert®
Storage Code
GRAY

Glycerol ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	MGX01856
4L	Glass Bottle	MGX01855
20L	Metal Can	MGX01853

Clear Colorless Liquid; 99.5% min.; Glycerin; **Density:** 1.26kg/L; $\text{CH}_2\text{OHCHOHCH}_2\text{OH}$; **FW:** 92.09; **CAS** [56-81-5]; **Melting Point:** 17.8°C (64°F); **Flash Point:** 159.9°C (319.8°F); **Boiling Point:** 290.05 °C (554.1 °F)

Glycerol Spectrophotometric Grade



Quantity	Packaging	Cat. No.
1L	----	AA32450K2
4L	----	AA32450K7

Colorless Viscous Liquid; $\text{HOCH}_2\text{CH}(\text{OH})\text{CH}_2\text{OH}$; **FW:** 92.09; **CAS** [56-81-5]; **Melting Point:** 18°C (64°F); **Flash Point:** 160°C; **Boiling Point:** 182°C (360°F); **Density:** 1.26g/cm³; Colorless

Glycerol



Quantity	Packaging	Cat. No.
500mL	----	AAA16205AP

Glycerin, 1,2,3-Propanetriol; $\text{C}_3\text{H}_8\text{O}_3$; $\text{HOCH}_2\text{CH}(\text{OH})\text{CH}_2\text{OH}$; **FW:** 92.09; **CAS** [56-81-5]; **Melting Point:** 18°C; **Flash Point:** 160°C (320°F); **Boiling Point:** 182°C (20mmHg)

Glycerol Extra Pure



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC15892-0010
2.5L	Glass Bottle	AC15892-0025
25L	Plastic Jerry Can	AC15892-0250

≥99%; Glycerine; $\text{C}_3\text{H}_8\text{O}_3$; $\text{HOCH}_2\text{CH}(\text{OH})\text{CH}_2\text{OH}$; **FW:** 92.09; **CAS** [56-81-5]; **Melting Point:** 18.0°C; **Flash Point:** 160°C; **Boiling Point:** 290.0°C; **Density:** 1.2610g/mL

Glycerol Pure



Quantity	Packaging	Cat. No.
10L	Plastic Drum	AC33203-0100

≥99%; Glycerine; $\text{C}_3\text{H}_8\text{O}_3$; $\text{HOCH}_2\text{CH}(\text{OH})\text{CH}_2\text{OH}$; **FW:** 92.09; **CAS** [56-81-5]; **Melting Point:** 18.0°C; **Flash Point:** 160°C; **Boiling Point:** 290.0°C; **Density:** 1.2610g/mL

Glycerol BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02002935

$\text{HOCH}_2\text{CHOHCH}_2\text{OH}$; **FW:** 92.1; **CAS** [56-81-5]; **Flash Point:** 199.00°C; **Density:** 1.257g/mL at 25°C (typical); Anhydrous
Meets ACS Reagent Chemical Requirements

Glycerol Ultrapure Bioreagent



Quantity	Packaging	Cat. No.
4L	Poly Bottle	02002936

$\text{HOCH}_2\text{CHOHCH}_2\text{OH}$; **FW:** 92.1; **CAS** [56-81-5]; **Flash Point:** 199.00°C; Anhydrous

Glycerol ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Plastic Drum	AC41098-5000

99.6%; Glycerine; $\text{C}_3\text{H}_8\text{O}_3$; $\text{HOCH}_2\text{CH}(\text{OH})\text{CH}_2\text{OH}$; **FW:** 92.09; **CAS** [56-81-5]; **Melting Point:** 18.0°C; **Flash Point:** 160°C; **Boiling Point:** 290.0°C; **Density:** 1.2610g/mL

Guanidine Hydrochloride Reagent Grade



Quantity	Packaging	Cat. No.
500g	Glass Bottle	02983-500

≥98%; $\text{CH}_5\text{N}_3\text{HCl}$; $\text{NH}_2\text{C}(\text{:NH})\text{NH}_2\text{HCl}$; **FW:** 95.53; **CAS** [50-01-1]; **Melting Point:** 179° to 186°C; **Density:** 1.34g/mL



Guanidine Hydrochloride



Quantity	Packaging	Cat. No.
10kg	Poly Pail	MK771687
12kg	Poly Pail	MK771688

$\text{NH}_2\text{C}(\text{:NH})\text{NH}_2\text{HCl}$; **FW:** 95.53; **CAS** [50-01-1]

Guanidine Hydrochloride



Quantity	Packaging	Cat. No.
10kg	Plastic Drum	AC36479-0100

99.5%; $\text{CH}_5\text{N}_3\text{HCl}$; $\text{H}_2\text{NC}(\text{=NH})\text{NH}_2\text{HCl}$; **FW:** 95.53; **CAS** [50-01-1]; **Melting Point:** 178.0° to 188.0°C

Guanidine Hydrochloride



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC12023-0025

98%; $\text{CH}_5\text{N}_3\text{HCl}$; $\text{H}_2\text{NC}(\text{=NH})\text{NH}_2\text{HCl}$; **FW:** 95.53; **CAS** [50-01-1]; **Melting Point:** 179.0° to 186.0°C; **Density:** 1.3400g/mL

Guanidine Hydrochloride



Quantity	Packaging	Cat. No.
1kg	----	AAJ60786A1

Powder; $\text{CH}_5\text{N}_3\text{HCl}$; **FW:** 95.53; **CAS** [50-01-1]; **Melting Point:** 185° to 188°C; **Density:** 1.344g/mL; White

L(+)-Gulonic Acid γ-Lactone



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC25557-1000

≥95%; $\text{C}_8\text{H}_{10}\text{O}_5$; **FW:** 178.14; **CAS** [1128-23-0]; **Melting Point:** 183.0° to 185.0°C

n-Heptadecane



Quantity	Packaging	Cat. No.
500g	----	AA3155136

Low Melting Solid; 99%; $\text{CH}_3(\text{CH}_2)_{15}\text{CH}_3$; **FW:** 240.48; **CAS** [629-78-7]; **Melting Point:** 22°C; **Boiling Point:** 302°C; **Density:** 0.778g/mL

Heptafluorobutyric Acid

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	100mL	Glass Bottle	AC41122-1000
99%; HFBA; C ₄ H ₂ F ₇ O ₂ ; CF ₃ CF ₂ CF ₂ CO ₂ H; FW. 214.04; CAS [375-22-4]; Melting Point: -17.5°C; Boiling Point: 120.0°C (755.0mmHg); Density: 1.6400g/mL; UN: 3265			

2,2,4,4,6,8,8-Heptamethylnonane

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	1L	Glass Bottle	AC15625-0010
98%; HMN; C ₁₆ H ₃₄ ; (CH ₃) ₂ CCH ₂ CH(CH ₃)CH ₂ C(CH ₃) ₂ CH ₂ C(CH ₃) ₂ ; FW. 226.44; CAS [4390-04-9]; Flash Point: 95°C; Boiling Point: 240.0°C; Density: 0.7900g/mL			

1-Heptanesulfonic Acid Sodium Salt

HPLC Grade

F	Quantity	Packaging	Cat. No.
	25g	Glass Bottle	03013-25
White Powder; ≥98%; C ₇ H ₁₅ O ₃ S·Na; CH ₃ (CH ₂) ₆ SO ₃ Na; FW. 202.24; CAS [22767-50-6]; Melting Point: >300°C			

ChemAlert®
Storage Code
GRAY

1-Heptanesulfonic Acid Sodium Salt

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	500g	Glass Bottle	AC20613-5000
98%; C ₇ H ₁₅ NaO ₃ S; CH ₃ (CH ₂) ₆ SO ₃ Na; FW. 202.25; CAS [22767-50-6]; Melting Point: >300.0°C			

1-Heptanesulfonic Acid Sodium Salt

HPLC Grade

J.T.Baker®	Quantity	Packaging	Cat. No.
	25g	Wide Mouth Amber Glass Bottle	02002040
	500g	Wide Mouth Amber Glass Bottle	02002041
CH ₃ (CH ₂) ₆ SO ₃ Na; FW. 202.26; CAS [22767-50-6]			

1-Heptanesulfonic Acid Sodium Salt Monohydrate

M	Quantity	Packaging	Cat. No.
	100g	Plastic Bottle	MHX01013
White Crystalline Solid; 99% min.; C ₇ H ₁₅ NaO ₃ S; FW. 22.24; CAS [22767-50-6]; Melting Point: >3°C; LiChropur™, For Ion Pair Chromatography			

1-Heptanesulfonic Acid Sodium Salt Monohydrate

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	25g	Glass Bottle	AC41127-0250
	100g	Glass Bottle	AC41127-1000
White Powder or Flakes; C ₇ H ₁₅ NaO ₃ S·H ₂ O; CH ₃ (CH ₂) ₆ SO ₃ Na·H ₂ O; FW. 220.27; CAS [207300-90-1]; Melting Point: >300°C			

Hexadecane

Certified ACS

F	Quantity	Packaging	Cat. No.
	500mL	Glass Bottle	03035-500
C ₁₆ H ₃₄ ; CH ₃ (CH ₂) ₁₄ CH ₃ ; FW. 226.45; CAS [544-76-3]; Melting Point: 18°C (64°F); Flash Point: 135°C; Boiling Point: 287°C; Density: 7.8 (Air = 1)			

ChemAlert®
Storage Code
GRAY

n-Hexadecane

Alfa Aesar	Quantity	Packaging	Cat. No.
	500mL	----	AAA10322AP
	2500mL	----	AAA103220F
99%; CH ₃ (CH ₂) ₁₄ CH ₃ ; FW. 226.45; CAS [544-76-3]			

n-Hexadecane

Pure

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	500mL	Glass Bottle	AC12046-5000
	10L	Metal Drum	AC12046-0100
99%; C ₁₆ H ₃₄ ; CH ₃ (CH ₂) ₁₄ CH ₃ ; FW. 226.44; CAS [544-76-3]; Melting Point: 18.0°C; Flash Point: 135°C; Boiling Point: 287.0°C; Density: 0.7730g/mL			

Hexadecyltrimethylammonium Bromide

Technical Grade

F	Quantity	Packaging	Cat. No.
	500g	Poly Bottle	03042-500
White Powder; CETAB, Cetyltrimethylammonium Bromide, Cetrimonium Bromide; C ₁₉ H ₄₂ BrN; CH ₃ (CH ₂) ₁₅ N(CH ₃) ₃ Br; FW. 364.46; CAS [57-09-0]; Melting Point: 250°C; Flash Point: 244°C; DOT Class 8: Corrosive; UN: 3261			

ChemAlert®
Storage Code
BLUE

Hexaethylene Glycol

Alfa Aesar	Quantity	Packaging	Cat. No.
	25g	----	AAL0216114
96%; H(OCH ₂ CH ₂) ₆ OH; FW. 282.33; CAS [2615-15-8]; Melting Point: 5° to 7°C; Flash Point: >110°C (230°F); Boiling Point: 216° to 217°C (4mmHg)			

Hexafluorobenzene

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	500mL	Glass Bottle	AC12054-5000
Clear Colorless to Slightly Yellow Liquid; 99%; Perfluorobenzene; C ₆ F ₆ ; FW. 186.06; CAS [392-56-3]; Melting Point: 3.7° to 4.1°C; Flash Point: 10°C; Boiling Point: 81.0° to 82.0°C (743.0 mmHg); Density: 1.6120g/mL; UN: 1993			

1,1,1,3,3,3-Hexafluoro-2-propanol

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	250mL	Glass Bottle	AC44582-2500
99%; HFIP, 1,1,1,3,3,3-Hexafluoroisopropanol; C ₃ H ₂ F ₆ O; (CF ₃) ₂ CHOH; FW. 168.04; CAS [920-66-1]; Melting Point: -4.0°C; Flash Point: >100°C; Boiling Point: 59.0°C; Density: 1.5960g/mL			

1,1,1,3,3,3-Hexafluoro-2-propanol

Pure

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	25g	Glass Bottle	AC14754-0250
	100g	Glass Bottle	AC14754-1000
≥99.5%; HFIP, 1,1,1,3,3,3-Hexafluoroisopropanol; C ₃ H ₂ F ₆ O; (CF ₃) ₂ CHOH; FW. 168.04; CAS [920-66-1]; Melting Point: -4.0°C; Flash Point: >100°C; Boiling Point: 59.0°C; Density: 1.5960g/mL; UN: 3265			

Hexamethylcyclotrisiloxane



Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC21646-5000

98%; C₆H₁₈O₃Si₃; **FW.** 222.47; **CAS** [541-05-9];
Melting Point: 63.0° to 67.0°C; **Flash Point:** 35°C;
Boiling Point: 134.0°C; **UN:** 1325

1,1,1,3,3,3-Hexamethyldisilazane



Quantity	Packaging	Cat. No.
1L	AcroSeal™ Glass Bottle	AC43085-0010

98%; HMDS; C₆H₁₈NSi₂(CH₃)₅SiNHSi(CH₃)₃; **FW.** 161.40; **CAS** [999-97-3];
Melting Point: -78.0°C; **Flash Point:** 20°C; **Boiling Point:** 125.0°C;
Density: 0.7600g/mL; **UN:** 3286

1,1,1,3,3,3-Hexamethyldisilazane



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	AC12058-0025

98%; HMDS; C₆H₁₈NSi₂(CH₃)₅SiNHSi(CH₃)₃; **FW.** 161.40; **CAS** [999-97-3];
Melting Point: -78.0°C; **Flash Point:** 20°C; **Boiling Point:** 125.0°C;
Density: 0.7600g/mL

Hexamethylenetetramine

Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	H288-500

≥99.0%; Methenamine, Formin, HMT (HMTA), Hexamine, Aminoforn, Hexamethylenamine; C₆H₁₂N₄; **FW.** 140.19;
CAS [100-97-0]; **Melting Point:** 263°C (sublimes);
Density: 1.33g/mL; **DOT Class 4.1:** Flammable Solid; **UN:** 1328



1-Hexanesulfonic Acid Sodium Salt

HPLC Grade



Quantity	Packaging	Cat. No.
25g	Wide Mouth Amber Glass Bottle	02002042
500g	Wide Mouth Amber Glass Bottle	02002043

CH₃(CH₂)₅SO₃Na; **FW.** 188.22; **CAS** [2832-45-3]

Sodium 1-Hexanesulfonate

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAA1327814

99%; 1-Hexanesulfonic Acid Sodium Salt; CH₃(CH₂)₅SO₃Na;
FW. 188.22; **CAS** [2832-45-3]; **Melting Point:** >300°C

1-Hexanesulfonic Acid Sodium Salt

HPLC Grade



Quantity	Packaging	Cat. No.
25g	Glass Bottle	03072-25

≥98%; Sodium Hexanesulfonate; CH₃(CH₂)₅SO₃Na; **FW.** 188.22;
CAS [2832-45-3]; **Melting Point:** >300°C



1-Hexanesulfonic Acid Sodium Salt Monohydrate



Quantity	Packaging	Cat. No.
100g	Plastic Bottle	MHX01023

99% min.; C₆H₁₃NaO₅S; **FW.** 188.22; **CAS** [2832-45-3];
Recommended Storage: Store at +5°C to +30°C; LiChropur™, For Ion Pair Chromatography

n-Hexatriacontane

Alfa Aesar

Quantity	Packaging	Cat. No.
50g	----	AA3164118

Wax; ≥97%; CH₃(CH₂)₃₄CH₃; **FW.** 506.95; **CAS** [630-06-8];
Melting Point: 76.2°C; **Boiling Point:** 497°C; **Density:** 0.779g/mL;
 Off-white

1-Hexene



Quantity	Packaging	Cat. No.
1L	AcroSeal™ Glass Bottle	AC12075-0010

99%; C₆H₁₂; CH₃(CH₂)₃CH=CH₂; **FW.** 84.15; **CAS** [592-41-6];
Melting Point: -140.0°C; **Flash Point:** -26°C;
Boiling Point: 62.0° to 65.0°C; **Density:** 0.6780g/mL; **UN:** 2370

Hydrazine Monohydrate

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA1665122

Liquid; ≥99%; H₂N₂·H₂O; H₂NNH₂·H₂O; **FW.** 50.06 (32.05, Anhydrous);
CAS [7803-57-8]; **Melting Point:** -52°C; **Flash Point:** 75° (167°F);
Boiling Point: 120° to 121°C; **Density:** 1.027g/mL;
Transport Hazard Class: 8; **UN:** 2030

Hydrazine Monohydrate

Alfa Aesar

Quantity	Packaging	Cat. No.
2kg	----	AA16651A3

Liquid; ≥99%; H₂N₂·H₂O; H₂NNH₂·H₂O; **FW.** 50.06 (32.05, Anhydrous);
CAS [7803-57-8]; **Melting Point:** -52°C; **Flash Point:** 75° (167°F);
Boiling Point: 120° to 121°C; **Density:** 1.027g/mL;
Transport Hazard Class: 8; **UN:** 2030; Colorless

Hydrazine Sulfate

Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	H320-500

Powder; ≥99.0%; HH₂N₂·H₂SO₄; NH₂NH₂·H₂SO₄; **FW.** 130.12;
CAS [10034-93-2]; **Melting Point:** 253.9°C; **Density:** 1.4g/mL;
DOT Class 8: Corrosive; **UN:** 3260



Hydrindantin Dihydrate

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AAA1246222

98%; 2,2',3,3',3',3'-Hexahydroxy-2,2'-biindan-1,1'-dione; C₁₈H₁₀O₆·2H₂O;
FW. 358.30 (322.27 Anhydrous); **CAS** [5950-69-6];
Melting Point: ≈250°C (dec.)

Hydrogen Peroxide, 30% w/w

ACS



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	MHX06352
2.5L	Plastic Bottle	MHX06356

29.0-32.0%; H₂O₂ in water; **FW.** 34.02; **CAS** [7722-84-1];
Melting Point: -33°C; **Boiling Point:** 108°C; **Density:** 1.11kg/L
 Clear Colorless Liquid

Hydroquinone Laboratory Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	H329-500

Crystalline; 1,4-Benzenediol, Hydroquinone, p-Dihydroxybenzene; $C_6H_6O_2$; 1,4-HOC₆H₄OH; **F.W.** 110.11; CAS [123-31-9]; **Melting Point:** 170° to 174°C; **Boiling Point:** 285° to 287°C; **Density:** 1.32g/mL; **DOT Class 6.1:** Poison; **UN:** 2662



8-Hydroxyquinoline Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	0261-500

Oxine, Oxyquinoline, 8-Quinololin, Oxichinolin, Hydroxybenzopyridine; C_8H_7NO ; HOC₆H₃N:CH:CH; **F.W.** 145.16; CAS [148-24-3]; **Melting Point:** 72° to 74°C (161.6° to 165.2°F); **Boiling Point:** 267°C at 752 mmHg



Hydroxylamine Hydrochloride ACS Reagent

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA3641636

Solid; >96%; H₂NO-HCl; **F.W.** 69.49; CAS [5470-11-1]; **Melting Point:** 152°C; **Density:** 1.67g/cm³ at 20°C; **UN:** 2923; White; A monoamine oxidase inhibitor; inhibits platelet aggregation

Hydroxylamine Hydrochloride Certified ACS



Quantity	Packaging	Cat. No.
100g	Poly Bottle	H330-100
500g	Poly Bottle	H330-500
1kg	Poly Bottle	H330-1

Crystalline; ≥96%; Oxammonium Hydrochloride; H₃NO-HCl; NH₂OH-HCl; **F.W.** 69.49; CAS [5470-11-1]; **Melting Point:** 155° to 158°C (311° to 316.4°F); **Boiling Point:** 305.6°C; **Density:** 1.67g/mL; **DOT Class 8:** Corrosive; **UN:** 2923; Suitable for Mercury Determination



Hydroxylamine Hydrochloride BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
500g	Poly Bottle	02003092

Crystal; NH₂OH-HCl; **F.W.** 69.49; CAS [5470-11-1]

Hydroxylamine Sulfate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	H331-500

Crystalline; ≥99%; Oxammonium Sulfate; H₃N₂O₆S; (NH₂OH)₂·H₂SO₄; **F.W.** 164.14; CAS [10039-54-0]; **Melting Point:** 170°C; **Density:** 1.7g/mL; **DOT Class 8:** Corrosive; **UN:** 2865



Hydroxypropyl-β-cyclodextrin



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC29756-0250
100g	Glass Bottle	AC29756-1000

97%; CAS [128446-35-5]; **Melting Point:** 278.0°C

2-Hydroxypyridine-N-oxide



Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC24379-5000

97%; 2-Pyridinol 1-oxide; $C_5H_5NO_2$; **F.W.** 111.1; CAS [13161-30-3]; **Melting Point:** 147° to 152°C; **Flash Point:** 100°C

Imidazole Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	03196-500

≥99%; Glyoxaline, 1,3-Diazole; $C_3H_4N_2$; NHCH:NCH:CH; **F.W.** 68.08; CAS [288-32-4]; **Melting Point:** 86° to 90°C (186.8° to 194°F); **Flash Point:** 145°C; **Boiling Point:** 255° to 256°C; **DOT Class 8:** Corrosive; **UN:** 3263



Imidazole

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AAA1022136

99%; Glyoxaline; $C_3H_4N_2$; **F.W.** 68.08; CAS [288-32-4]; **Melting Point:** 88° to 92°C; **Flash Point:** 145°C; **Boiling Point:** 256°C; **Density:** 1.03g/mL

Imidazole



Quantity	Packaging	Cat. No.
100g	Plastic Bottle	AC12202-1000
500g	Plastic Bottle	AC12202-5000
2kg	Plastic Bottle	AC12202-0020
10kg	Plastic Drum	AC12202-0100

99%; $C_3H_4N_2$; **F.W.** 68.08; CAS [288-32-4]; **Melting Point:** 86.0° to 90.0°C; **Flash Point:** 145°C; **Boiling Point:** 255.0° to 256.0°C

Imidazole



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC25009-5000

98%; Dodecyl Iodide; $C_{12}H_{25}I$; CH₃(CH₂)₁₁I; **F.W.** 296.23; CAS [4292-19-7]; **Melting Point:** -3.0°C; **Flash Point:** >110°C; **Boiling Point:** 159.0° to 160.0°C (15.0mmHg); **Density:** 1.2000g/mL

2-Iminothiolane Hydrochloride



Quantity	Packaging	Cat. No.
250mg	Glass Bottle	AC45018-2500

98%; $C_4H_7NS\cdot ClH$; **F.W.** 137.63; CAS [4781-83-3]

Iodoacetic Anhydride



Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC30759-0010

Yellow Crystalline Powder; 97%; $C_4H_4I_2O_3$; (ICH₂CO)₂O; **F.W.** 353.88; **Melting Point:** 43.0°C to 49.0°C; **Flash Point:** >110°C; **UN:** 3261

1-Iododecane



Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC33036-5000

98%; Decyl Iodide; $C_{10}H_{21}I$; $CH_3(CH_2)_9I$; **FW.** 268.17; **CAS** [2050-77-3]; **Flash Point:** 96°C; **Boiling Point:** 124.0°C (11.0mmHg); **Density:** 1.2500g/mL

Iodomethane



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC12237-1000
500g	Glass Bottle	AC12237-5000

99%; Methyl Iodide; CH_3I ; **FW.** 141.94; **CAS** [74-88-4, 7440-50-8]; **Melting Point:** -66.0°C; **Boiling Point:** 42.5°C; **Density:** 2.2800g/mL

4-Iodo-2-pyridone



Quantity	Packaging	Cat. No.
1g	Amber Glass Bottle	M007919DA

97+%; C_5H_4INO ; **FW.** 220.99; **CAS** [858839-90-4]; **Melting Point:** 186.0 to 188.0°C

3-Iodothiophene



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC44338-0050

97%; C_4H_3IS ; **FW.** 210.03; **CAS** [10486-61-0]; **Flash Point:** 72°C; **Boiling Point:** 195.0°C; **Density:** 2.0660g/mL

Iodotrimethylsilane



Quantity	Packaging	Cat. No.
250mL	Glass Bottle	AC18749-2500

Clear Colorless to Reddish Liquid; 95 to 97%; Trimethylsilyl iodide; C_3H_9SiI ; $(CH_3)_3SiI$; **FW.** 200.10; **CAS** [16029-98-4]; **Flash Point:** -31°C; **Boiling Point:** 106.0°C; **Density:** 1.4000g/mL; **UN:** 2924

Isoamyl Alcohol

Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A393-500
4L	Glass Bottle	A393-4

Clear, Colorless; Isopentyl Alcohol, 3-Methyl-1-butanol, Isobutyl Carbinol; $C_5H_{12}O$; $(CH_3)_2CHCH_2CH_2OH$; **FW.** 88.15; **CAS** [123-51-3]; **Melting Point:** -117°C; **Flash Point:** 43°C; **Boiling Point:** 130°C; **Density:** 3.04 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1105



Isobutanol

HPLC Grade



Quantity	Packaging	Cat. No.
1L	----	AA22908K2
4L	----	AA22908K7

Clear Colorless Liquid; >99%; $C_4H_{10}O$; **FW.** 74.12; **CAS** [78-83-1]; **Melting Point:** -108°C (-162°F); **Flash Point:** 28°C; **Boiling Point:** 107° to 108°C (225° to 226°F); **Density:** 0.802g/cm³; **UN:** 1212; Colorless

Isobutyl Alcohol

Certified ACS



Quantity	Packaging	Cat. No.
1L	Glass Bottle	A397-1
4L	Glass Bottle	A397-4

≥99.0%; 2-Methyl-1-Propanol, Isopropylcarbinol, 1-Hydroxymethylpropane; $C_4H_{10}O$; $(CH_3)_2CHCH_2OH$; **FW.** 74.12; **CAS** [78-83-1]; **Melting Point:** -108°C (-162°F); **Flash Point:** 28°C; **Boiling Point:** 107° to 108°C; **Density:** 2.6 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1120



4'-Isobutylacetophenone



Quantity	Packaging	Cat. No.
50g	Glass Bottle	AC44882-0500
250g	Glass Bottle	AC44882-2500

97%; $C_{12}H_{16}O$; $(CH_3)_2CHCH_2C_6H_4COCH_3$; **FW.** 176.26; **CAS** [38861-78-8]; **Flash Point:** 54°C; **Boiling Point:** 107.0°C (2.0mmHg); **Density:** 0.9600g/mL

Isohexane

HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC38381-0010
2.5L	Glass Bottle	AC38381-0025

C_6H_{14} ; $CH_3CH_2CH_2CH(CH_3)_2$; **FW.** 86.18; **CAS** [73513-42-5]; **Melting Point:** -154.0°C; **Flash Point:** -23°C; **Boiling Point:** 60.0°C; **Density:** 0.6600g/mL

Isophorone Diisocyanate



Quantity	Packaging	Cat. No.
500g	----	AAL1375936

98%; 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl Isocyanate; $C_{12}H_{18}N_2O_2$; **FW.** 222.29; **CAS** [4098-71-9]; **Melting Point:** -60°C; **Flash Point:** 163°C (325°F); **Boiling Point:** 153°C (10mmHg); **Transport Hazard Class:** 6.1

Isopropyl Bromoacetate



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC41281-1000

97%; $C_5H_9BrO_2$; $BrCH_2CO_2CH(CH_3)_2$; **FW.** 181.03; **CAS** [29921-57-1]; **Flash Point:** >110°C; **Boiling Point:** 59.0° to 61.0°C (10.0mmHg); **Density:** 1.3990g/mL

Isopropyl Ether

Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	E141-500
4L	Glass Bottle	E141-4

2-Isopropoxypropane, Diisopropyl Ether, DIPE; $C_6H_{14}O$; $[(CH_3)_2CH]_2O$; **FW.** 102.18; **CAS** [108-20-3, 128-37-0]; **Melting Point:** -85°C (-121°F); **Flash Point:** -27°C; **Boiling Point:** 68°C; **Density:** 0.73g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1159; BHT stabilized. Low in alcohol and water.



Isopropyl Methanesulfonate

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	5g	Glass Bottle	AC41284-0050
Clear Colorless Liquid; 99%; C ₄ H ₁₀ O ₃ S; CH ₃ SO ₃ CH(CH ₃) ₂ ; FW : 138.19; CAS [926-06-7]; Flash Point : 104°C; Boiling Point : 82.0°C (6.0 mmHg); Density : 1.1450g/mL; UN : 1760			

Isopropyl Myristate

Afa Aesar	Quantity	Packaging	Cat. No.
	500mL	----	AAA18111AP
	25.L	----	AAA181110F
Liquid; 98%; CH ₃ (CH ₂) ₁₂ CO ₂ CH(CH ₃) ₂ ; FW : 270.46; CAS [110-27-0]; Flash Point : 152°C; Boiling Point : 191 to 194°C (20mmHg); Density : 0.85g/mL			

Isopropyl-β-D-thiogalactopyranoside Molecular Biology Grade

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	25g	Glass Bottle	AC32728-0250
≥99%; IPTG, Isopropyl-β-D-thiogalactoside; C ₈ H ₁₆ O ₅ S; FW : 238.31; CAS [367-93-1]; Melting Point : 105.0°C			

2,3-O-Isopropylidene-D-glyceraldehyde

Afa Aesar	Quantity	Packaging	Cat. No.
	10g	----	AAJ6633709
Liquid; 2,2-(R)-Dimethyl-1,3-dioxolane-4-carboxaldehyde; C ₈ H ₁₀ O ₅ ; FW : 130.14; CAS [15186-48-8]; Flash Point : 62°C (144°F); Transport Hazard Class : 6.1; UN : 1593; Recommended Storage : 2° to 8°C; Colorless to Pale Yellow; 50% w/w in Dichloromethane			

Itraconazole

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	5g	Glass Bottle	AC45287-0050
	25g	Glass Bottle	AC45287-0250
99%; C ₂₈ H ₃₈ Cl ₂ N ₈ O ₄ ; FW : 705.64; CAS [84625-61-6]; Melting Point : 168.0° to 170.0°C			

Kaolin

USP

F	Quantity	Packaging	Cat. No.
	500g	Poly Bottle	K2-500
Acid Washed Powder; Aluminum Silicate (Hydrated), Bolus Alba; H ₂ Al ₂ Si ₂ O ₇ ·H ₂ O; FW : 258.2; CAS [1332-58-7]; Melting Point : 1760°C; Density : 1.8g/mL			

Kerosene

F	Quantity	Packaging	Cat. No.
	4L	Glass Bottle	K10-4
	200L	Steel Drum	K10-200
Liquid; >99%; CAS [64742-47-8]; Melting Point : -17.8°C; Flash Point : 71°C; Boiling Point : 151.1° to 301°C (304° to 574°F); Density : 4.5 (Air = 1.0); DOT Class 3 : Flammable Liquid; UN : 1223; Light yellow			

Kerosene

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	4L	EcoSafPak	AC61103-0040
CAS [8008-20-6]; Flash Point : 71°C; Boiling Point : 151.1° to 301°C (304° to 574°F); Density : 4.5 (Air = 1.0); DOT Class 3 : Flammable Liquid; UN : 1223			

ChemAlert®
Storage Code
RED

α-D-(+)-Lactose Monohydrate

Certified ACS

F	Quantity	Packaging	Cat. No.
	500g	Glass Bottle	L5-500
Powder; Milk Sugar; C ₁₂ H ₂₂ O ₁₁ ·H ₂ O; FW : 360.32; CAS [5989-81-1, 7732-18-5]; Melting Point : 219°C; Density : 1.53g/mL			

ChemAlert®
Storage Code
GRAY

Lawesson's Reagent

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	500g	Glass Bottle	AC21089-5000
99%; 2,4-Bis(4-methoxyphenyl)-1,3-dithia-2,4-diphosphetane-2,4-disulfide; C ₁₄ H ₁₄ O ₂ P ₂ S ₄ ; FW : 404.45; CAS [19172-47-5]; Melting Point : 228.0° to 231.0°C			

Lecithin

Laboratory Grade

F	Quantity	Packaging	Cat. No.
	250g	Poly Bottle	03376-250
Phosphatidylcholine; CAS [8002-43-5]; Melting Point : 236.11°C; Density : 1.03g/mL			

ChemAlert®
Storage Code
GRAY

L-α-Lecithin

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	250g	Plastic Bottle	AC41310-2500
FW : 750.00; CAS [8002-43-5]			

Lecithin

Afa Aesar	Quantity	Packaging	Cat. No.
	250g	----	AA3648630
	1kg	----	AA36486A1
Solid; Phosphatidylcholine; CAS [8002-43-5]			

Leupeptin Hemisulfate

Afa Aesar	Quantity	Packaging	Cat. No.
	100mg	----	AAJ61188MC
Powder; C ₂₀ H ₃₀ N ₆ O ₄ ·0.5H ₂ SO ₄ ; FW : 475.59; CAS [103476-89-7]; Recommended Storage : -30° to -10°C; White to Off-white; Reversible protease inhibitor which inhibits cathepsin B, calpain and trypsin			

(R)-(+)-Limonene

Afa Aesar	Quantity	Packaging	Cat. No.
	500mL	----	AAL04733AP
97%; (R)-(+)-4-Isopropenyl-1-methylcyclohexene, (+)-p-Mentha-1,8-diene; C ₁₀ H ₁₆ ; FW : 136.23; CAS [5989-27-5]; Melting Point : -74°C; Flash Point : 48°C (118°F); Boiling Point : 177° to 178°C; Transport Hazard Class : 3			

(+)-Limonene



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC17939-5000
96%; D-Limonene, (+)-Dipentene; C ₁₀ H ₁₆ ; FW. 136.24; CAS [5989-27-5, 10191-41-0]; Melting Point: -74.0°C; Flash Point: 48°C; Boiling Point: 175.4° to 176.0°C; Density: 0.8405g/mL; UN: 2052		

Lithium Aluminum Di-n-butylamide



Quantity	Packaging	Cat. No.
500mL	----	AAL08269AP
C ₂₂ H ₇₂ AlLiN ₄ ; LiAl [N(CH ₂ CH ₂ CH ₂ CH ₃) ₂] ₄ ; FW. 546.87; CAS [15405-86-4]; Melting Point: -54°C; Transport Hazard Class: 3; UN: 1993; 0.16M soln. in 1,2-dimethoxyethane		

Lutein



Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC45616-0010
90%; Xanthophyll; C ₄₀ H ₅₆ O ₂ ; FW. 568.88; CAS [127-40-2];		

Maleimide



Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC15671-5000
White to Slightly Yellow Fine Crystalline powder; 98%; 2,5-Pyrroledione; C ₄ H ₃ NO ₂ ; FW. 97.07; CAS [541-59-3]; Melting Point: 90.0° to 94.0°C; UN: 2923		

Malonic Acid

Reagent Grade



Quantity	Packaging	Cat. No.
100g	Glass Bottle	A170-100
Crystalline; Methanedicarboxylic Acid, 1,3-Propanedioic Acid; C ₃ H ₄ O ₄ ; HOOCCH ₂ COOH; FW. 104.06; CAS [141-82-2]; Melting Point: 133° to 137°C; Density: 1.63g/mL		



Maltitol



Quantity	Packaging	Cat. No.
1000g	----	AAB241580B
97%; 4-O-alpha-D-Glucopyranosyl-D-glucitol; C ₁₂ H ₂₄ O ₁₁ ; FW. 344.32; CAS [585-88-6]; Melting Point: 149° to 152°C		

DL-Mandelic Acid



Quantity	Packaging	Cat. No.
5kg	Plastic Drum	AC12531-0050
≥99%; α-Hydroxyphenylacetic Acid; C ₈ H ₈ O ₂ ; C ₆ H ₅ CH(OH)CO ₂ H; FW. 152.15; CAS [90-64-2]; Melting Point: 118.0° to 122.0°C		

Mannitol



Quantity	Packaging	Cat. No.
3kg	----	MMX02141
White Powder; C ₆ H ₁₄ O ₆ ; FW. 182.17; CAS [69-65-8]; Melting Point: 164° to 169°C; Boiling Point: 290 to 295°C (4 hPa); Density: 1.49g/cm ³ (20°C); Recommended Storage: Store without restrictions; For The Determination of Boric Acid		

2-Mercaptoethanol

Reagent Grade



Quantity	Packaging	Cat. No.
100mL	Amber Glass Bottle/Poison Pack	034461-100
2-Hydroxyethanethiol, β-Mercaptoethanol, Thioglycol; C ₂ H ₆ OS; HSCH ₂ CH ₂ OH; FW. 78.13; CAS [60-24-2]; DOT Class 6.1: Poison; UN: 2966		



Methanesulfonyl Chloride



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	AC12564-0025
99.5%; Mesyl Chloride, MsCl; CH ₃ ClO ₂ S; CH ₃ SO ₂ Cl; FW. 114.55; CAS [124-63-0]; Melting Point: -33.0°C; Flash Point: 110°C; Boiling Point: 161.0°C; Density: 1.4800g/mL; UN: 3246		

4-Methoxybenzylchloride



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC29417-1000
98%; C ₈ H ₉ ClO; FW. 156.61; CAS [824-94-2, 584-08-7]; Melting Point: -1.0°C; Flash Point: 109°C; Boiling Point: 117.0° to 118.0°C (14.0mmHg); Density: 1.1500g/mL; UN: 3265		

4-(Methoxycarbonylamino)benzeneboronic Acid



Quantity	Packaging	Cat. No.
1g	----	AAH5302703
97%; 4-(Methoxycarbonylamino)phenylboronic Acid; C ₈ H ₁₀ BNO ₄ ; FW. 194.98; CAS [850567-96-3]; Melting Point: 234° to 236°C		

3-(2-Methoxycarbonylethyl)benzeneboronic Acid



Quantity	Packaging	Cat. No.
1g	----	AAH5254203
97%; Methyl 3-(3-boronophenyl)propionate; C ₁₀ H ₁₃ BO ₄ ; FW. 208.02; CAS [833472-82-5]; Melting Point: 96° to 100°C		

2-Methoxyethanol

ACS Reagent



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC44748-0010
2.5L	Glass Bottle	AC44748-0025
Methyl Cellosolve™, Ethylene Glycol Monomethyl ether; C ₃ H ₈ O ₂ ; CH ₃ OCH ₂ CH ₂ OH; FW. 76.09; CAS [109-86-4]; Melting Point: -85.0°C; Flash Point: 38°C; Boiling Point: 124.0°C; Density: 0.9600g/mL		

(Methoxymethyl)triphenylphosphonium Chloride



Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC14601-5000
98%; C ₂₀ H ₂₀ ClOP; CH ₃ OCH ₂ P(C ₆ H ₅) ₃ Cl; FW. 342.79; CAS [4009-98-7]; Melting Point: 195.0° to 197.0°C; Flash Point: >250°C; Boiling Point: 413.0°C; UN: 3077		

4-Methoxyphenol



Quantity	Packaging	Cat. No.
25kg	Plastic Bag in Cardbox	AC12600-0250

99%; Monomethyl Ether Hydroquinone, MEHQ, p-Hydroxyanisole, O-Methylhydroquinone; $C_7H_8O_2$; **FW.** 124.14; CAS [150-76-5, 123-31-9]; **Melting Point:** 56.0° to 57.0°C; **Flash Point:** 133°C; **Boiling Point:** 243.0°C

1-Methoxy-2-propanol

Alfa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA41547K7

Liquid; ≥99%; Propylene Glycol Methyl Ether; $C_4H_{10}O_2$; **FW.** 90.12; CAS [107-98-2]; **Melting Point:** -100°C; **Flash Point:** 35° (95°F); **Boiling Point:** 119° to 120°C; **Density:** 0.926g/mL; **Transport Hazard Class:** 3; **UN:** 3092; Colorless

Methyl Acetate

Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	M203-500
4L	Glass Bottle	M203-4

Acetic Acid Methyl Ester; $C_3H_6O_2$; CH_3COOCH_3 ; **FW.** 74.08; CAS [79-20-9]; **Melting Point:** -98°C (-144.4°F); **Flash Point:** -26°C; **Boiling Point:** 57.4°C; **Density:** 0.93g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1231



Methyl Arachidate



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC45282-0050

99%; $C_{21}H_{42}O_2$; $CH_3(CH_2)_{19}COOCH_3$; **FW.** 326.56; CAS [1120-28-1]; **Melting Point:** 45.0° to 48.0°C; **Flash Point:** >110°C; **Boiling Point:** 215.0° to 216.0°C (10.0mmHg)

N-Methyl-bis(trifluoroacetamide)



Quantity	Packaging	Cat. No.
25mL	Glass Bottle	AC21007-0250

98%; MBTFA; $C_5H_9F_6NO_2$; $(CF_3CO)_2NCH_3$; **FW.** 223.07; CAS [685-27-8]; **Flash Point:** 45°C; **Boiling Point:** 120.0° to 122.0°C; **Density:** 1.5470g/mL

2-Methylbutane

Certified ACS



Quantity	Packaging	Cat. No.
4L	Glass Bottle	03551-4

≥95%; Isopentane, 1,1,2-Trimethylethane, 1-Pentane; C_5H_{12} ; $(CH_3)_2CHCH_2CH_3$; **FW.** 72.15; CAS [78-78-4]; **Melting Point:** -160°C; **Flash Point:** -51°C; **Boiling Point:** 27.8°C; **Density:** 0.62g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1265



2-Methylbutane



Quantity	Packaging	Cat. No.
4L	Metal Can	MMX07601

iso-Pentane, Isopentane; C_5H_{12} ; $(CH_3)_2CHCH_2CH_3$; **FW.** 72.15; CAS [78-78-4]; **Melting Point:** -16°C; **Flash Point:** -57°C; **Boiling Point:** 28°C (1013 hPa); **Density:** 0.62g/cm³ (20°C)

2-Methylbutane

Alfa Aesar

Quantity	Packaging	Cat. No.
500mL	----	AA19387AP

Liquid; 99+%; 1,1,2-Trimethylethane, 1-Pentane, Isopentane; $CH_3CH_2CH(CH_3)_2$; **FW.** 72.14; CAS [78-78-4]; **Flash Point:** 30°C; **Density:** 0.62g/mL

2-Methylbutane

Extra Pure



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC12647-0010

≥99%; Isopentane; C_5H_{12} ; $C_2H_5CH(CH_3)_2$; **FW.** 72.15; CAS [78-78-4]; **Melting Point:** -160.0°C; **Flash Point:** -51°C; **Boiling Point:** 30.0°C; **Density:** 0.6200g/mL; **UN:** 1265

2-Methyl-2-butanol

Alfa Aesar

Quantity	Packaging	Cat. No.
500mL	----	AAA18304AP
2.5L	----	AAA183040F

Liquid; 98%; tert-Amyl Alcohol, Dimethylethylcarbinol; $CH_3CH_2C(CH_3)_2OH$; **FW.** 88.15; CAS [75-85-4]; **Melting Point:** ca -12°C; **Flash Point:** 20°C; **Boiling Point:** 101 to 103°; **Density:** 0.805g/mL

Methyl tert-Butyl Ether

HPLC Grade



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	E127-4

99% min by GC; MTBE, tert-Butyl Methyl Ether; $C_5H_{12}O$; **FW.** 88.14; CAS [1634-04-4]; **Melting Point:** -109°C; **Flash Point:** -28°C; **Boiling Point:** 54° to 56°C (129.2° to 132.8°F); **Density:** 0.2 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 2398; High UV transmittance and low evaporation residue. Filtered through a sub-micron filter to remove particulates. Mobile phase for HPLC Grade applications.



3-Methylenecyclobutanecarbonitrile



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC37601-0250

97%; 3-Methylene-1-cyanocyclobutane; C_4H_5N ; **FW.** 93.13; CAS [15760-35-7]

Methylenediphosphonic Acid



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC21507-0050

98%; $CH_6O_8P_2$; $CH_2[P(O)(OH)_2]_2$; **FW.** 176.00; CAS [1984-15-2]; **Melting Point:** 200.0° to 204.0°C; **Boiling Point:** 82.0°C (6.0mmHg); **UN:** 3261

Methyl 4-hydroxybenzoate



Quantity	Packaging	Cat. No.
10kg	Plastic Drum	AC12696-0100

99%; Methylparaben; $C_8H_8O_3$; $HOC_6H_4CO_2CH_3$; **FW.** 152.15; CAS [99-76-3]; **Melting Point:** 125.0° to 128.0°C; **Boiling Point:** 298.6°C

N-Methylindole-3-boronic Acid Pinacol Ester



Quantity	Packaging	Cat. No.
5g	----	AC44101-0050

White to Pale Brown Low Melting Solid; 97%; $C_{15}H_{20}BNO_2$; F.W. 257.14; CAS [683229-61-0]; **Melting Point:** 106° to 109°C

3-Methylisoxazole-5-carboxylic Acid



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC45266-0050

97%; $C_5H_5NO_3$; F.W. 127.1; CAS [4857-42-5]

Methyl Methacrylate

Certified ACS



Quantity	Packaging	Cat. No.
4L	Glass Bottle	03629-4

>98%; $C_5H_8O_2$; $CH_2=C(CH_3)COOCH_3$; F.W. 100.12; CAS [80-62-6]; **Melting Point:** -48°C; **Flash Point:** 7°C; **Boiling Point:** 100.5°C; **Density:** 0.94g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1247; Stabilized



4-Methylpiperidine



Quantity	Packaging	Cat. No.
2.5kg	Plastic Can	AC12751-0025

99%; 4-Pipecoline; $C_6H_{13}N$; F.W. 99.18; CAS [626-58-4]; **Melting Point:** 4.0° to 5.0°C; **Flash Point:** 13°C; **Boiling Point:** 122.0°C; **Density:** 0.8400g/mL; **UN:** 2733

1-Methyl-2-pyrrolidinone

Laboratory Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	03688-4

1-Methylpyrrolidone, N-Methyl- α -Pyrrolidinone, NMP; C_5H_9NO ; F.W. 99.13; CAS [872-50-4]; **Melting Point:** -24°C; **Flash Point:** 91°C; **Boiling Point:** 202°C; **Density:** 3.4 (Air = 1.0)



1-Methyl-2-pyrrolidinone

Pure



Quantity	Packaging	Cat. No.
25L	Metal Drum	AC44918-0250

98%; NMP, N-Methylpyrrolidone; C_5H_9NO ; F.W. 99.13; CAS [872-50-4]; **Melting Point:** -24.0°C; **Flash Point:** 91°C; **Boiling Point:** 202.0°C; **Density:** 1.0300g/mL

1-Methyl-2-pyrrolidinone

Extra Dry



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC61041-1000

99.5%; NMP, N-Methylpyrrolidone; C_5H_9NO ; F.W. 99.13; CAS [872-50-4]; **Melting Point:** -24.0°C; **Flash Point:** 91°C; **Boiling Point:** 202.0°C; **Density:** 1.0300g/mL

N-Methylpyrrolidone

GC Headspace Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	N140-1

Liquid; 99.9% Minimum; 1-Methyl-2-pyrrolidinone; C_5H_9NO ; F.W. 99.13; CAS [870-50-4]; NMP
Clear, colorless to slight yellow



Methyl Salicylate

Reagent Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	03695-500

>99%; Wintergreen Oil, 2-Hydroxybenzoic Acid Methyl Ester; $C_9H_8O_3$; 2-(CO₂CH₃)C₆H₄OH; F.W. 152.15; CAS [119-36-8]; **Melting Point:** -8.61°C; **Boiling Point:** 223.28°C; **Density:** 1.18g/mL



6-Methylsalicylic Acid



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC453060050

98%; $C_8H_8O_3$; F.W. 152.15; CAS [567-61-3]; **Melting Point:** 170° to 175°C

2-Methyltetrahydrofuran

Extra Dry



Quantity	Packaging	Cat. No.
2.5L	AcroSeal™ Glass Bottle	AC39662-0025

99%; 2-MeTHF, Tetrahydro-2-methylfuran; $C_5H_{10}O$; F.W. 86.13; CAS [96-47-9]; **Melting Point:** -136.0°C; **Flash Point:** -11°C; **Boiling Point:** 78.0° to 80.0°C; **Density:** 0.8600g/mL; **UN:** 2536

2-Methyltetrahydrofuran

Alfa Aesar

Quantity	Packaging	Cat. No.
500mL	----	AAL07356AP

99%; Tetrahydrofuran; $C_5H_{10}O$; F.W. 86.13; CAS [96-47-9]; **Melting Point:** -136°C; **Flash Point:** -11°C (12°F); **Boiling Point:** 80° to 82°C; **Transport Hazard Class:** 3; **UN:** 2536

4-Methyl-3-(trifluoromethyl)benzaldehyde

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAH2676206

97%; $C_9H_7F_3O$; F.W. 188.15; CAS [93249-45-7]

Methyl Trifluoroacetate

Alfa Aesar

Quantity	Packaging	Cat. No.
1000g	----	AAA173380B

Trifluoroacetic Acid Methyl Ester; $CF_3CO_2CH_3$; F.W. 128.05; CAS [431-47-0]; **Melting Point:** -78°C; **Flash Point:** -18°C (-0.4°F); **Boiling Point:** 43° to 44°C; **Transport Hazard Class:** 3; **UN:** 2924

N-Methyl-N-(trimethylsilyl)trifluoroacetamide



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC22158-0250

Clear Colorless to Light Yellow Liquid; 97%; MSTFA; $C_6H_{12}F_3NOSi$; $CF_3CON(CH_3)Si(CH_3)_3$; F.W. 199.25; CAS [24589-78-4]; **Flash Point:** 25°C; **Boiling Point:** 130.0° to 132.0°C; **Density:** 1.0700g/mL; **UN:** 2920

Methyl Vinyl Ketone



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	AC12800-0025

ca. 95%; 3-Buten-2-one, MVK; C_4H_6O ; $H_2C=CHCOCH_3$; F.W. 70.09; CAS [78-94-4, 75-05-8, 64-19-7, 123-31-9, 7732-18-5]; **Flash Point:** -7°C; **Boiling Point:** 80.0°C; **Density:** 0.8640g/mL

(±)-Mevalonolactone**ACRÖS**
ORGANICS

Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC42830-0010
5g	Glass Bottle	AC42830-0050

97%; (±)-β-Hydroxy-β-methyl-δ-valerolactone; C₈H₁₀O₅;
FW. 130.14; **CAS** [674-26-0]; **Melting Point:** 28.0°C;
Flash Point: >110°C; **Boiling Point:** 145.0° to 150.0°C (5.0mmHg)

Mineral Oil

Pure

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	AC41508-0025
10L	Plastic Can	AC41508-0100

Paraffin Oil; **CAS** [8042-47-5]; **Flash Point:** 220°C; **Density:** 0.8770g/mL

Mineral Oil, Heavy

USP/FCC

F

Quantity	Packaging	Cat. No.
1L	Glass Bottle	0122-1
4L	Glass Bottle	0122-4

Paraffin - Liquid, Paraffin Oil, Heavy, Liquid Petrolatum;
CAS [8042-47-5]; **Flash Point:** 160°C;
Boiling Point: 260° to 427°C (500° to 800.1°F);
Density: 0.83g/mL

ChemAlert®
Storage Code
GRAY**Mineral Oil, Light**

NF/FCC

F

Quantity	Packaging	Cat. No.
1L	Glass Bottle	0121-1
4L	Glass Bottle	0121-4
20L	Steel Pail	0121-20

Paraffin - Liquid, Glymol for Babcock Test, Paraffin Oil, Light,
 Light Liquid Petrolatum; **CAS** [8042-47-5]; **Flash Point:** 160°C;
Boiling Point: 260° to 427°C (500° to 800.1°F);
Density: 0.83g/mL

ChemAlert®
Storage Code
GRAY**Mitomycin C****ACRÖS**
ORGANICS

Quantity	Packaging	Cat. No.
2mg	Plastic Container	AC22694-0020

C₁₅H₁₈N₄O₅; **FW.** 334.32; **CAS** [50-07-7, 7647-14-5];
Melting Point: >360.0°C; **UN:** 2811

Molybdic Acid, 85%

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	A173-500

Powder; ≥85.0%; Ammonium Molybdate; (NH₄)₆Mo₇O₂₄·4H₂O;
CAS [12054-85-2]; **Melting Point:** 190°C; **Density:** 2.49g/mL;
 This reagent consists largely of ammonium molybdate.

ChemAlert®
Storage Code
GRAY**Morpholine**

Certified ACS

F

Quantity	Packaging	Cat. No.
1L	Glass Bottle	M263-1

≥99%; Diethylene Oximide; C₄H₉NO;
 NH(CH₂)₂OCH₂CH₂; **FW.** 87.12; **CAS** [110-91-8];
Melting Point: -5.00°C; **Flash Point:** 32°C;
Boiling Point: 127.78°C; **Density:** 3.0 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 2054

SOLVENT

ChemAlert®
Storage Code
RED**Naphthalene-1,3,6-trisulfonic Acid Trisodium Salt Hydrate****Alfa Aesar**

Quantity	Packaging	Cat. No.
500g	----	AA4171536

Powder; C₁₀H₅Na₃O₆S₃·xH₂O; **FW.** 434.31 (Anhydrous);
CAS [123409-01-8]

1-Naphthyl Phosphate Monosodium Salt Monohydrate**Alfa Aesar**

Quantity	Packaging	Cat. No.
100g	----	AAA1825422

Monosodium 1-naphthyl Phosphate Monohydrate; C₁₀H₈NaO₄·P·H₂O;
FW. 264.16 (246.14 Anhydrous); **CAS** [81012-89-7];
Melting Point: 186° to 191°C

3-Nitro-1H-pyrazole**ACRÖS**
ORGANICS

Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC45168-0250

97%; 3-Nitro-1H-Pyrazole; C₄H₄N₂O₂; **FW.** 113.08; **CAS** [26621-44-3];
Melting Point: 173.0° to 175.0°C

4-(4-Nitrobenzyl)pyridine**Alfa Aesar**

Quantity	Packaging	Cat. No.
100g	----	AAA1356422

C₁₂H₁₀N₂O₂; **FW.** 214.22; **CAS** [1083-48-3]; **Melting Point:** 69° to 72°C

Nitromethane**Alfa Aesar**

Quantity	Packaging	Cat. No.
2.5kg	----	AAA118060E

Liquid; ≥98%; CH₃NO₂; **FW.** 61.04; **CAS** [75-52-5]; **Melting Point:** -29°C;
Flash Point: 35°C; **Boiling Point:** 100° to 103°C; **Density:** 1.130g/mL

n-Nonylamine**ACRÖS**
ORGANICS

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC12918-5000

98%; 1-Aminononane; C₉H₂₁N; CH₃(CH₂)₈NH₂; **FW.** 143.27;
CAS [112-20-9]; **Melting Point:** -1.0°C; **Flash Point:** 63°C
Boiling Point: 202.0°C; **Density:** 0.7840g/mL; **UN:** 2922

Novobiocin Sodium Salt**Alfa Aesar**

Quantity	Packaging	Cat. No.
5g	----	AAJ6092806
10g	----	AAJ6092809

Powder; C₃₁H₃₈N₂NaO₁₁; **FW.** 634.61; **CAS** [1476-53-5];
Melting Point: 215°C; **Recommended Storage:** 2° to 8°C
 White to Pale Brown

Octane

Reagent Grade

F

Quantity	Packaging	Cat. No.
1L	Glass Bottle	03980-1

≥95%; C₈H₁₈; CH₃(CH₂)₆CH₃; **FW.** 114.23;
CAS [111-65-9]; **Melting Point:** -58.61°C;
Flash Point: 13°C; **Boiling Point:** 125.56°C;
Density: 0.7g/mL; **DOT Class 3:** Flammable Liquid;
UN: 1262

SOLVENT

ChemAlert®
Storage Code
RED

n-Octane

Afa Aesar

Quantity	Packaging	Cat. No.
2500mL	----	AAA131810F

$\text{CH}_3(\text{CH}_2)_6\text{CH}_3$; **FW.** 114.23; **CAS** [111-65-9]; **Melting Point:** -57°C ;
Flash Point: 15°C (59°F); **Boiling Point:** 125° to 126°C ;
Transport Hazard Class: 3; **UN:** 1262

n-Octane

Afa Aesar

Quantity	Packaging	Cat. No.
500mL	-----	AAA13181AP

Liquid; $\geq 98\%$; $\text{CH}_3(\text{CH}_2)_6\text{CH}_3$; **FW.** 114.23; **CAS** [111-65-9];
Melting Point: -57°C ; **Flash Point:** 15°C ; **Boiling Point:** 125° to 126°C ;
Density: 0.703g/mL

n-Octane

Extra Pure

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC12937-5000

$\geq 99\%$; C_8H_{18} ; $\text{CH}_3(\text{CH}_2)_6\text{CH}_3$; **FW.** 114.23; **CAS** [111-65-9];
Melting Point: -57.0°C ; **Flash Point:** 13°C ;
Boiling Point: 125.0° to 127.0°C ; **Density:** 0.7080g/mL; **UN:** 1262

1-Octanesulfonic Acid Sodium Salt

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC41636-0250
100g	Glass Bottle	AC41636-1000

White Crystalline Solid; $\text{C}_8\text{H}_{17}\text{NaO}_3\text{S}$; $\text{CH}_3(\text{CH}_2)_6\text{SO}_3\text{Na}$;
FW. 216.28; **Melting Point:** $>300^\circ\text{C}$

1-Octanesulfonic Acid Sodium Salt

HPLC Grade



Quantity	Packaging	Cat. No.
25g	Wide Mouth Amber Glass Bottle	02002045
500g	Wide Mouth Amber Glass Bottle	02002046

$\text{CH}_3(\text{CH}_2)_6\text{SO}_3\text{Na}$; **FW.** 216.27; **CAS** [5324-84-5]

1-Octanesulfonic Acid Sodium Salt Monohydrate

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC20614-1000

98%; $\text{C}_8\text{H}_{17}\text{NaO}_3\text{S}\cdot\text{H}_2\text{O}$; $\text{CH}_3(\text{CH}_2)_6\text{SO}_3\text{Na}\cdot\text{H}_2\text{O}$; **FW.** 234.30;
CAS [207596-29-0]; **Melting Point:** $>300.0^\circ\text{C}$

1-Octanesulfonic Acid Sodium Salt Monohydrate

HPLC Grade



Quantity	Packaging	Cat. No.
100g	Plastic Bottle	MOX01013

Salt; 99% min.; $\text{CH}_3(\text{CH}_2)_6\text{SO}_3\text{Na}\cdot\text{H}_2\text{O}$; **FW.** 234.29; **CAS** [207596-29-0]

1-Octanol

Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A402-500
4L	Glass Bottle	A402-4

Octyl Alcohol, Caprylic Alcohol; $\text{C}_8\text{H}_{18}\text{O}$; $\text{CH}_3(\text{CH}_2)_6\text{CH}_2\text{OH}$;
FW. 130.23; **CAS** [111-87-5]; **Melting Point:** -16°C ;
Flash Point: 81°C ; **Boiling Point:** 195°C ; **Density:** 4.5 (Air = 1.0)

ChemAlert® Storage Code GRAY

1-Octanol



Quantity	Packaging	Cat. No.
4L	Glass Bottle	MOX01301

Clear Colorless Liquid; 98% min.; n-Octyl Alcohol; $\text{CH}_3(\text{CH}_2)_6\text{CH}_2\text{OH}$;
FW. 130.23; **CAS** [111-87-5]

2-Octanol

Laboratory Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	0269-500

Secondary Caprylic Alcohol, Methyl Hexyl Carbinol;
 $\text{C}_8\text{H}_{18}\text{O}$; $\text{CH}_3\text{CHOH}(\text{CH}_2)_6\text{CH}_3$; **FW.** 130.23;
CAS [123-96-6, 111-13-7]; **Melting Point:** -38°C ;
Boiling Point: 174° to 181°C ; **Density:** 0.81g/mL

SOLVENT ChemAlert® Storage Code GRAY

Oleic Acid

NF/FCC



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A195-500

cis-9-Octadecenoic Acid; $\text{C}_{18}\text{H}_{34}\text{O}_2$; $\text{CH}_3(\text{CH}_2)_7\text{CH}(\text{CH}_2)_7\text{CO}_2\text{H}$;
FW. 282.46; **CAS** [112-80-1]; **Melting Point:** 13.4°C ;
Boiling Point: 360°C ; **Density:** 0.9g/mL

ChemAlert® Storage Code GRAY

Oleic Acid

Technical Grade

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AAA16663AU

90%; cis-9-Octadecenoic Acid; $\text{C}_{18}\text{H}_{34}\text{O}_2$; **FW.** 282.47; **CAS** [112-80-1];
Melting Point: 13° to 14°C ; **Boiling Point:** 286°C (100mmHg)

Oleylamine

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
100mL	Glass Bottle	AC12954-1000
5L	Plastic Can	AC12954-0051

1-Amino-9-octadecene, cis-9-Octadecenylamine; $\text{C}_{18}\text{H}_{37}\text{N}$;
 $\text{CH}_3(\text{CH}_2)_7\text{CH}=\text{CH}(\text{CH}_2)_7\text{NH}_2$; **FW.** 267.50; **CAS** [112-90-3];
Melting Point: 15.0° to 22.0°C ; **Flash Point:** 154°C ;
Boiling Point: 147.0°C (2.0mmHg); **Density:** 0.8100g/mL; **UN:** 2735

Paraffin



Quantity	Packaging	Cat. No.
500g	Poly Bottle	P31-500

Granular; **CAS** [64742-51-4]; **Melting Point:** 53° to 57°C ;
Boiling Point: 322°C ; **Density:** 0.9g/mL

ChemAlert® Storage Code GRAY

Paraformaldehyde

Extra Pure

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC41678-5000
3kg	Plastic Drum	AC41678-0030

96%; $(\text{CH}_2\text{O})_n$; **CAS** [30525-89-4]; **Melting Point:** 120.0° to 170.0°C ;
Flash Point: 71°C ; **UN:** 2213

2,4-Pentanedione

Afa Aesar

Quantity	Packaging	Cat. No.
500mL	----	AAA14117AP

99%; Acetylacetone, acac; C₅H₈O₂; F.W. 100.12; CAS [123-54-6];
Melting Point: -23°C; **Flash Point:** 34°C (93°F);
Boiling Point: 140° to 141°C; **Transport Hazard Class:** 3;
UN: 2310

1-Pentanesulfonic Acid Sodium Salt

HPLC Grade



Quantity	Packaging	Cat. No.
25g	Wide Mouth Amber Glass Bottle	02002049
100g	Wide Mouth Amber Glass Bottle	02002048

CH₃(CH₂)₄SO₃Na; F.W. 174.21; CAS [22767-49-3]

1-Pentanesulfonic Acid Sodium Salt, Anhydrous

HPLC Grade



Quantity	Packaging	Cat. No.
100g	Glass Bottle	04068-100

C₅H₁₁O₃SNa; CH₃(CH₂)₄SO₃Na; F.W. 174.2; CAS [22767-49-3]



1-Pentanesulfonic Acid Sodium Salt Monohydrate



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC42320-0250
100g	Glass Bottle	AC42320-1000

Clear Liquid; ≥98%; n-Amylsulfonic Acid, Sodium Salt;
 C₅H₁₁NaO₃S·H₂O; CH₃(CH₂)₄SO₃Na·H₂O; F.W. 192.22; CAS [207605-40-1];
Melting Point: >300°C

1-Pentanol

ACS Grade

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA30898K2

Liquid; ≥99%; n-Amyl Alcohol, n-Pentyl Alcohol; C₅H₁₂O; CH₃(CH₂)₄OH;
 F.W. 88.15; CAS [71-41-0]; **Melting Point:** -79°C;
Flash Point: 49° (120°F); **Boiling Point:** 136° to 138°C;
Density: 0.812g/mL; **Transport Hazard Class:** 3; **UN:** 1105

Perfluorodecalin



Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC13004-5000

90%; Octadecafluorodecahydronaphthalene; C₁₀F₁₈; F.W. 462.08;
 CAS [306-94-5]; **Melting Point:** -10.0°C; **Flash Point:** 59°C;
Boiling Point: 142.0°C; **Density:** 1.9000g/mL

1H,1H,2H,2H-Perfluorooctyltriethoxysilane

Afa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAB2462014

97%; Triethoxy-1H,1H,2H,2H-perfluorooctylsilane; C₁₄H₁₉F₁₃O₃Si;
 CF₃(CF₂)₆(CH₂)₂Si(OCH₂CH₃)₃; F.W. 510.37; CAS [51851-37-7];
Melting Point: <-38°C; **Flash Point:** 97°C (206°F); **Boiling Point:** 220°C

Petrolatum

Laboratory Grade



Quantity	Packaging	Cat. No.
1 lb.	Plastic Jar	P66-1LB
7 lb.	Plastic Jar	P66-7LB

White, Paste; Petroleum Jelly; CAS [8009-03-8];
Melting Point: 38° to 45°C; **Density:** 0.84g/mL; White



1,10-Phenanthroline Monohydrate

Certified ACS



Quantity	Packaging	Cat. No.
5g	Glass Bottle	P70-5
10g	Glass Bottle	P70-10

o-Phenanthroline; C₁₂H₈N₂·H₂O; F.W. 198.23; CAS [5144-89-8];
Melting Point: >98°C; **DOT Class 6.1:** Poison; **UN:** 2811



Phenol

Certified ACS



Quantity	Packaging	Cat. No.
100g	Amber Glass Bottle/Poison Pack	A92-100
500g	Amber Glass Bottle/Poison Pack	A92-500
1.5kg	Amber Glass Bottle/Poison Pack	A92-112

Crystalline; ≥99.0%; Carboic Acid, Phenyl Hydroxide,
 Hydroxybenzene; C₆H₅OH; F.W. 94.11; CAS [108-95-2];
Melting Point: 39° to 42°C (102.2° to 107.6°F);
Flash Point: 79°C; **Boiling Point:** 90.2°C at 25mmHg;
Density: 3.2; **DOT Class 6.1:** Poison; **UN:** 1671



Phenol

Laboratory Grade



Quantity	Packaging	Cat. No.
500g	Glass Bottle	A911-500

Fused Crystals; Carboic Acid, Phenyl Hydroxide,
 Hydroxybenzene; C₆H₅O; C₆H₅OH; F.W. 94.11; CAS [108-95-2];
Melting Point: 39° to 42°C (102.2° to 107.6°F);
Flash Point: 79°C; **Density:** 3.2; **DOT Class 6.1:** Poison;
UN: 1671



Phenol

Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A9311-500
1L	Glass Bottle	A9311-1
4L	Glass Bottle	A9311-4
200L	Lined Steel Drum	A9311-200

Liquid; Carboic Acid, Phenyl Hydroxide, Hydroxybenzene;
 CAS [108-95-2]; **Flash Point:** 79.4°C; **Density:** 3.2;
DOT Class 6.1: Poison; **UN:** 2821



Phenol



Quantity	Packaging	Cat. No.
4L	Glass Bottle	MPX05115

Clear Colorless Liquid; 88.0% min.; Hydroxybenzene; C₆H₅OH;
 F.W. 94.11; CAS [108-95-2]

4-Phenyl-1-butyne



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC44977-0050

97%; C₁₀H₁₀; F.W. 130.19; CAS [16520-62-0]; **Flash Point:** 66°C;
Boiling Point: 190.0°C; **Density:** 0.9260g/mL

Phenylmercury Acetate

Alfa Aesar

Quantity	Packaging	Cat. No.
250g	----	AA3712530

Powder; 98%; Acetoxy Phenylmercury, Acetoxy Mercuribenzene;
 $C_8H_8HgO_2$; $C_6H_5HgOCOCH_3$; **FW.** 336.74; **CAS** [62-38-4];
Melting Point: 146° to 153°C; **Density:** 2.4g/mL;
Transport Hazard Class: 6.1; **UN:** 1674; White to yellow

2-Phenylpiperidine

ACROS ORGANICS

Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC45085-0010

97%; $C_{11}H_{15}N$; **FW.** 161.25; **CAS** [3466-80-6]

Phosphoenolpyruvic Acid Monopotassium Salt

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAB2035806

99%; Monopotassium Phosphoenolpyruvate, PEP-K; $C_3H_4KO_6P$;
FW. 206.14; **CAS** [4265-07-0]; **Melting Point:** ~170°C (dec.)

Phthalaldehyde

Certified ACS

F

Quantity	Packaging	Cat. No.
5g	Glass Bottle	04241-5

1,2-Phthalic Dicarboxaldehyde; $C_8H_6(CHO)_2$; $C_6H_4-1,2-(CHO)_2$;
FW. 134.13; **CAS** [643-79-8];
 Suitable for fluorometric determination of proteins and for
 HPLC Grade.

ChemAlert
Storage Code
GRAY

Phthalaldehyde

Alfa Aesar

Quantity	Packaging	Cat. No.
250g	----	AAA1329930

98%; Benzene-1,2-dicarboxaldehyde; Phthalaldehyde; $C_8H_6O_2$;
FW. 134.14; **CAS** [643-79-8]; **Melting Point:** 53° to 57°C;
Flash Point: 132°C (269°F); **Transport Hazard Class:** 8; **UN:** 2923

o-Phthalaldehyde

Alfa Aesar

Quantity	Packaging	Cat. No.
50g	----	AAA1329918

98%; $C_8H_6O_2$; **FW.** 134.14; **CAS** [643-79-8]; **Melting Point:** 55° to 58°C;
Flash Point: 132°C

Pituitary Extract

Alfa Aesar

Quantity	Packaging	Cat. No.
50mg	----	AAJ64417MF

Lyophilized Powder; BPE; Bovine

Poly(Allylamine Hydrochloride)

Alfa Aesar

Quantity	Packaging	Cat. No.
10g	----	AA4309209
50g	----	AA4309218

Powder; $[CH_2CH(CH_2NH_2\cdot HCl)]_n$; **CAS** [71550-12-4]; Yellow

Poly(Vinyl Alcohol)

ACROS ORGANICS

Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC39676-0025

PVA; $[-CH_2CH(OH)-]_n$; **CAS** [9002-89-5];
Melting Point: 160.0° to 240.0°C

Poly(Vinyl Alcohol)

ACROS ORGANICS

Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC18316-0025

PVA; $[-CH_2CH(OH)-]_n$; **FW.** ~146 to 186 kD; **CAS** [9002-89-5];
Melting Point: 230° to 240°C; 92.0 to 94.0% hydrolyzed

Polyvinylsulfuric Acid Potassium Salt

ACROS ORGANICS

Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC41814-1000

Off-white to Beige-Brownish Crystalline Powder;
 Polyvinyl Sulfate Potassium Salt; $(-CH_2CH(OSO_3K)-)_n$;
CAS [26837-42-3]

Potassium tert-Butoxide

Pure

ACROS ORGANICS

Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC16888-0025

≥98%; Potassium tert-Butylate; C_4H_9KO ; $(CH_3)_3COK$; **FW.** 112.21;
CAS [865-47-4]; **Melting Point:** 240.0° to 258.0°C

Potassium Formate

Alfa Aesar

Quantity	Packaging	Cat. No.
1kg	----	AAA145510B

99%; HCO_2K ; **FW.** 84.12; **CAS** [590-29-4]; **Melting Point:** 167°C;
Density: 1.91g/mL

Potassium Hydrogen Phthalate

ACROS ORGANICS

Quantity	Packaging	Cat. No.
100g	Plastic Bottle	AC177121000
500g	Plastic Bottle	AC177125000

99.99%; Potassium Biphthalate, Potassium Acid Phthalate; $C_8H_5KO_4$;
 $2-(HO_2C)C_6H_4CO_2K$; **FW.** 204.22; **CAS** [877-24-7];
Melting Point: 295.0° to 300.0°C

Potassium Oxalate Monohydrate

Certified ACS

F

Quantity	Packaging	Cat. No.
250g	Glass Bottle	P273-250
500g	Glass Bottle	P273-500

Crystalline; 98.5 to 101.0%; Oxalic Acid Potassium Salt;
 $C_2O_4K_2\cdot H_2O$; **FW.** 184.23; **CAS** [6487-48-5]; **Melting Point:**
 356°C; **Density:** 2.13g/mL; **DOT Class 6.1:** Poison; **UN:** 2811

ChemAlert
Storage Code
BLUE

Prednisolone

ACROS ORGANICS

Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC44947-0250

99%; $C_{21}H_{28}O_5$; **FW.** 360.44; **CAS** [50-24-8]; **Melting Point:** 240.0°C

Prednisone



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC44895-0250

98%; C₂₁H₂₈O₅; **F.W.** 358.43; CAS [53-03-2];
Melting Point: 225.0°C to 229.0°C

1,2-Propanediol

ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
55 gal.	----	AA309481Q

Liquid; 99.5%; CH₃CH(OH)CH₂OH; **F.W.** 76.10; CAS [57-55-6];
Melting Point: -60°C (-76°F); **Flash Point:** 107°C;
Boiling Point: 186 to 188°; **Density:** 1.036g/mL;
 As a substitute for ethylene glycol and glycerol.

beta-Propiolactone

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAB2319706

97%; beta-Propionolide, 3-Hydroxypropionic Acid Lactone; C₃H₄O₂;
F.W. 72.06; CAS [57-57-8]; **Melting Point:** -34°C;
Flash Point: 70°C (158°F); **Boiling Point:** 161° to 163°C;
Transport Hazard Class: 6.1; **UN:** 3382

Propionic Acid

Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A258-500

Methyl Acetic Acid, Propanoic Acid, Ethylformic Acid; CH₃CH₂COOH; **F.W.** 74.08; CAS [79-09-4];
Melting Point: -22°C; **Flash Point:** 52°C;
Boiling Point: 141°C; **Density:** 0.99g/mL;
DOT Class 8: Corrosive; **UN:** 1848

ACID



Propylene Glycol



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	16101440

Liquid; 1,2 Propanediol, 1,2-Propylene Glycol, 1,2-Dihydroxypropane;
 C₃H₈O₂; **F.W.** 76.09; CAS [57-55-6]; **Melting Point:** -60°C (-76°F);
Flash Point: 99°C (210°F); **Boiling Point:** 188°C (370°F);
Density: 1.036g/mL at 25°C (77°F); Viscous, colorless;
 General solvent use

Propylene Glycol

USP/FCC



Quantity	Packaging	Cat. No.
1L	Glass Bottle	P355-1
4L	Glass Bottle	P355-4
20L	Lined Steel Drum	P355-20
200L	Steel Drum	P355-200

1,2-Propanediol, 1,2-Dihydroxypropane, Methyl Glycol; C₃H₈O₂;
 CH₃CHOHCH₂OH; **F.W.** 76.1; CAS [57-55-6];
Melting Point: -60°C (-76°F); **Flash Point:** 99°C;
Boiling Point: 187°C; **Density:** 2.62 (Air = 1.0)



Propylene Oxide

Reagent Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	O4332-1

1,2-Epoxypropane, Methyloxirane, Propene Oxide;
 C₃H₆O; CH₃CHCH₂O; **F.W.** 58.08; CAS [75-56-9];
Melting Point: -112°C (-170°F);
Flash Point: -37°C (-34.6°F); **Boiling Point:** 34°C;
Density: 2.0 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1280



(+/-)-Propylene Oxide

Alfa Aesar

Quantity	Packaging	Cat. No.
100mL	----	AA30765AE

Liquid; ≥99%; (+/-)-1,2-Epoxypropane, (+/-)-Methyloxirane; C₃H₆O;
F.W. 58.08; CAS [75-56-9]; **Melting Point:** -112°C;
Flash Point: -37° (-35°F); **Boiling Point:** 34° to 35°C;
Density: 0.83g/mL; **Transport Hazard Class:** 3; **UN:** 1280

Pyrazole-3-carboxaldehyde Dimethyl Acetal

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAH3405706

95%; 3-Dimethoxymethyl-1H-pyrazole; C₆H₁₀N₂O₂; **F.W.** 142.16;
 CAS [111573-59-2]; **Boiling Point:** 92° to 94°C (0.23mmHg)

4-Pyrimidinecarboxaldehyde



Quantity	Packaging	Cat. No.
1g	Platic Bottle	AC45429-0010

95%; C₅H₄N₂O; **F.W.** 108.10; CAS [2435-50-9]

Pyrogallol

Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	A263-100
500g	Poly Bottle	A263-500

Crystalline; 1,2,3-Benzenetriol, 1,2,3-Trihydroxybenzene,
 Pyrogallol Acid; C₆H₃(OH)₃; C₆H₃-1,2,3-(OH)₃; **F.W.** 126.11;
 CAS [87-66-1]; **Melting Point:** 133° to 134°C;
Boiling Point: 309°C; **Density:** 1.45g/mL;
DOT Class 6.1: Poison; **UN:** 2811; **C.I.** 76515



Pyruvic Acid Sodium Salt

Reagent Grade



Quantity	Packaging	Cat. No.
100g	Glass Bottle	O4376-100

≥97%; Sodium Pyruvate; C₃H₃O₃Na; CH₃COCOONa;
F.W. 110.04; CAS [113-24-6]; **Melting Point:** >300°C



Quinine Sulfate Dihydrate



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC41878-0050
25g	Glass Bottle	AC41878-0250

H₂SO₄·2H₂O; **F.W.** 782.96; CAS [6119-70-6]; **Melting Point:** 153.0°C

Quinoline Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	Q35-500

1-Benzazine, Leucoline, Benzo[b]Pyridine; C₉H₇N;
C₈H₆N:CHCH:CH; F.W. 129.16; CAS [91-22-5];
ChemAlert® Storage Code
BLUE
Melting Point: -15°C (5°F); **Boiling Point:** 237°C;
Density: 1.09g/mL; **DOT Class 6.1:** Poison; **UN:** 2656

Quinuclidine

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAH5449806

1-Azabicyclo[2.2.2]octane; C₇H₁₃N; F.W. 111.19; CAS [100-76-5];
Melting Point: 157° to 160°C; **Transport Hazard Class:** 6.1; **UN:** 2811

Rosuvastatin Calcium Salt



Quantity	Packaging	Cat. No.
250mg	Glass Bottle	AC45623-2500
1g	Glass Bottle	AC45623-0010

98%; C₂₂H₂₈FN₃O₆S·0.5Ca; F.W. 501.58; CAS [147098-20-2]

Salicylaldehyde Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A281-500

2-Hydroxybenzaldehyde, Salicylic Aldehyde; C₇H₆O₂;
2-HOC₆H₄CHO; F.W. 122.12; CAS [90-02-8];
ChemAlert® Storage Code
RED
Melting Point: -7.2°C; **Boiling Point:** 196°C; **Density:** 1.17g/mL

Salicylaldehyde Azine

Alfa Aesar

Quantity	Packaging	Cat. No.
10g	----	AAA1052709

97%; 2-Hydroxybenzaldehyde Azine; C₁₄H₁₂N₂O₂; F.W. 240.26;
CAS [959-36-4]; **Melting Point:** 216° to 222°C

Saponin

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AAA1882022

Powder; CAS [8047-15-2]

Serotonin Hydrochloride

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAB2126306

98%; 3-(2-Aminoethyl)-5-hydroxyindole hydrochloride, 5-HT;
C₁₀H₁₂N₂O·HCl; F.W. 212.68; CAS [153-98-0];
Melting Point: 167° to 172°C; **Transport Hazard Class:** 6.1;
UN: 2811

Silicone Oil

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA4589636
2.5kg	----	AA4589644

Liquid; Poly(dimethylsiloxane-co-diphenylsiloxane), Dimethyl Diphenyl Polysiloxane; [Si(CH₃)₂O]_x[Si(C₆H₅)₂O]_y;
CAS [68083-14-7]; **Flash Point:** >300°C (572°F); **Density:** 1.07g/mL;
Colorless
For high temperature open system, closed system, circulating, closed loop, and heat transfer baths.
High temperature fluids for laboratory research apparatus and instruments.

Silicone Oil

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AAA1272836
2.5kg	----	AAA127280E

Flash Point: >270°C (518°F); **Density:** 0.963g/mL; For oil baths

Silicone Oil



Quantity	Packaging	Cat. No.
2.5kg	Glass Bottle	AC17466-0025

Poly(methylphenylsiloxane); CAS [63148-58-3]; **Flash Point:** 316°C;
Density: 1.0500g/mL

Simvastatin



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC45884-0250

98%; C₂₅H₃₈O₅; F.W. 418.57; CAS [79902-63-9];
Melting Point: 127° to 132°C

Sodium Benzoate NF/ FCC



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S224-500

Granular; Benzoic Acid Sodium Salt; C₇H₅O₂Na; C₆H₅CO₂Na;
F.W. 144.11; CAS [532-32-1]; **Melting Point:** >300°C
ChemAlert® Storage Code
GRAY

Sodium Bitartrate Monohydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S245-500

Crystalline; Tartaric Acid Monosodium Salt, Sodium Hydrogen Tartrate; C₄H₅O₆Na·H₂O; NaHC₄H₄O₆·H₂O; F.W. 190.09;
CAS [6131-98-2]
ChemAlert® Storage Code
GRAY

Sodium Citrate ACS Grade, ISO, EP



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	MSX04453

Crystalline; Trisodium Citrate, Sodium Citrate, Dihydrate;
C₆H₅Na₃O₇·2H₂O; Na₃C₆H₅O₇·2H₂O; F.W. 294.1; CAS [6132-04-3];
Melting Point: 15°C (anhydrous substance); **Density:** 1.76g/cm³;
EMSURE™, For Analysis

Sodium Citrate Dihydrate



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S279-500
3kg	Poly Bottle	S279-3
10kg	Poly Pail	S279-10

Granular; Citric Acid Trisodium Salt Dihydrate; $\text{Na}_3\text{C}_6\text{H}_6\text{O}_7 \cdot 2\text{H}_2\text{O}$; F.W. 294.1; CAS [6132-04-3];
Melting Point: 313.9°C; **Density:** 1.67g/mL



Sodium Citrate Dihydrate

USP/FCC



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	S466-3

Granular; Citric Acid Trisodium Salt Dihydrate; $\text{Na}_3\text{C}_6\text{H}_6\text{O}_7 \cdot 2\text{H}_2\text{O}$; $\text{NaO}_2\text{CCH}_2\text{C}(\text{OH})(\text{CO}_2\text{Na})\text{CH}_2\text{CO}_2\text{Na} \cdot 2\text{H}_2\text{O}$;
F.W. 294.1; CAS [6132-04-3]; **Melting Point:** 313.9°C;
Density: 1.67g/mL



Sodium Citrate Dihydrate

USP/FCC/EP/BP/JP



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	S470-212
12kg	Poly Pail	S470-12

Granular; Citric Acid Trisodium Salt Dihydrate; $\text{Na}_3\text{C}_6\text{H}_6\text{O}_7 \cdot 2\text{H}_2\text{O}$; $\text{NaO}_2\text{CCH}_2\text{C}(\text{OH})(\text{CO}_2\text{Na})\text{CH}_2\text{CO}_2\text{Na} \cdot 2\text{H}_2\text{O}$;
F.W. 294.1; CAS [6132-04-3]; **Melting Point:** 313.9°C;
Density: 1.67g/mL



Sodium 1-Decanesulfonate

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AAA1463822

99% (dry wt.), Water <1.5%; 1-Decanesulfonic Acid Sodium Salt;
 $\text{CH}_3(\text{CH}_2)_9\text{SO}_3\text{Na}$; **F.W.** 244.33; CAS [13419-61-9]; **Melting Point:** >300°C

Sodium 1-Decanesulfonate

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAA1463814

99% (dry wt.), Water <1.5%; 1-Decanesulfonic Acid Sodium Salt;
 $\text{CH}_3(\text{CH}_2)_9\text{SO}_3\text{Na}$; **F.W.** 244.33; CAS [13419-61-9]; **Melting Point:** >300°C

Sodium Dehydroacetate

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AAB2106036

97%; 3-Acetyl-4-hydroxy-6-methyl-2-pyrone Sodium Salt,
 Dehydroacetic Acid Sodium Salt; $\text{C}_8\text{H}_7\text{NaO}_4$; **F.W.** 190.13;
 CAS [4418-26-2]; **Melting Point:** ~295°C (dec.)

Sodium Deoxycholate Monohydrate

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAB2075914
100g	----	AAB2075922
500g	----	AAB2075936

Powder; 98%; $\text{C}_{24}\text{H}_{38}\text{NaO}_7 \cdot \text{H}_2\text{O}$; **F.W.** 432.58 (414.58, Anhy);
 CAS [145224-92-6]; **Melting Point:** >300°C

Sodium Diethyldithiocarbamate Trihydrate

Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	S287-100

Crystalline; Diethyldithiocarbamic Acid Sodium Salt;
 $\text{C}_8\text{H}_{16}\text{NNaS}_2 \cdot 3\text{H}_2\text{O}$; $(\text{CH}_3\text{CH}_2)_2\text{NCSSNa} \cdot 3\text{H}_2\text{O}$; **F.W.** 225.31;
 CAS [20624-25-3]; **Melting Point:** 95° to 98.5°C
 (203° to 209.3°F)



Sodium Formate

Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S648-500

Crystalline; ≥99%; CHO_2Na ; HCOONa ; **F.W.** 68.01;
 CAS [141-53-7]; **Melting Point:** 253° to 261°C;
Density: 1.92g/mL



Sodium D-gluconate

Alfa Aesar

Quantity	Packaging	Cat. No.
10kg	----	AAA104640C

$\text{C}_6\text{H}_{11}\text{NaO}_7$; **F.W.** 218.14; CAS [527-07-1]; Sodium D-gluconate; 97%

Sodium 1-Hexanesulfonate Monohydrate

Alfa Aesar

Quantity	Packaging	Cat. No.
50g	----	AA3219018

Crystalline; 99%; 1-Hexanesulfonic Acid Sodium Salt Monohydrate;
 $\text{C}_6\text{H}_{13}\text{NaO}_3\text{S} \cdot \text{H}_2\text{O}$; $\text{CH}_3(\text{CH}_2)_5\text{SO}_3\text{Na} \cdot \text{H}_2\text{O}$;
F.W. 206.24 (188.22 Anhydrous); CAS [207300-91-2]; White

Sodium 1-Octanesulfonate

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAA1429214
100g	----	AAA1429222

99%; $\text{CH}_3(\text{CH}_2)_7\text{SO}_3\text{Na}$; **F.W.** 216.28; CAS [5324-84-5];
Melting Point: >300°C

Sodium 1-Octanesulfonate Monohydrate

Alfa Aesar

Quantity	Packaging	Cat. No.
50g	----	AA1576418

Crystalline; ≥99%; 1-Octanesulfonic Acid Sodium Salt Monohydrate;
 $\text{CH}_3(\text{CH}_2)_7\text{SO}_3\text{Na} \cdot \text{H}_2\text{O}$; **F.W.** 234.29 (216.28 Anhydrous);
 CAS [207596-29-0]; **Melting Point:** >300°C

Sodium Oxalate

Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S487-500

≥99.5%; Ethanedioic Acid Disodium Salt; $\text{C}_2\text{O}_4\text{Na}_2$;
 $\text{NaO}_2\text{CCO}_2\text{Na}$; **F.W.** 134; CAS [62-76-0];
Melting Point: 250° to 270°C; **Density:** 2.34g/mL;
DOT Class 6.1: Poison; **UN:** 2811



Sodium Potassium Tartrate Tetrahydrate Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	S387-500
3kg	Poly Bottle	S387-3
10kg	Poly Pail	S387-10

Crystalline; 99 to 102%; Seignette Salt, Tartaric Acid Sodium Potassium Salt, Rochelle Salt; $\text{NaKC}_4\text{H}_4\text{O}_6 \cdot 4\text{H}_2\text{O}$; F.W. 282.22; CAS [6381-59-5]; **Melting Point:** 70° to 80°C (158° to 176°F); **Boiling Point:** 437.22°C

ChemAlert®
Storage Code
GRAY

Sodium Salicylate

Afa Aesar

Quantity	Packaging	Cat. No.
1000g	----	AAA170560B

99%; Salicylic Acid Sodium Salt, Sodium 2-Hydroxybenzoate; $\text{C}_7\text{H}_5\text{NaO}_3$; F.W. 160.11; CAS [54-21-7]; **Melting Point:** >300°C

Sodium L-(+)-Tartrate Dihydrate Certified ACS

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	S433-100
500g	Poly Bottle	S433-500

Crystalline; ≥99.0%; Tartaric Acid Disodium Salt; $\text{C}_4\text{H}_4\text{O}_6\text{Na}_2 \cdot 2\text{H}_2\text{O}$; F.W. 230.08; CAS [6106-24-7]; **Melting Point:** 150°C; **Density:** 1.8g/mL

ChemAlert®
Storage Code
GRAY

Sodium Taurocholate Hydrate

Afa Aesar

Quantity	Packaging	Cat. No.
5g	----	AAA1834606
25g	----	AAA1834614

97%; $\text{C}_{26}\text{H}_{44}\text{NNaO}_5 \cdot \text{S} \cdot \text{XH}_2\text{O}$; F.W. 537.73 (anhy); CAS [145-42-6]

Sodium Triacetoxymethylborohydride

ACROS ORGANICS

Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC29182-1000

97%; $\text{C}_6\text{H}_{10}\text{BNaO}_6$; $\text{NaB}(\text{O}_2\text{CCH}_3)_3\text{H}$; F.W. 211.94; CAS [56553-60-7]; **Melting Point:** 114.0° to 118.0°C; **UN:** 3396

D-Sorbitol Laboratory Grade

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	S459-500

Powder; D-Glucitol; $\text{C}_6\text{H}_{14}\text{O}_6$; $\text{CH}_2\text{OH}(\text{CHOH})_4\text{CH}_2\text{OH}$; F.W. 182.17; CAS [50-70-4]; **Melting Point:** 75°C; **Boiling Point:** 295°C; **Density:** 1.49g/mL

ChemAlert®
Storage Code
GRAY

Stearic Acid Laboratory Grade

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	A292-500

Octadecanoic Acid; $\text{C}_{18}\text{H}_{36}\text{O}_2$; $\text{CH}_3(\text{CH}_2)_{16}\text{COOH}$; F.W. 284.49; CAS [57-11-4]; **Melting Point:** 67° to 69°C (152.6° to 156.2°F); **Flash Point:** 196°C; **Boiling Point:** 361°C; **Density:** 0.84g/mL; Prill

ChemAlert®
Storage Code
GRAY

Stearic Acid

Afa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAA1224414
100g	----	AAA1224422

98%; $\text{CH}_3(\text{CH}_2)_{16}\text{CO}_2\text{H}$; F.W. 284.48; CAS [57-11-4]; **Melting Point:** 69° to 71°C; **Flash Point:** 196°C; **Boiling Point:** 232°C/15mmHg

trans-Stilbene

ACROS ORGANICS

Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC16104-0025

White to Slightly Beige Crystals or Crystalline Powder; 96%; trans-1,1'-(1,2-Ethenediyl)bis(benzene); $\text{C}_{14}\text{H}_{12}$; $\text{C}_6\text{H}_5\text{CH}=\text{CHC}_6\text{H}_5$; F.W. 180.25; CAS [103-30-0]; **Melting Point:** 122.0°C to 126.0°C; **Boiling Point:** 305.0°C to 307.0°C (744.0 mmHg); **UN:** 3077

2-Succinimido-1,1,3,3-tetramethyluronium Tetrafluoroborate

Afa Aesar

Quantity	Packaging	Cat. No.
25g	----	AAL1353814

98%; TSTU; $\text{C}_8\text{H}_{16}\text{BF}_4\text{N}_2\text{O}_5$; F.W. 301.05; CAS [105832-38-0]; **Melting Point:** 195° to 200°C

Sucrose

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	S5-500
3kg	Poly Bottle	S5-3
12kg	Poly Pail	S5-12

Crystalline; Cane Sugar, Saccharose, Sugar; $\text{C}_{12}\text{H}_{22}\text{O}_{11}$; F.W. 342.3; CAS [57-50-1]; **Melting Point:** 190° to 192°C (374° to 377.6°F)

ChemAlert®
Storage Code
GRAY

Sucrose

NF

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	S3-500
2.5kg	Poly Bottle	S3-212

Crystalline; Cane Sugar, Saccharose, Sugar; $\text{C}_{12}\text{H}_{22}\text{O}_{11}$; F.W. 342.3; CAS [57-50-1]; **Melting Point:** 190° to 192°C (374° to 377.6°F)

ChemAlert®
Storage Code
GRAY

Sucrose

NF/EP/BP/JP

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	S6-500
2.5kg	Poly Bottle	S6-212
12kg	Poly Pail	S6-12

Crystalline; Cane Sugar, Saccharose, Sugar; $\text{C}_{12}\text{H}_{22}\text{O}_{11}$; F.W. 342.3; CAS [57-50-1]; **Melting Point:** 190° to 192°C (374° to 377.6°F)

ChemAlert®
Storage Code
GRAY

Sucrose

EP/BP/NF

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	S2-500GM
2.5kg	Poly Bottle	S2-212
12kg	Poly Pail	S2-12

Crystalline; Cane Sugar, Saccharose, Sugar; $\text{C}_{12}\text{H}_{22}\text{O}_{11}$; F.W. 342.3; CAS [57-50-1]; **Melting Point:** 190° to 192°C (374° to 377.6°F)

ChemAlert®
Storage Code
GRAY

Sucrose ACS Reagent



Quantity	Packaging	Cat. No.
2.5kg	----	MSX10753

Crystalline; Saccharose; C₁₂H₂₂O₁₁; **FW.** 342.3; CAS [57-50-1]; White

D(+)-Sucrose Biochemical Grade



Quantity	Packaging	Cat. No.
25kg	Plastic Bag in Cardbox	AC41976-0250

≥99%; Saccharose; C₁₂H₂₂O₁₁; **FW.** 342.29; CAS [57-50-1];
Melting Point: 190.0° to 192.0°C

Sulfanilic Acid, Anhydrous Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A296-500

Crystalline; 98.0 to 102.0%; Aniline p-Sulfonic Acid, 4-Aminobenzenesulfonic Acid; C₆H₇NO₃S; 4-NH₂C₆H₄SO₃H;
FW. 173.19; CAS [121-57-3]; **Melting Point:** 287.78°C;
Density: 1.49g/mL



Sulfolane

Alfa Aesar

Quantity	Packaging	Cat. No.
5000g	----	AAA1346601

99%; Tetramethylene Sulfone; Tetrahydrothiophene 1,1-dioxide;
C₄H₈O₂S; **FW.** 120.17; CAS [126-33-0]; **Melting Point:** 25° to 28°C;
Flash Point: 166°C (330°F); **Boiling Point:** 285°C

5-Sulfosalicylic Acid Dihydrate Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	A297-100
500g	Glass Bottle	A297-500
3kg	Poly Bottle	A297-3

Crystalline; 99.0 to 101.0%; 2-Hydroxy-5-sulfobenzoic Acid;
C₇H₆O₆S·2H₂O; 1-(OH)-2-(COOH)-4-SO₃H-C₆H₃·2H₂O;
FW. 254.22; CAS [5965-83-3]; **Melting Point:** 106° to 110°C;
DOT Class 8: Corrosive; **UN:** 2585



L(-)-Tartaric Acid Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A314-500

Granular; ≥99.0%; 2,3-Dihydroxybutanedioic Acid,
Dioxysuccinic Acid, Dextrorotartaric Acid; C₄H₆O₆;
HOOC(CHOH)₂COOH; **FW.** 150.09; CAS [87-69-4];
Melting Point: 168° to 170°C; **Density:** 1.76g/mL



α-Terpineol Laboratory Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	T31-1

p-Menth-1-en-8-ol; C₁₀H₁₈O; CH₃C:CHCH₂CH[C(CH₃)₂OH]CH₂CH₂;
FW. 154.25; CAS [98-55-5];
Melting Point: 31° to 34°C (87.8° to 93.2°F); **Flash Point:** 90°C;
Boiling Point: 214° to 224°C; **Density:** >1.0g/mL



α-Terpineol



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC30161-0025

≥97%; p-Menth-1-en-8-ol; C₁₀H₁₈O; **FW.** 154.25; CAS [98-55-5];
Melting Point: 31.0° to 34.0°C; **Flash Point:** 90°C;
Boiling Point: 214.0° to 224.0°C; **Density:** 0.9370g/mL

Tetrafluoroboric Acid

Alfa Aesar

Quantity	Packaging	Cat. No.
4 x 500g	----	AA1148457

Liquid; 48% min.; HBF₄; **FW.** 87.81; CAS [16872-11-0];
Density: 1.44g/cm³; **UN:** 1775

1,4,8,11-Tetraazacyclotetradecane



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC26933-0250

98%; Cyclam; C₁₀H₂₄N₄; **FW.** 200.33; CAS [295-37-4];
Melting Point: 185.0° to 188.0°C

1,1,2-Tetrabromoethane Laboratory Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A33-500

Acetylene Tetrabromide, Muthmann Liquid,
sym-Tetrabromoethane; C₂H₂Br₄; CHBr₂CHBr₂; **FW.** 345.67;
CAS [79-27-6]; **Melting Point:** 0°C (32°F);
Boiling Point: 243.89°C; **Density:** 2.96g/mL;
DOT Class 6.1: Poison; **UN:** 2504



Tetrabutylammonium Chloride Hydrate



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC43206-1000

98%; Cl·xH₂O; **FW.** 277.92; CAS [37451-68-6];
Melting Point: 37.0° to 39.0°C

Tetrabutylammonium Fluoride



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC45180-1000

C₁₆H₃₆FN; [CH₃(CH₂)₃]₄NF; **FW.** 261.46; CAS [429-41-4];
Density: 0.9530g/mL

Tetrabutylammonium Fluoride



Quantity	Packaging	Cat. No.
800mL	AcroSeal™ Glass Bottle	AC43351-8000

TBAF; C₁₆H₃₆FN; [CH₃(CH₂)₃]₄NF; **FW.** 261.46;
CAS [429-41-4, 109-99-9, 7732-18-5]; **Flash Point:** -17°C;
Density: 0.8870g/mL; **UN:** 2924

Tetrabutylammonium Hydrogen Sulfate HPLC Grade



Quantity	Packaging	Cat. No.
500g	Wide Mouth Amber Glass Bottle	02004408

98%; (CH₃CH₂CH₂CH₂)₄NHSO₄; **FW.** 339.54; CAS [32503-27-8]

Tetrabutylammonium Hydroxide



Quantity	Packaging	Cat. No.
800mL	AcroSeal™ Glass Bottle	AC42895-8000

$C_{16}H_{37}NO$; $[CH_3(CH_2)_3]_4NOH$; **FW.** 259.46; **CAS** [2052-49-5, 67-56-1];
Melting Point: -98.0°C; **Flash Point:** 12°C; **Boiling Point:** 65.0°C;
Density: 0.9100g/mL; **UN:** 3286

Tetrabutylammonium Hydroxide

HPLC Grade



Quantity	Packaging	Cat. No.
4L	Poly Bottle	02004409

Meets ACS Specifications; $(CH_3CH_2CH_2CH_2)_4NOH$; **FW.** 259.48;
 in Water

Tetrabutylammonium Hydroxide



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	AC12353-0025

$C_{16}H_{37}NO$; $[CH_3(CH_2)_3]_4NOH$; **FW.** 259.47;
CAS [2052-49-5, 108-88-3, 67-56-1]; **Flash Point:** 4°C;
Density: 0.8500g/mL

Tetrabutylammonium Hydroxide

HPLC Grade



Quantity	Packaging	Cat. No.
500g	HDPE Pressure Bottom Poly Bottle	02004407

$(CH_3CH_2CH_2CH_2)_4NOH$; **FW.** 259.48; **CAS** [2052-49-5];
 Titrant (0.4M in H_2O)

Tetrabutylammonium Phosphate

HPLC Grade



Quantity	Packaging	Cat. No.
25g	Wide Mouth Amber Glass Bottle	02004411

$(CH_3CH_2CH_2CH_2)_4NH_2PO_4$; **FW.** 339.46; **CAS** [5574-97-0]

Tetrabutylammonium Phosphate

HPLC Grade



Quantity	Packaging	Cat. No.
25g	Glass Bottle	06117-25

White to Off-white Powder; $\geq 98.5\%$; $C_{16}H_{38}NO_4P$;
 $(CH_3CH_2CH_2CH_2)_4NH_2PO_4$; **FW.** 339.45; **CAS** [5574-97-0];
Melting Point: 148° to 151°C

Tetrabutylammonium Phosphate Monobasic



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC42016-1000

99%; Tetrabutylammonium Dihydrogen Phosphate; $C_{16}H_{38}NO_4P$;
 $(CH_3(CH_2)_3)_4NH_2PO_4$; **FW.** 339.45; **CAS** [5574-97-0];
Melting Point: 148.0° to 151.0°C

Tetrachloroauric(III) Acid Trihydrate

ACS Reagent



Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC41107-0010

Chloroauric Acid Trihydrate, Gold Trichloride Acid Trihydrate;
FW. 393.83; **CAS** [16961-25-4]; **UN:** 3260

Tetrachloroethylene

ULTRA RESI-ANALYZED™



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02004412

$Cl_2C=CCl_2$; **FW.** 165.83; **CAS** [127-18-4]

Tetrachloroethylene

Reagent Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	04586-4

Tetrachloroethene, Perchloroethylene, Ethylene
 Tetrachloride; C_2Cl_4 ; $CCl_2=CCl_2$; **FW.** 165.83; **CAS** [127-18-4];
Melting Point: -22.3°C; **Boiling Point:** 121°C;
Density: 5.8 (Air=1.0); **DOT Class 6.1:** Poison; **UN:** 1897



Tetrachloroethylene

Spectrophotometric Grade



Quantity	Packaging	Cat. No.
1L	----	AA32437K2
4 x 1L	----	AA32437M1
4L	----	AA32437K7

Liquid; $>99\%$; Perchloroethylene; $Cl_2C=CCl_2$; **FW.** 165.83;
CAS [127-18-4]; **Melting Point:** -22°C; **Boiling Point:** 120° to 121°C;
Density: 1.623 g/mL; Ultrapure

Tetrachloroethylene



Quantity	Packaging	Cat. No.
2.5L	----	AAB200890F

99%; Perchloroethylene, Perklone; C_2Cl_4 ; $Cl_2C=CCl_2$; **FW.** 165.83;
CAS [127-18-4]; **Melting Point:** -22°C; **Boiling Point:** 120° to 121°C;
Transport Hazard Class: 6.1; **UN:** 1897

Tetrachloroethylene

HPLC Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC44569-0010
2.5L	Glass Bottle	AC44569-0025

$\geq 99\%$; Perchloroethylene; C_2Cl_4 ; $Cl_2C=CCl_2$; **FW.** 165.83;
CAS [127-18-4]; **Melting Point:** -22.0°C;
Boiling Point: 120.0° to 122.0°C; **Density:** 1.6250g/mL

Tetradecane

Reagent Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	04595-500

$\geq 98\%$; $C_{14}H_{30}$; $CH_3(CH_2)_{12}CH_3$; **FW.** 198.39; **CAS** [629-59-4];
Melting Point: 5.8°C; **Flash Point:** 99°C;
Boiling Point: 252° to 254°C; **Density:** 6.8 (Air=1.0)



n-Tetradecane



Quantity	Packaging	Cat. No.
500g	----	AA3080936

Liquid; $>99\%$; $C_{14}H_{30}$; **FW.** 198.39; **CAS** [629-59-4]; **Melting Point:** 4°C;
Flash Point: 99°C; **Density:** 0.763g/mL

Tetradecyl Sodium Sulfate



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC42026-0250

95%; $C_{14}H_{29}NaO_4S$; $CH_3(CH_2)_{13}OSO_3Na$; **FW.** 316.44; **CAS** [1191-50-0];
Melting Point: 199.0°C

Tetraethyl Orthosilicate Reagent Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	04617-4

Tetraethoxysilane, Ethyl Orthosilicate; $C_8H_{20}O_4Si$; $(C_2H_5O)_4Si$;
F.W. 208.33; **CAS** [78-10-4]; **Melting Point:** $-77^{\circ}C$;
Flash Point: $45^{\circ}C$; **Boiling Point:** 165° to $166^{\circ}C$;
Density: 7.2 (Air=1.0)



Tetraethyl Orthosilicate



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	AC15781-1000
1L	Glass Bottle	AC15781-0010

98%; Ethyl Silicate, Tetraethoxysilane, TEOS; $C_8H_{20}O_4Si$; $Si(OC_2H_5)_4$;
F.W. 208.33; **CAS** [78-10-4]; **Melting Point:** $-77.0^{\circ}C$; **Flash Point:** $45^{\circ}C$;
Boiling Point: 166.0° to $169.0^{\circ}C$; **Density:** 0.9400g/mL; **UN:** 1292

Tetraethylammonium Bromide Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	04602-500

$\geq 98\%$; TEAB, N,N,N-Triethylethanaminium Bromide;
 $(C_2H_5)_3NBr$; **F.W.** 210.16; **CAS** [71-91-0]; **Density:** 1.4g/mL



1,2,3,4-Tetrahydronaphthalene Laboratory Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	T72-4

$C_{10}H_{12}$; $C_8H_4CH_2CH_2CH_2CH_2$; **F.W.** 132.21;
CAS [119-64-2, 91-17-8, 91-20-3]; **Melting Point:** $-30^{\circ}C$;
Boiling Point: $207^{\circ}C$; **Density:** 0.97g/mL



1-Tetrahydropyran-4-yl-1H-pyrazol-4-ylamine



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC45357-0050

97%; $C_8H_{13}N_3O$; **F.W.** 167.21; **CAS** [1190380-49-4];
Melting Point: 105° to $107^{\circ}C$

1,2,3,4-Tetrahydroquinoline



Quantity	Packaging	Cat. No.
2.5kg	Glass Bottle	AC13827-0025

98%; $C_8H_{11}N$; **F.W.** 133.19; **CAS** [635-46-1];
Melting Point: 15.0° to $17.0^{\circ}C$; **Flash Point:** $100^{\circ}C$;
Boiling Point: $249.0^{\circ}C$; **Density:** 1.0600g/mL

Tetrakis(triphenylphosphine)palladium

Alfa Aesar

Quantity	Packaging	Cat. No.
10g	----	AA1054809

Crystalline; 99.8% (Metal Basis), Pd 9% min; Pd $[P(C_6H_5)_3]_4$;
F.W. 1155.57; **CAS** [14221-01-3]; **Melting Point:** 100° to $105^{\circ}C$;
 Hydrosilation, isomerization, carbonylation

4,4,5,5-Tetramethyl-2-(2-methyl-3-furyl)-1,3,2-dioxaborolane



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC45152-0050

90%; $C_{11}H_{17}BO_3$; **F.W.** 208.06; **CAS** [864776-02-3]

Tetramethylammonium Hydroxide Electronic Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
1 gal	----	AA20932LV

Liquid; 99.9999% (Metal Basis); $C_4H_{13}NO$; $(CH_3)_4NOH$; **F.W.** 91.15;
CAS [75-59-2]; **Boiling Point:** $\approx 102^{\circ}C$; **Density:** 1.016g/mL;
Transport Hazard Class: 8; **UN:** 1835; Colorless to pale yellow;
 25% w/w aq. soln.

Tetramethylammonium Hydroxide

Alfa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA20932K2

$(CH_3)_4NOH$; **F.W.** > 91.15 ; **CAS** [75-59-2];
 Tetramethylammonium hydroxide; 25% w/w aqueous solution;
 Electronic Grade; 99.9%

Tetramethyl Orthocarbonate



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC15811-0250

99%; Tetramethoxymethane; $C_5H_{12}O_4$; **F.W.** 136.15; **CAS** [1850-14-2];
Melting Point: $-5^{\circ}C$; **Flash Point:** $22^{\circ}C$; **Boiling Point:** $114^{\circ}C$;
Density: 1.02g/mL

Tetramethylene Sulfone



Quantity	Packaging	Cat. No.
10L	Plastic Drum	AC13843-0100

$\geq 99\%$; Sulfolane, Tetrahydrothiophene 1,1-dioxide; $C_4H_8O_2S$;
F.W. 120.17; **CAS** [126-33-0]; **Melting Point:** 27.4° to $27.8^{\circ}C$;
Flash Point: $165^{\circ}C$; **Boiling Point:** $285.0^{\circ}C$; **Density:** 1.2600g/mL

Thiamine Hydrochloride

Alfa Aesar

Quantity	Packaging	Cat. No.
250g	----	AAA1956030

99% (dry wt.), may cont. up to 5% water;
 Vitamin B1 Hydrochloride, Aneurine Hydrochloride; $C_{12}H_{17}ClN_4OS \cdot HCl$;
F.W. 337.28; **CAS** [67-03-8]; **Melting Point:** $\approx 250^{\circ}C$ (dec.)

Thiazolyl Blue Tetrazolium Bromide



Quantity	Packaging	Cat. No.
250mg	Glass Bottle	AC15899-2500

98%; 3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyl-2H-tetrazolium
 Bromide; $C_{18}H_{18}BrN_5S$; **F.W.** 414.32; **CAS** [298-93-1];
Melting Point: $195.0^{\circ}C$; **UN:** 1325

Thioacetamide Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	T102-500

Crystalline Powder; $\geq 99\%$; Ethanethioamide; C_2H_5NS ;
 CH_3CSNH_2 ; **F.W.** 75.13; **CAS** [62-55-5];
Melting Point: 111° to $114^{\circ}C$



DL- α -Tocopherol

Afa Aesar

Quantity	Packaging	Cat. No.
250g	----	AAA1703930

>97%; Vitamin E; C₂₉H₅₀O₂; **F.W.** 430.72; CAS [10191-41-0];
Melting Point: 2° to 4°; **Flash Point:** 240°C;
Boiling Point: 200° to 220°C; **Density:** 0.950g/mL

p-Toluenesulfonyl Chloride

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
10kg	Plastic Drum	AC13903-0100

≥99%; Tosyl Chloride; C₇H₇ClO₂S; CH₃C₆H₄SO₂Cl; **F.W.** 190.65;
 CAS [98-59-9]; **Melting Point:** 67.0° to 69.0°C; **Flash Point:** 128°C;
Boiling Point: 134.0°C (10.0mmHg)

Topiramate

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC45619-0010

98%; 2,3,4,5-Bis-O-(1-methylethylidene)-beta-D-fructopyranose Sulfamate; C₁₂H₂₁NO₈S; **F.W.** 339.36; CAS [97240-79-4]
Melting Point: 125°C

N-Tosylpyrrole

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC27006-0250

Beige to Light Brown Crystalline Powder; 98%; C₁₁H₁₁NO₂S;
F.W. 221.28; **Melting Point:** 103.0°C to 104.5°C

D-(+)-Trehalose Dihydrate

Afa Aesar

Quantity	Packaging	Cat. No.
100g	----	AAA1943422

99%; C₁₂H₂₂O₁₁; **F.W.** 378.33 (342.29 anhy); CAS [99-20-7];
Melting Point: 214° to 216°C

Tributyl Phosphate

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
10L	Metal Drum	AC16993-0100

≥99%; TBP; C₁₂H₂₇O₄P; [CH₃(CH₂)₃O]₃P(O); **F.W.** 266.32;
 CAS [126-73-8]; **Melting Point:** -79.0°C; **Flash Point:** 146°C;
Boiling Point: 289.0°C; **Density:** 0.9790g/mL

1,1,2-Trichloro-1,2,2-trifluoroethane

Optima™

F

Quantity	Packaging	Cat. No.
1L	Glass Bottle	T178-1

Freon™; C₂Cl₃F₃; FCCl₂CClF₂; **F.W.** 187.37; CAS [76-13-1];
Melting Point: -36°C; **Boiling Point:** 47° to 48°C;
Density: 6.5 (Air = 1.0); Certificate of Lot Analysis included with each bottle; UV and other chromatograms available on request.

ChemAlert® Storage Code GRAY

1,2,4-Trichlorobenzene

HPLC Grade

J.T.Baker

Quantity	Packaging	Cat. No.
3.8L	Narrow Mouth PVC Coated Amber Glass Bottle	02002006

C₆H₃Cl₃; **F.W.** 181.45; CAS [120-82-1]; **Flash Point:** 105.00°C
 Packaged under Argon

1,2,4-Trichlorobenzene

HPLC Grade

F

Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle, EcoSafPak™	04846-4

96% min by GC; C₆H₃Cl₃; **F.W.** 181.45; CAS [120-82-1];
Melting Point: 16°C; **Boiling Point:** 214°C; **Density:** 1.46g/mL;
DOT Class 6.1: Poison; **UN:** 2321;
 Filtered through 0.2-micron filter.

ChemAlert® Storage Code BLUE

1,1,2-Trichloroethane

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	AC13943-0025

98%; C₂H₃Cl₃; ClCH₂CHCl₂; **F.W.** 133.40; CAS [79-00-5];
Melting Point: -37.0°C; **Boiling Point:** 110.0° to 115.0°C;
Density: 1.4300g/mL

Trichloroethylene

ACS Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA19401K7

Liquid; ≤99.5%; Trichloroethene; ClCH=CCl₂; **F.W.** 131.39; CAS [79-01-6];
Melting Point: -85°C; **Boiling Point:** 87°C; **Density:** 1.46g/mL;
Transport Hazard Class: 6.1; **UN:** 1710

Trichloroethylene

ACS Reagent

MACRON

Quantity	Packaging	Cat. No.
4L	Glass Bottle	MK86004

ClCH=CCl₂; **F.W.** 131.39; CAS [79-01-6]

Trichloroethylene

Electronic Grade

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA41963K7
4 × 4L	----	AA41963M6

Liquid; >99.5%; ClCH=CCl₂; **F.W.** 131.39; CAS [79-01-6];
Melting Point: -85°C (-121°F); **Boiling Point:** 87°C (189°F);
Density: 1.46g/cm³ at 20°C; **UN:** 1710; Colorless

Triethanolamine

Certified

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	T407-500
1L	Glass Bottle	T407-1
4L	Glass Bottle	T407-4

≥99%; Tri-β-hydroxy Ethylamine, Trolamine; (HOCH₂CH₂)₃N;
 N(CH₂CH₂OH)₃; **F.W.** 149.14; CAS [102-71-6];
Melting Point: 21°C; **Flash Point:** 190°C; **Boiling Point:** 335°C;
Density: 5.14 (Air = 1.0)

ChemAlert® Storage Code GRAY

Triethanolamine

NF

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	T350-500
4L	Glass Bottle	T350-4

99.0 to 107.4%; Trolamine, Tri-beta-hydroxy Ethylamine;
 (HOCH₂CH₂)₃N; N(CH₂CH₂OH)₃; **F.W.** 149.14; CAS [102-71-6];
Melting Point: 21°C; **Flash Point:** 190°C; **Boiling Point:** 335°C;
Density: 5.14 (Air = 1.0)

ChemAlert® Storage Code GRAY

Triethylamine HPLC Grade



Quantity	Packaging	Cat. No.
686mL	Glass Bottle	MTX12025

Liquid; >99.5%; (CH₃CH₂)₃N; **FW**: 11.19; Clear

Triethylamine BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02004535

(C₂H₅)₃N; **FW**: 101.19; CAS [121-44-8]; **Flash Point**: -11.00°C

Triethylamine HPLC Grade



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	04884-100

≥99%; TEA, N,N-Diethylethanamine; C₆H₁₅N; (C₂H₅)₃N;**FW**: 101.19; CAS [121-44-8];**Melting Point**: -115°C (-175°F); **Flash Point**: -11°C;**Boiling Point**: 89° to 90°C; **Density**: 3.5 (Air = 1.0);**DOT Class 3**: Flammable Liquid; **UN**: 2966

Triethylamine Reagent Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	04885-1
4L	Glass Bottle	04885-4
20L	Steel Pail	04885-20

≥99%; TEA, N,N-Diethylethanamine; C₆H₁₅N; (C₂H₅)₃N;**FW**: 101.19; CAS [121-44-8];**Melting Point**: -115°C (-175°F); **Flash Point**: -11°C;**Boiling Point**: 89° to 90°C; **Density**: 3.5 (Air = 1.0);**DOT Class 3**: Flammable Liquid; **UN**: 1296

Triethylamine

Afa Aesar

Quantity	Packaging	Cat. No.
500mL	----	AAA12646AP

Liquid; 99%; (CH₃CH₂)₃N; **FW**: 101.19; CAS [121-44-8];**Melting Point**: -115°C (-175°F); **Flash Point**: -6°C (21°F);**Boiling Point**: 89° to 90°C; **Density**: 0.7255g/mL

Triethylamine Extra Pure



Quantity	Packaging	Cat. No.
50g	Glass Bottle	AC21951-0500

99.7%; TETN; C₆H₁₅N; (C₂H₅)₃N; **FW**: 101.19; CAS [121-44-8];**Melting Point**: -115.0°C; **Flash Point**: -11°C; **Boiling Point**: 90.0°C;**Density**: 0.7280g/mL; **UN**: 1296

Triethylene Glycol Laboratory Grade



Quantity	Packaging	Cat. No.
4L	Glass Bottle	T346-4

C₆H₁₄O₄; **FW**: 150.18; CAS [112-27-6]; **Melting Point**: -7°C;**Flash Point**: 165°C; **Boiling Point**: 285°C;**Density**: 5.17 (Air = 1.0)

Tri(ethylene glycol)di-p-toluenesulfonate

Afa Aesar

Quantity	Packaging	Cat. No.
250g	----	AAB2327930

98%; (CH₃C₆H₄SO₃CH₂CH₂OCH₂)₂; **FW**: 458.55; CAS [19249-03-7];**Melting Point**: 80° to 82°C

Trifluoroacetic Anhydride

Afa Aesar

Quantity	Packaging	Cat. No.
2500g	----	AAA136140E

TFAA; C₄F₆O₃; (CF₃CO)₂O; **FW**: 210.03; CAS [407-25-0];**Melting Point**: -65°C; **Boiling Point**: 39° to 40°C;**Transport Hazard Class**: 8; **UN**: 3265

Triisopropylsilane



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC44617-1000

98%; C₉H₂₂Si; **FW**: 158.36; CAS [6485-79-6]; **Flash Point**: 37°C;**Boiling Point**: 84° to 86°C (p=35 torr); **Density**: 0.773g/cm³; AcroSeal™

Triisopropylsilane



Quantity	Packaging	Cat. No.
50g	Glass Bottle	AC21492-0500
250g	Glass Bottle	AC21492-2500

98%; C₉H₂₂Si; [(CH₃)₂CH]₃SiH; **FW**: 158.36; CAS [6485-79-6];**Flash Point**: 37°C; **Boiling Point**: 84.0° to 86.0°C (35.0mmHg);**Density**: 0.7730g/mL; **UN**: 1993

Trimethoprim



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC45512-0050

98%; Trimethoprim 2,4-Diamio-5-(3,4,5-trimethoxybenzyl)pyrimidine;

C₁₄H₁₈N₄O₃; **FW**: 290.32; CAS [738-70-5]; **Melting Point**: 234° to 236°C

Trimethylacetic Anhydride



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC16244-0010

99%; Pivalic Anhydride; C₁₀H₁₈O₃; [(CH₃)₃CCO]₂O; **FW**: 186.25;CAS [1538-75-6]; **Flash Point**: 63°C; **Boiling Point**: 193.0°C;**Density**: 0.9100g/mL; **UN**: 3265

Trimethyloxonium Tetrafluoroborate

Afa Aesar

Quantity	Packaging	Cat. No.
250g	----	AAA1517530

96%; (CH₃)₃OBf₄; **FW**: 147.91; CAS [420-37-1]; **Melting Point**: ca. 200°C

2,2,4-Trimethylpentane ACS Reagent

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA31787K2
4L	----	AA31787K7
4 × 1L	----	AA31787M1
500mL	----	AA31787AP

Liquid; >99%; Isooctane; (CH₃)₂CHCH₂C(CH₃)₃; **FW**: 114.23;CAS [540-84-1]; **Melting Point**: -107°C; **Boiling Point**: 98 to 99°C;**Density**: 0.692g/cm³ at 20°C; **UN**: 1262; Colorless

Trimethyl Phosphate

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	2.5L	Glass Bottle	AC15797-0025
99%; C ₃ H ₉ O ₄ P; (CH ₃) ₃ P(O); FW. 140.08; CAS [512-56-1]; Melting Point: -46.0°C; Flash Point: 107°C; Boiling Point: 197.0°C; Density: 1.1900g/mL			

Trimethylsilylacetylene

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	25g	Glass Bottle	AC20357-0250
Clear Colorless Liquid; 98%; C ₅ H ₁₀ Si; (CH ₃) ₃ SiC≡CH; FW. 98.22; CAS [1066-54-2]; Flash Point: -34°C; Boiling Point: 53°C (760mm Hg); Density: 0.69g/mL; UN: 1993			

Trimethyltin Hydroxide

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	5g	Glass Bottle	AC44922-0050
	25g	Glass Bottle	AC44922-0250
98%; C ₃ H ₁₀ OSn; (CH ₃) ₃ SnOH; FW. 180.82; CAS [56-24-6]; Melting Point: 118.0° to 119.0°C			

2,3,5-Triphenyl-2H-tetrazolium Chloride

Alfa Aesar	Quantity	Packaging	Cat. No.
	50g	----	AAA1087018
98%; TTC; C ₁₅ H ₁₅ ClN ₄ ; FW. 334.81; CAS [298-96-4]; Melting Point: ≈250°C (dec.)			

Triphenylphosphine

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	5kg	Plastic Drum	AC14042-0050
99%; C ₁₈ H ₁₅ P; (C ₆ H ₅) ₃ P; FW. 262.28; CAS [603-35-0]; Melting Point: 78.5° to 81.5°C; Flash Point: 181°C; Boiling Point: 377.0°C			

Triphenylphosphine

Alfa Aesar	Quantity	Packaging	Cat. No.
	100g	----	AA1411222
Flakes; >99%; (C ₆ H ₅) ₃ P; FW. 262.29; CAS [603-35-0]; Melting Point: 79° to 81°; Flash Point: 181°C; Boiling Point: 360°; Density: 1.2g/mL			

n-Undecane

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	100mL	Glass Bottle	AC14066-1000
	500mL	Glass Bottle	AC14066-5000
	10L	Glass Bottle	AC14066-0100
99%; C ₁₁ H ₂₄ ; CH ₃ (CH ₂) ₉ CH ₃ ; FW. 156.31; CAS [1120-21-4]; Melting Point: -26.0°C; Flash Point: 60°C; Boiling Point: 196.0°C; Density: 0.7400g/mL; UN: 2330			

Uracil

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	2.5kg	Plastic Bottle	AC15730-0025
White to Slightly Yellowish Crystalline Powder; 99+%; 2,4(1H,3H)-Pyrimidinedione; C ₄ H ₄ N ₂ O ₂ ; FW. 112.09; CAS [66-22-8]; Melting Point: 335.0°C			

Uranine

F	Quantity	Packaging	Cat. No.
	100g	Glass Bottle	A833-100
	500g	Poly Bottle	A833-500
Concentrated; Fluorescein Sodium Salt; C ₂₀ H ₁₀ O ₅ ·2Na; FW. 376.28; CAS [518-47-8]; Melting Point: 320°C (608°F); C.I. 45350			
Used by nuclear utilities to test cooling systems for small leaks.			

ChemAlert®
Storage Code
GRAY

Urea

F	Quantity	Packaging	Cat. No.
	500g	Poly Bottle	U15-500
	3kg	Poly Bottle	U15-3
	50kg	Fiber Drum	U15-50
White Crystals; 99.0 to 100.5%; Carbamide; CH ₄ N ₂ O; NH ₂ CONH ₂ ; FW. 60.06; CAS [57-13-6]; Melting Point: 131° to 135°C (267.8° to 275°F); Density: 1.34g/mL			

ChemAlert®
Storage Code
GRAY

Urea

F	Quantity	Packaging	Cat. No.
	3kg	Poly Bottle	U16-3
	50kg	Fiber Drum	U16-50
Carbamide; CH ₄ N ₂ O; NH ₂ CONH ₂ ; FW. 60.06; CAS [57-13-6]; Melting Point: 131° to 135°C (267.8° to 275°F); Density: 1.34g/mL			

ChemAlert®
Storage Code
GRAY

Urea

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	10kg	Plastic Drum	AC42458-0100
99%; Carbamide; CH ₄ N ₂ O; H ₂ NCONH ₂ ; FW. 60.06; CAS [57-13-6]; Melting Point: 131.0° to 135.0°C			

Vancomycin Hydrochloride

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	5g	Glass Bottle	AC29699-0050
C ₆₆ H ₇₅ Cl ₂ N ₉ O ₂₄ ·HCl; FW. 1485.73; CAS [1404-93-9]			

Vancomycin Hydrochloride

Alfa Aesar	Quantity	Packaging	Cat. No.
	5g	----	AAJ6279006
Powder; C ₆₆ H ₇₅ Cl ₂ N ₉ O ₂₄ ·HCl; FW. 1485.73; CAS [1404-93-9]; Recommended Storage: 2° to 8°C; Off-white Inhibits bacterial mucopeptide synthesis			

Vanillin

NF



Quantity	Packaging	Cat. No.
100g	Glass Bottle	V10-100

Crystalline; Methyl Protocatechuic Aldehyde, Vanillic Aldehyde, 3-Methoxy-4-Hydroxybenzaldehyde; $C_8H_8O_3$; 1-(CHO)-3-(OCH₃)-4-(OH)-C₆H₃; **F.W.** 152.15; CAS [121-33-5]; **Melting Point:** 80° to 83°C; **Boiling Point:** 285°C; **Density:** 1.06g/mL

ChemAlert®
Storage Code
GRAY

Vanillin

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AAA1116936

99%; 4-Hydroxy-3-methoxybenzaldehyde; $C_8H_8O_3$; **F.W.** 152.15; CAS [121-33-5]; **Melting Point:** 81° to 83°C; **Flash Point:** 153°C (307°F); **Boiling Point:** 170°C (15mmHg)

D(+)-Xylose

ACROS
ORGANICS

Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC14100-0025

≥99%; $C_5H_{10}O_5$; **F.W.** 150.13; CAS [58-86-6]; **Melting Point:** 148.0° to 153.0°C

Zinc Stearate

USP



Quantity	Packaging	Cat. No.
500g	Glass Bottle	Z784-500

Powder; 12.5 to 14.0%; Stearic Acid Zinc Salt, Octadecanoic Acid Zinc Salt; $C_{38}H_{76}O_4Zn$; $Zn(C_{18}H_{35}O_2)_2$; **F.W.** 632.34; CAS [557-05-1]; **Melting Point:** 118° to 128°C

ChemAlert®
Storage Code
GRAY



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Aluminium Hydroxide Extra Pure



Quantity	Packaging	Cat. No.
10kg	Plastic Bottle	AC21913-0100

White Powder; Al(OH)_3 ; Al(OH)_3 ; **F.W.** 78.00; CAS [21645-51-2];

Aluminum Nitrate Nonahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	A586-500
3kg	Glass Bottle	A586-3
10kg	Poly Pail	A586-10

Crystalline; 98.0 to 102.0%; Nitric Acid Aluminum Salt; $\text{Al(NO}_3)_3 \cdot 9\text{H}_2\text{O}$; $\text{Al(NO}_3)_3 \cdot 9\text{H}_2\text{O}$; **F.W.** 375.13; CAS [7784-27-2]; **Melting Point:** 73°C; **DOT Class 5.1:** Oxidizer; **UN:** 1438;



Aluminum Nitrate Nonahydrate



Quantity	Packaging	Cat. No.
5kg	----	AA12360A7

Crystalline; 98%; $\text{Al(NO}_3)_3 \cdot 9\text{H}_2\text{O}$; **F.W.** 375.13; CAS [7784-27-2]; **Melting Point:** 73.5°C; **UN:** 1438; White;

Aluminum Oxide, Anhydrous Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	A591-500
3kg	Glass Bottle	A591-3

Powder; Aluminum Trioxide, Alumina; Al_2O_3 ; **F.W.** 101.96; CAS [1344-28-1]; **Melting Point:** 2000°C; **Boiling Point:** 2,980°C; **Density:** 4g/mL



Aluminum Sulfate Hydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A613-500

Crystalline; 98.0 to 102.0%; $\text{Al}_2\text{O}_3 \cdot \text{S}_3 \cdot 18\text{H}_2\text{O}$; $\text{Al}_2(\text{SO}_4)_3 \cdot n\text{H}_2\text{O}$; **F.W.** 666.42 (for 18-hydrate); CAS [7784-31-8]; **Melting Point:** 86°C



Aluminum Sulfate Hydrate Technical Grade



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	A611-3

$\text{Al}_2\text{S}_3 \cdot \text{O}_{12} \cdot x\text{H}_2\text{O}$; $\text{Al}_2(\text{SO}_4)_3 \cdot n\text{H}_2\text{O}$; CAS [57292-32-7]



Ammonium Acetate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A637-500
3kg	Poly Pail	A637-3
10kg	Poly Pail	A637-10

Crystalline; $\geq 97\%$; $\text{C}_2\text{H}_7\text{NO}_2$; $\text{CH}_3\text{COONH}_4$; **F.W.** 77.08; CAS [631-61-8]; **Melting Point:** 110°C (230°F); **Flash Point:** 136°C; **Density:** 1.07g/mL



Ammonium Acetate HPLC Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A639-500

Crystalline; $\geq 97\%$; Acetic Acid Ammonium Salt; $\text{C}_2\text{H}_7\text{NO}_2$; $\text{CH}_3\text{COONH}_4$; **F.W.** 77.08; CAS [631-61-8];

Melting Point: 110°C (230°F); **Flash Point:** 136°C;

Density: 1.07g/mL; Soluble in Methanol; Also meets ACS specifications



Ammonium Acetate HPLC Grade



Quantity	Packaging	Cat. No.
1kg	Poly Bottle	02002265

$\text{CH}_3\text{COONH}_4$; **F.W.** 77.08; CAS [631-61-8];

Ammonium Bifluoride Technical Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A664-500
3kg	Poly Bottle	A664-3

Crystalline; Ammonium Acid Fluoride, Ammonium Hydrogen Difluoride; $\text{H}_2\text{F}_2\text{N}$; **F.W.** 57.04; CAS [1341-49-7];

Melting Point: 125°C; **Boiling Point:** 239.5°C;

Density: 1.5g/mL; **DOT Class 8:** Corrosive; **UN:** 1727



Ammonium Bromide ACS Reagent



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC44631-0025

H_2BrN ; NH_4Br ; **F.W.** 97.94; CAS [12124-97-9]; **Melting Point:** 452.0°C; **Boiling Point:** 235.0°C

Ammonium Carbonate Laboratory Grade



Quantity	Packaging	Cat. No.
3kg	Poly Pail	A652-3

Powder; $\text{CH}_8\text{N}_2\text{O}_3$; **F.W.** 96.07; CAS [506-87-6];

Melting Point: 58°C (136°F)



Ammonium Carbonate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A656-500

Lumps; $\text{CH}_8\text{N}_2\text{O}_3$; **F.W.** 96.07; CAS [506-87-6];

Melting Point: 58°C (136°F)



Ammonium Carbonate



Quantity	Packaging	Cat. No.
250g	----	AA1298030

Powder; 99.999% (Metal Basis); $(\text{NH}_4)_2\text{CO}_3$; **F.W.** 96.09; CAS [506-87-6]; **Melting Point:** 60° subl.

Ammonium Chloride USP/FCC/EP



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A687-500
2.5kg	Poly Bottle	A687-212
10kg	Poly Pail	A687-10

White Crystalline Powder; NH_4Cl ; **F.W.** 53.49; CAS [12125-02-9]; **Melting Point:** 328°C; **Boiling Point:** 520°C; **Density:** 1.53g/mL



Ammonium Chloride USP/FCC



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A649-500
3kg	Poly Bottle	A649-3

Granular; NH₄Cl; F.W. 53.49; CAS [12125-02-9];
Melting Point: 328°C; **Boiling Point:** 520°C; **Density:** 1.53g/mL



Ammonium Chloride Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A661-500
3kg	Poly Pail	A661-3
10kg	Poly Pail	A661-10

Crystalline; ≥99.5%; Sal Ammoniac; NH₄Cl; F.W. 53.49;
 CAS [12125-02-9]; **Melting Point:** 328°C; **Boiling Point:** 520°C;
Density: 1.53g/mL



Ammonium Chloride ACS Grade



Quantity	Packaging	Cat. No.
1kg	----	AA40193A1

Crystalline; 99.5% min; NH₄Cl; F.W. 53.49; CAS [12125-02-9];
Melting Point: 340°C

Ammonium Chloride



Quantity	Packaging	Cat. No.
500g	----	AA1236136

Granular; 99.5% min.; NH₄Cl; F.W. 53.49; CAS [12125-02-9];
Melting Point: 340°C; **Density:** 1.53g/cm³

Ammonium Chloride, 99.8% ACS Reagent



Quantity	Packaging	Cat. No.
500g	----	MAX12701

Sal Ammoniac; H₂CIN; NH₄Cl; F.W. 53.49; CAS [12125-02-9];
Melting Point: 335°C (sublimed); **Boiling Point:** 520°C;
Density: 1.52g/cm³ (20°C); Suprapur™

Ammonium Citrate Tribasic



Quantity	Packaging	Cat. No.
500g	----	AAA1697336

>97%; Citric Acid Triammonium Salt, Triammonium Citrate; C₈H₁₇N₃O₇;
 F.W. 243.22; CAS [3458-72-8]; **Melting Point:** 180°C

Ammonium Dihydrogen Phosphate



Quantity	Packaging	Cat. No.
10kg	Plastic Drum	AC20183-0100

≥99%; Ammonium Phosphate, Monobasic; H₂NO₄P; NH₄H₂PO₄;
 F.W. 115.03; CAS [7722-76-1]; **Melting Point:** 190.0°C;

Ammonium Fluoride Certified ACS



Quantity	Packaging	Cat. No.
100g	Poly Bottle	A665-100
500g	Poly Bottle	A665-500

Crystalline; ≥98.0%; H₂FN; F.W. 37.04; CAS [12125-01-8];
DOT Class 6.1: Poison; **UN:** 2505



Ammonium Iodide ACS Grade



Quantity	Packaging	Cat. No.
100g	----	AA1166822

Granular; ≤99.0%; NH₄I; F.W. 144.94; CAS [12027-06-4];
Melting Point: 551°C (subl.); **Density:** 2.514g/mL

Ammonium Iodide ACS Reagent



Quantity	Packaging	Cat. No.
50g	Glass Bottle	AC19321-0500

H₄IN; F.W. 144.94; CAS [12027-06-4]; **Melting Point:** 551.0°C;
Density: 2.5100g/mL

Ammonium Molybdate Tetrahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A674-500
3kg	Poly Bottle	A674-3
10kg	Poly Pail	A674-10

Crystalline; 81.0 to 83.0%;
 Ammonium Heptamolybdate Tetrahydrate; (NH₄)₆Mo₇O₂₄·4H₂O;
 (NH₄)₆Mo₇O₂₄·4H₂O; F.W. 1235.86; CAS [12054-85-2];
Melting Point: 190°C; **Density:** 2.49g/mL



Ammonium Molybdate BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	02002304

Crystal; Meets ACS Reagent Chemical Requirements;
 (NH₄)₆Mo₇O₂₄·4H₂O; F.W. 1235.86; CAS [12054-85-2]; 4-Hydrate;

Ammonium Nitrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A676-500
2.5kg	Poly Bottle	A676-212

Granular; ≥98.0%; NH₄NO₃; F.W. 80.04;
 CAS [6484-52-2]; **Melting Point:** 169°C; **Density:** 1.73g/mL;
DOT Class 5.1: Oxidizer; **UN:** 1942



Ammonium Nitrate



Quantity	Packaging	Cat. No.
250g	----	AA1063830

Crystalline; 100.00%; H₂N₂O₃; F.W. 80.04; CAS [6484-52-2];
Melting Point: 170°C; **Boiling Point:** 210°C; **Density:** 1.72g/cm³;
UN: 1942; Colorless

Ammonium Nitrate BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	02002307

NH₄NO₃; F.W. 80.04; CAS [6484-52-2];
 Meets ACS Reagent Chemical Requirements;

Ammonium Peroxydisulfate Certified ACS

Quantity	Packaging	Cat. No.
500g	Poly Bottle	A682-500
3kg	Poly Bottle	A682-3
10kg	Poly Pail	A682-10

Crystalline; ≥98.0%; Ammonium Persulfate, APS; (NH₄)₂S₂O₈; F.W. 228.19; CAS [7727-54-0]; Density: 1.98g/mL; DOT Class 5.1: Oxidizer; UN: 1444



Ammonium Sulfate Certified ACS

Quantity	Packaging	Cat. No.
500g	Poly Bottle	A702-500
3kg	Poly Bottle	A702-3
10kg	Poly Pail	A702-10

Granular; ≥99.0%; (NH₄)₂SO₄; F.W. 132.14; CAS [7783-20-2]; Melting Point: 280°C; Density: 1.77g/mL



Ammonium Phosphate Dibasic Certified ACS

Quantity	Packaging	Cat. No.
500g	Poly Bottle	A686-500

Crystalline; ≥98.0%; Ammonium Monohydrogen Phosphate, Diammonium Hydrogen Phosphate, Phosphoric Acid, Diammonium Salt; (NH₄)₂HPO₄; F.W. 132.06; CAS [7783-28-0]; Melting Point: 235°C; Density: 1.62g/mL



Ammonium Sulfate Laboratory Grade

Quantity	Packaging	Cat. No.
3kg	Glass Bottle	A701-3
50kg	Fiber Drum	A701-50

Granular; (NH₄)₂SO₄; F.W. 132.14; CAS [7783-20-2]; Melting Point: 280°C; Density: 1.77g/mL



Ammonium Phosphate Monobasic Certified ACS

Quantity	Packaging	Cat. No.
500g	Glass Bottle	A684-500
3kg	Poly Bottle	A684-3

Crystalline; ≥98.0%; Ammonium Acid Phosphate, Ammonium Dihydrogen Phosphate; NH₄H₂PO₄; F.W. 115.03; CAS [7722-76-1]; Melting Point: 190°C; Density: 1.8g/mL



Ammonium Sulfate Pure

Quantity	Packaging	Cat. No.
5kg	Plastic Bottle	AC44645-0050

99%; H₃N₂O₄S; (NH₄)₂SO₄; F.W. 132.14; CAS [7783-20-2]; Melting Point: 280.0°C

Ammonium Sulfate Extra Pure

Quantity	Packaging	Cat. No.
5kg	Plastic Bottle	AC43438-0050

99%; H₃N₂O₄S; (NH₄)₂SO₄; F.W. 132.14; CAS [7783-20-2]; Melting Point: 280.0°C

Ammonium Phosphate Monobasic HPLC Grade

Quantity	Packaging	Cat. No.
500g	Glass Bottle	A685-500

Crystalline; ≥98.0%; Phosphoric Acid Monoammonium Salt, Ammonium Dihydrogen Phosphate; NH₄H₂PO₄; F.W. 115.03; CAS [7722-76-1]; Melting Point: 190°C; Density: 1.8g/mL; Also meets ACS specifications;



Ammonium Phosphate Monobasic ACS Grade, EP

Quantity	Packaging	Cat. No.
12kg	Poly Pail	MAX13507

99.0% min.; Ammonium Biphosphate, Ammonium Phosphate Monobasic, Monoammonium Orthophosphate; H₃NO₄P; (NH₄)H₂PO₄; F.W. 115.2; CAS [7722-76-1]; Melting Point: 19°C; Density: 1.80g/cm³ (20°C); EMSURE™, For Analysis;

Ammonium Phosphate Monobasic HPLC Grade

Quantity	Packaging	Cat. No.
1kg	Wide Mouth Amber Glass Bottle	02002318

Crystal; NH₄H₂PO₄; F.W. 115.03; CAS [7722-76-1]; Meets ACS Reagent Chemical Requirements

Ammonium Sulfate Primary Standard

Quantity	Packaging	Cat. No.
500g	Glass Bottle	A938-500

Crystalline; 20.98 to 21.38%; (NH₄)₂SO₄; F.W. 132.14; CAS [7783-20-2]; Melting Point: 280°C; Density: 1.77g/mL



Ammonium Sulfate, 99.0% ACS Grade

Quantity	Packaging	Cat. No.
12kg	Poly Pail	MAX13855

Crystalline; H₃N₂O₄S; (NH₄)₂SO₄; F.W. 132.14; CAS [7783-20-2]; Density: 1.77g/cm³ (20°C); Suprapur™

Antimony Trichloride ACS Reagent

Quantity	Packaging	Cat. No.
2.5kg	Glass Bottle	AC40137-0025

White Powder, Crystals and/or Chunks; Antimonous Chloride, Antimony(III) Chloride, Trichlorostibine; Cl₃Sb; SbCl₃; F.W. 228.11; CAS [10025-91-9]; Melting Point: 73°C; Boiling Point: 223.0°C; UN: 1733

Barium Chloride, Anhydrous Laboratory Grade

Quantity	Packaging	Cat. No.
100g	Poly Bottle	B31-100C
500g	Poly Bottle	B31-500

Granular; ≥97%; BaCl₂; F.W. 208.23; CAS [10361-37-2]; Melting Point: 960°C; Boiling Point: 1560°C; Density: 3.86g/mL; DOT Class 6.1: Poison; UN: 1564



Barium Chloride Dihydrate Certified ACS



Quantity	Packaging	Cat. No.
100g	Poly Bottle	B34-100
500g	Poly Bottle	B34-500
3kg	Poly Bottle	B34-3
10kg	Poly Pail	B34-10

Crystalline; $\geq 99.0\%$; $\text{BaCl}_2 \cdot 2\text{H}_2\text{O}$; F.W. 244.26; CAS [10326-27-9]; Melting Point: 962°C ; Boiling Point: 1560°C ; Density: 3.86g/mL ; DOT Class 6.1: Poison; UN: 1564



Barium Chloride Dihydrate Technical Grade



Quantity	Packaging	Cat. No.
10kg	Poly Pail	B33-10
50kg	Fiber Drum	B33-50

Crystalline; $\text{BaCl}_2 \cdot 2\text{H}_2\text{O}$; F.W. 244.26; CAS [10326-27-9]; Melting Point: 962°C ; Boiling Point: 1560°C ; Density: 3.86g/mL ; DOT Class 6.1: Poison; UN: 1564



Barium Chloride Solution



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SB10-1

10% w/w; CAS [10361-37-2, 7732-18-5]; Density: 0.7 (Water = 1.0); Soluble in water



Barium Hydroxide Octahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	B46-500

Crystalline; $\geq 98.0\%$; $\text{Ba}(\text{OH})_2 \cdot 8\text{H}_2\text{O}$; F.W. 315.46; CAS [12230-71-6]; Melting Point: 78°C ; Density: 2.18g/mL ; DOT Class 8: Corrosive; UN: 2923



Barium Nitrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	B53-500

White Crystalline Powder; $\geq 99.0\%$; Nitric Acid Barium Salt; $\text{Ba}(\text{NO}_3)_2$; F.W. 261.35; CAS [10022-31-8]; Melting Point: 592°C ; Density: 3.24g/mL ; DOT Class 5.1: Oxidizer; UN: 1446



Barium Sulfate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	B68-500

Powder; BaSO_4 ; F.W. 233.39; CAS [7727-43-7]; Melting Point: 1580°C ; Density: 4.4g/mL



Bismuth(III) Bromide



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC44777-1000

98%; BiBr_3 ; F.W. 448.69; CAS [7787-58-8]; Melting Point: 218.0°C ; Boiling Point: 453.0°C

Bismuth Nitrate Pentahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	B337-500

Crystalline; $\geq 98.0\%$; $\text{Bi}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$; F.W. 485.07; CAS [10035-06-0]; Melting Point: 30°C ; Density: 2.83g/mL ; DOT Class 5.1: Oxidizer; UN: 1477



Bismuth(III) Oxide



Quantity	Packaging	Cat. No.
250g	----	AA1713230

-325 Mesh Powder; 99.9% (Metal Basis); Bi_2O_3 ; F.W. 465.96; CAS [1304-76-3]; Melting Point: 817°C ; Boiling Point: 1890°C ; Density: 8.9

Bismuth(III) Oxide Pure



Quantity	Packaging	Cat. No.
5kg	Glass Bottle	AC19262-0050

White to Slightly Gray Powder; 98+%; Bismuth trioxide; Bi_2O_3 ; F.W. 465.95; Melting Point: 825.0°C ; Density: 8.9000g/mL

Bismuth(III) Oxychloride Pure



Quantity	Packaging	Cat. No.
1kg	Plastic Bottle	AC45384-0010

97%; Bismuthyl Chloride; BiClO ; O= BiCl ; F.W. 260.43; CAS [7787-59-9]

Boron Oxide



Quantity	Packaging	Cat. No.
500g	----	AA8996436

Powder; 99.98% (Metal Basis); B_2O_3 ; F.W. 69.62; CAS [1303-86-2]; Melting Point: 450°C ; Boiling Point: 1860°C ; Density: 2.46g/cm^3 ; White

Bromine ACS Reagent



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC44587-1000
500g	Glass Bottle	AC44587-5000

Br_2 ; F.W. 159.82; CAS [7726-95-6]; Melting Point: -7.2°C ; Boiling Point: 58.7°C ; Density: 3.1110g/mL

Bromine Certified ACS



Quantity	Packaging	Cat. No.
50mL	Amber Glass Bottle	B385-50
250mL	Amber Glass Bottle	B385-250

$\geq 99.5\%$; Br_2 ; F.W. 159.81; CAS [7726-95-6]; Melting Point: -7.2°C ; Boiling Point: 58.7°C ; Density: 3.11g/mL ; DOT Class 8: Corrosive; UN: 1744; Atomic Weight: 79.91



Bromine, Liquid ACS Grade



Quantity	Packaging	Cat. No.
100g	----	AA3322022

Liquid; 99.5%; CAS [7726-95-6]; Melting Point: -7.3°C ; Boiling Point: 58.7°C ; Density: 3.12g/cm^3 at 20°C ; UN: 1744; Red to Brown

Calcium Acetate Monohydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	C46-500

Powder; Acetic Acid Calcium Salt; $\text{Ca}_2\text{H}_3\text{O}_2 \cdot \text{H}_2\text{O}$;
 $\text{Ca}(\text{CH}_3\text{COO})_2 \cdot \text{H}_2\text{O}$; **F.W.** 176.18; CAS [5743-26-0];
Melting Point: 160.00°C; **Density:** 1.5g/mL

ChemAlert®
Storage Code
GRAY

Calcium Chloride Dihydrate USP/FCC/EP



Quantity	Packaging	Cat. No.
500g	Poly Bottle	C69-500

White Crystalline Powder; $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$; **F.W.** 147.01;
CAS [10035-04-8]; **Melting Point:** 175°C; **Density:** 0.83g/mL

ChemAlert®
Storage Code
GRAY

Calcium Carbonate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	C64-500
3kg	Poly Pail	C64-3

Powder; ≥99.0%; Kalkspar, Carbonic Acid Calcium Salt;
 CaCO_3 ; **F.W.** 100.09; CAS [471-34-1]; **Melting Point:** 825°C;
Density: 2.7g/mL

ChemAlert®
Storage Code
GRAY

Calcium Chloride Dihydrate ACS Reagent



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC42352-0025

≥99%; $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$; **F.W.** 147.02; CAS [10035-04-8];
Melting Point: 175.0°C; **Density:** 0.8300g/mL

Calcium Carbonate USP/FCC



Quantity	Packaging	Cat. No.
3kg	Poly Pail	C63-3
10kg	Fiber Drum	C63-10

Powder; Chalk, Precipitated; CaCO_3 ; **F.W.** 100.09;
CAS [471-34-1]; **Melting Point:** 825°C; **Density:** 2.7g/mL

ChemAlert®
Storage Code
GRAY

Calcium Chloride Dihydrate Biochemical Grade



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC44732-5000
2.5kg	Plastic Bottle	AC44732-0025

99%; $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$; **F.W.** 147.02; CAS [10035-04-8];
Melting Point: 175.0°C; **Density:** 0.8300g/mL

Calcium Carbonate ACS

Afa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA3639922
500g	----	AA3639936

Powder; 99.95-100.05%; CaCO_3 ; **F.W.** 100.09; CAS [471-34-1];
Melting Point: 800°C; **Density:** 2.93g/cm³ at 20°C; White
Solubility in water: Insoluble

ChemAlert®
Storage Code
GRAY

Calcium Chloride Hexahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	C78-500

Crystalline; 99 to 103%; $\text{CaCl}_2 \cdot 6\text{H}_2\text{O}$; **F.W.** 219.08;
CAS [7774-34-7]; **Melting Point:** 30°C; **Density:** 1.71g/mL

ChemAlert®
Storage Code
GRAY

Calcium Hypochlorite Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	C100-500

Granular; Chlorinated Lime, Calcium Oxychloride,
Hypochlorous Acid Calcium Salt; $\text{CaCl}_2 \cdot \text{O}_2$; $\text{Ca}(\text{OCl})_2$;
F.W. 142.98; CAS [7778-54-3]; **Melting Point:** 100°C (212°F);
Density: 2.35g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1748

ChemAlert®
Storage Code
YELLOW

Calcium Chloride ACS Reagent



Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC20679-5000

CaCl_2 ; **F.W.** 110.98; CAS [10043-52-4]; **Melting Point:** 782.0°C;
Boiling Point: >1600.0°C

Calcium Chloride ACS Grade

Afa Aesar

Quantity	Packaging	Cat. No.
250g	----	AA8986630

Powder; ≥96.0%; CaCl_2 ; **F.W.** 110.99; CAS [10043-52-4];
Melting Point: 782°C; **Boiling Point:** >1600°C

Calcium Nitrate Tetrahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	C109-500
3kg	Poly Bottle	C109-3

Crystalline; 99 to 103%; $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$; **F.W.** 236.15; CAS [13477-34-4];
Melting Point: 45°C; **Density:** 1.82g/mL; **DOT Class 5.1:** Oxidizer;
UN: 1454

Calcium Chloride Dihydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	C79-500
3kg	Poly Bottle	C79-3

99.0 to 105.0%; $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$; **F.W.** 147.01; CAS [10035-04-8];
Melting Point: 175°C; **Density:** 0.83g/mL

ChemAlert®
Storage Code
GRAY

Calcium Oxide Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	C117-500

Powder; Lime, Quicklime, Burnt Lime, Lime, Unslaked; CaO ;
F.W. 56.08; CAS [1305-78-8]; **Melting Point:** 2570°C;
Boiling Point: 2850°C; **Density:** 3.3g/mL;
DOT Class 8: Corrosive; **UN:** 1910

ChemAlert®
Storage Code
WHITE

Calcium Chloride Dihydrate USP/FCC



Quantity	Packaging	Cat. No.
500g	Poly Bottle	C70-500

Fine White Granules; $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$; **F.W.** 147.01;
CAS [10035-04-8]; **Melting Point:** 175°C; **Density:** 0.83g/mL

ChemAlert®
Storage Code
GRAY

Calcium Phosphate



Quantity	Packaging	Cat. No.
1kg	Glass Bottle	AC44639-0010

96%; $\text{Ca}_3\text{O}_8\text{P}_2$; **F.W.** 310.18; CAS [7758-87-4]; **Melting Point:** 1670°C

Calcium Sulfate Dihydrate Extra Pure

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	1kg	Plastic Bottle	AC44638-0010
	5kg	Plastic Bottle	AC44638-0050
≥98%; CaSO ₄ ·2H ₂ O; FW. 172.17; CAS [10101-41-4]			

Calcium Sulfate Dihydrate ACS Reagent

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	500g	Plastic Bottle	AC31525-5000
≥98%; CaSO ₄ ·2H ₂ O; FW. 172.17; CAS [10101-41-4];			

Ceric Ammonium Nitrate Certified ACS

F	Quantity	Packaging	Cat. No.
	500g	Amber Glass Bottle	C248-500
Crystalline; ≥98.5%; Cerium (IV) Ammonium Nitrate; Ce(NO ₃) ₂ ·2NH ₄ NO ₃ ; (NH ₄) ₂ Ce(NO ₃) ₆ ; FW. 548.22; CAS [16774-21-3]; Melting Point: 107° to 108°C (224.6° to 226.4°F); DOT Class 5.1: Oxidizer; UN: 1477			
			ChemAlert! Storage Code YELLOW

Ceric Sulfate Solution, 0.1N (N/10) Certified ACS

F	Quantity	Packaging	Cat. No.
	1L	Glass Bottle	SC66-1
Cerium (IV) Sulfate Solution, 0.1N; CAS [13590-82-4, 7664-93-9, 7732-18-5]; Density: 1.1g/mL; DOT Class 8: Corrosive; UN: 2796			
			ChemAlert! Storage Code WHITE

Cerium(III) Nitrate Hexahydrate

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	100g	Plastic Bottle	AC218691000
	500g	Plastic Bottle	AC218695000
	2.5kg	Plastic Bottle	AC218690025

Colorless to White Crystalline Powder or Agglomerating Crystals; 99.5%; CeN₃O₉·6H₂O; Ce(NO₃)₃·6H₂O; **FW.** 434.22; **UN:** 1477

Cerium(III) Nitrate Hexahydrate

Alfa Aesar	Quantity	Packaging	Cat. No.
	50g	----	AA1133018
Crystalline Aggregates; 99.99% (REO); CeN ₃ O ₉ ·6H ₂ O N ₃ Na ₂ O; FW. 434.23 (326.13 anhy); CAS [10294-41-4]			

Cerium(IV) Ammonium Nitrate ACS Grade

Alfa Aesar	Quantity	Packaging	Cat. No.
	2kg	----	AA33254A3
Granular; 98.5%; (NH ₄) ₂ Ce(NO ₃) ₆ ; FW. 548.23; CAS [16774-21-3]			

Cerium(IV) Oxide

Alfa Aesar	Quantity	Packaging	Cat. No.
	250g	----	AA1132830
5 Micron Powder; 99.9% (REO); CeO ₂ ; FW. 172.12; CAS [1306-38-3]; Melting Point: 2600°C; Density: 7.132g/mL			

Cerium(IV) Oxide

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	2.5kg	Plastic Bottle	AC19912-0025
99.9% (Trace Metal Basis); Cerium dioxide; CeO ₂ ; FW. 172.12; CAS [1306-38-3]; Melting Point: 2600.0°C; Density: 7.1300g/mL			

Cesium Carbonate

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	2.5kg	Plastic Bottle	AC19204-0025
99.5%; CCs ₂ O ₃ ; Cs ₂ CO ₃ ; FW. 325.82; CAS [534-17-8]; Melting Point: 610.0°C; Density: 4.072g/mL			

Cesium Carbonate

Alfa Aesar	Quantity	Packaging	Cat. No.
	25g	----	AA1211714
Powder; 99.994% (Metal Basis); Cs ₂ CO ₃ ; FW. 325.82; CAS [534-17-8]; Melting Point: 610°C; Density: 4.072g/cm ³ at 20°C; White			

Cesium Carbonate

Alfa Aesar	Quantity	Packaging	Cat. No.
	250g	----	AA1288730
Powder or Granular; 99% (Metal Basis); Cs ₂ CO ₃ ; FW. 325.82; CAS [534-17-8]; Melting Point: 610°C; Density: 4.072g/mL			

Cesium Chloride Certified ACS

F	Quantity	Packaging	Cat. No.
	25g	Glass Bottle	C24-25
Crystalline; ≥99.9%; CsCl; FW. 168.36; CAS [7647-17-8]; Melting Point: 646°C; Boiling Point: 1303°C; Density: 3.99g/mL			
			ChemAlert! Storage Code GRAY

Cesium Chloride

Alfa Aesar	Quantity	Packaging	Cat. No.
	100g	----	AA1099322
Crystalline; 99.999% (Metal Basis); CsCl; FW. 168.36; CAS [7647-17-8]; Melting Point: 646°C; Boiling Point: 1303°C; Density: 3.99g/cm ³ at 20°C; White			

Cesium Chloride Pure

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	500g	Glass Bottle	AC42285-5000
≥99%; ClCs; CsCl; FW. 168.36; CAS [7647-17-8]; Melting Point: 646.0°C; Boiling Point: 1290.0°C			

Cesium Chloride Ultrapure Bioreagent

J.T.Baker	Quantity	Packaging	Cat. No.
	1kg	Poly Bottle	02002569
CsCl; FW. 168.36; CAS [7647-17-8]			

Cesium Nitrate

Afa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA1444022

Crystalline; 99.99% (Metal Basis); CsNO₃; **F.W.** 194.91; CAS [7789-18-6]; **Melting Point:** 414°C; **Density:** 3.68g/cm³ at 20°C; **UN:** 1451; White

Cesium Nitrate

ACROS
ORGANICS

Quantity	Packaging	Cat. No.
1kg	Glass Bottle	AC19207-0010

White Crystalline Powder or Crystals; 99.99% (Trace Metal Basis); CsNO₃; **F.W.** 194.91

Chloroplatinic Acid Hexahydrate

Certified ACS

F

Quantity	Packaging	Cat. No.
1g	Glass Ampule	P154-1

Dihydrogen Hexachloroplatinum (IV) Hexahydrate; H₂PtCl₆·6H₂O; **F.W.** 517.91; CAS [18497-13-7, 16941-12-1, 26023-84-7]; **Melting Point:** 60°C; **Density:** 2.43g/mL; **DOT Class 8:** Corrosive; **UN:** 2507

ChemAlert®
Storage Code
WHITE

Chromic Chloride Hexahydrate

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	C325-500

Chromium (III) Chloride Hexahydrate; CrCl₃·6H₂O; **F.W.** 266.45; CAS [10060-12-5]; **Melting Point:** 83°C; **Density:** 1.76g/mL

ChemAlert®
Storage Code
GRAY

Chromic Nitrate Nonahydrate

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	C331-500

Crystalline; Chromium (III) Nitrate Nonahydrate; Cr(NO₃)₃·9H₂O; Cr(NO₃)₃·9H₂O; **F.W.** 400.15; CAS [7789-02-8]; **Melting Point:** 140°C; **Boiling Point:** 100°C (decomposes); **Density:** 1.8g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 2720

ChemAlert®
Storage Code
YELLOW

Chromic Oxide

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	C334-500

Powder; Chrome Green, Chromic Sesquioxide, Chromium (III) Oxide; Cr₂O₃; **F.W.** 151.99; CAS [1308-38-9]; **Melting Point:** 2435°C; **Boiling Point:** 4000°C; **Density:** 5.21g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1463; **C.I.** 77288

ChemAlert®
Storage Code
YELLOW

Chromic Oxide

Technical Grade

F

Quantity	Packaging	Cat. No.
3kg	Glass Bottle	C333-3

Powder; Chromic Sesquioxide, Chromium (III) Oxide; Cr₂O₃; **F.W.** 151.99; CAS [1308-38-9]; **Melting Point:** 2435°C; **Boiling Point:** 4000°C; **Density:** 5.21g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1463; **C.I.** 77288

ChemAlert®
Storage Code
YELLOW

Chromium Chloride

BAKER ANALYZED™ Reagent

J.T.Baker®

Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	02002599

CrCl₃·6H₂O; **F.W.** 266.45; CAS [10060-12-5]; X-Hydrate

Chromium Trioxide

Certified ACS

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	A100-100
500g	Glass Bottle	A100-500
2.5kg	Glass Bottle	A100-212

Crystalline; ≥98.0%; Chromium (VI) Oxide, Chromic Acid Anhydride; CrO₃; **F.W.** 99.99; CAS [1333-82-0]; **Melting Point:** 196.1°C; **Boiling Point:** 250°C; **Density:** 3.4; **DOT Class 5.1:** Oxidizer; **UN:** 1463

ChemAlert®
Storage Code
YELLOW

Chromium Trioxide

Technical Grade

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	A98-500

Flakes; Chromic Acid Anhydride; CrO₃; **F.W.** 99.99; CAS [1333-82-0]; **Melting Point:** 196.1°C; **Boiling Point:** 250°C; **Density:** 3.4; **DOT Class 5.1:** Oxidizer; **UN:** 1463

ChemAlert®
Storage Code
YELLOW

Cobalt(II) Chloride Hexahydrate

Afa Aesar

Quantity	Packaging	Cat. No.
1kg	----	AA11344A1

Red-Purple Crystals; 99.9% (Metals Basis); Cl₂Co·6H₂O; **F.W.** 237.93 (129.84 anhy); CAS [7791-13-1]; **Melting Point:** 87°C (189°F); **Density:** 1.94g/cm³; **UN:** 3077

Cobalt(II) Nitrate Hexahydrate

ACS Grade

Afa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA3641836

Crystalline Powder; 98.0 to 102.0%; Co(NO₃)₂·6H₂O; **F.W.** 291.04 (182.94 anhy); CAS [10026-22-9]; **Melting Point:** 55° to 56°C (131 to 133°F); **Density:** 1.87g/cm³; **UN:** 1477; Red; As a battery additive, in the manufacture of cobalt pigments and invisible inks, for decorating stoneware and porcelain, and in the preparation of catalysts

Cobaltous Acetate Tetrahydrate

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	C364-500

Crystalline; Acetic Acid Cobalt Salt, Cobalt (II) Acetate; C₄H₆CoO₄·4H₂O; Co(CH₃COO)₂·4H₂O; **F.W.** 249.08; CAS [6147-53-1]; **Melting Point:** 140°C; **Density:** 1.7g/mL; **DOT Class 9:** Miscellaneous; **UN:** 3077

ChemAlert®
Storage Code
GRAY

Cobaltous Chloride Hexahydrate

Certified ACS

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	C371-100
500g	Glass Bottle	C371-500

Crystalline; 98.0 to 102.0%; Cobalt (II) Chloride; CoCl₂·6H₂O; **F.W.** 237.93; CAS [7791-13-1]; **Melting Point:** 87°C (189°F); **Boiling Point:** 1048.9°C; **Density:** 1.92g/mL; **DOT Class 6.1:** Poison; **UN:** 3288

ChemAlert®
Storage Code
BLUE

Cobaltous Nitrate Hexahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	C378-500

Crystalline; 98.0 to 102.0%; Cobalt (II) Nitrate; $\text{CoH}_{12}\text{N}_2\text{O}_{12}$; $\text{Co}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$; **F.W.** 291.03; CAS [10026-22-9]; **Melting Point:** 55° to 56°C; **Density:** 1.88g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1477

ChemAlert® Storage Code
YELLOW

Cobaltous Sulfate Heptahydrate Certified



Quantity	Packaging	Cat. No.
500g	Glass Bottle	C386-500

Crystalline; ≥97.0%; Cobalt (II) Sulfate; $\text{CoSO}_4 \cdot 7\text{H}_2\text{O}$; **F.W.** 281.1; CAS [10026-24-1]; **Melting Point:** 96.67°C; **Boiling Point:** 420.00°C; **Density:** 1.95g/mL

ChemAlert® Storage Code
GRAY

Copper(II) Chloride, Anhydrous Extra Pure



Quantity	Packaging	Cat. No.
250g	Plastic Bottle	AC20653-2500

99%; Cupric Chloride; Cl_2Cu ; CuCl_2 ; **F.W.** 134.45; CAS [7447-39-4]; **Melting Point:** 498.0°C; **Boiling Point:** 993.0°C; **UN:** 2802

Copper(II) Chloride Dihydrate ACS Grade



Quantity	Packaging	Cat. No.
500g	----	AA1245836

Granular; >99%; $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$; **F.W.** 170.48 (134.45 anhy); CAS [10125-13-0]; **Melting Point:** 100°C (212°F); **Density:** 2.51g/mL

Copper(II) Chloride Dihydrate ACS Reagent



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC31528-0025

≥99%; Cupric Chloride Dihydrate; $\text{Cl}_2\text{Cu} \cdot 2\text{H}_2\text{O}$; $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$; **F.W.** 170.48; CAS [10125-13-0]; **Melting Point:** 100.0°C; **UN:** 2802

Copper(I) Iodide



Quantity	Packaging	Cat. No.
5g	----	AA4315306

Chunks/Powder; 99.998% (Metal Basis); CuI ; **F.W.** 190.45; CAS [7681-65-4]; **Melting Point:** 605°C (1121°F); **Boiling Point:** ca. 1290°C (ca. 2354°F); **Density:** 5.63g/cm³; **UN:** 3077; White to pale brown

Copper Sulfate ACS Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	LC134051

Solid; 98.0 to 102.0%; $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$; **F.W.** 249.68; CAS [7758-99-8]; **Density:** 2286kg/m³; **DOT Class 9:** Miscellaneous; **UN:** 3077

Cupric Chloride Dihydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	C455-500

Crystalline; Copper (II) Chloride; $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$; **F.W.** 170.48; CAS [10125-13-0]; **Boiling Point:** 992.78°C; **Density:** 2.54g/mL; **DOT Class 8:** Corrosive; **UN:** 2802

ChemAlert® Storage Code
WHITE

Cupric Nitrate Hemipentahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	C467-500

Crystalline; 98.0 to 102.0%; Copper (II) Nitrate; $\text{CuN}_2\text{O}_6 \cdot 2.5\text{H}_2\text{O}$; $\text{Cu}(\text{NO}_3)_2 \cdot 2.5\text{H}_2\text{O}$; **F.W.** 232.59; CAS [19004-19-4]; **Melting Point:** 255°C; **DOT Class 5.1:** Oxidizer; **UN:** 1477

ChemAlert® Storage Code
YELLOW

Cupric Sulfate USP



Quantity	Packaging	Cat. No.
2.5kg	Glass Bottle	MK4752212

Granular; $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$; **F.W.** 249.68; CAS [7758-99-8]; 5-Hydrate

Cupric Sulfate, Anhydrous Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	C495-500

≥97%; Copper (II) Sulfate Anhydrous; CuO_2S ; **F.W.** 159.61; CAS [7758-98-7]; **Melting Point:** 200°C; **Density:** 3.6g/mL; **DOT Class 9:** Miscellaneous; **UN:** 3077

ChemAlert® Storage Code
BLUE

Cupric Sulfate Pentahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	C493-500
3kg	Poly Bottle	C493-3
10kg	Poly Pail	C493-10

Fine Crystals; 98.0 to 102.0%; Vitriol, Blue, Cupric Sulfate, Copper (II) Sulfate Pentahydrate; $\text{CuO}_2\text{S} \cdot 5\text{H}_2\text{O}$; **F.W.** 249.68; CAS [7758-99-8]; **Melting Point:** 110°C (230°F); **Boiling Point:** 150°C; **Density:** 2.28g/mL; **DOT Class 9:** Miscellaneous; **UN:** 3077

ChemAlert® Storage Code
BLUE

Cupric Sulfate Pentahydrate Technical Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	C489-500
1kg	Poly Bottle	C489-1
10kg	Poly Pail	C489-10

Crystalline; Copper (II) Sulfate; $\text{CuO}_2\text{S} \cdot 5\text{H}_2\text{O}$; **F.W.** 249.68; CAS [7758-99-8]; **Melting Point:** 110°C (230°F); **Boiling Point:** 150°C; **Density:** 2.28g/mL; **DOT Class 9:** Miscellaneous; **UN:** 3077

ChemAlert® Storage Code
BLUE

Ferric Ammonium Sulfate Dodecahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	I75-500
3kg	Glass Bottle	I75-3

Crystalline; 98.5% to 102.0%; Iron Alum, Iron (III) Ammonium Sulfate Dodecahydrate, Ferric Alum; $\text{FeNH}_4\text{S}_2\text{O}_8 \cdot 12\text{H}_2\text{O}$; $\text{FeNH}_4(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$; **F.W.** 482.2; CAS [7783-83-7]; **Melting Point:** 37.22°C; **Boiling Point:** 230.00°C; **Density:** 1.71g/mL

ChemAlert® Storage Code
GRAY

Ferric Chloride Hexahydrate Certified ACS



Quantity	Packaging	Cat. No.
100g	Poly Bottle	188-100
500g	Poly Bottle	188-500

Lumps; 97 to 102%; Iron (III) Chloride; $FeCl_3 \cdot 6H_2O$; F.W. 270.3; CAS [10025-77-1]; **Melting Point:** 37°C; **Boiling Point:** 280° to 285°C (536° to 545°F); **Density:** 1.82g/mL; **DOT Class 8:** Corrosive; **UN:** 1773



Ferric Chloride Hexahydrate ACS Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	LC142901

Solid; 97.0 to 102.0%; $FeCl_3 \cdot 6H_2O$; F.W. 270.3; CAS [10025-77-1]; **Melting Point:** 37°C; **Boiling Point:** 280°C; **DOT Class 8:** Corrosive; **UN:** 3260; Yellow-brown Lumps

Ferric Chloride Hexahydrate Technical Grade



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	186-3
10kg	Poly Pail	186-10

Lumps; Iron (III) Chloride; $FeCl_3 \cdot 6H_2O$; F.W. 270.3; CAS [10025-77-1]; **Melting Point:** 37°C; **Boiling Point:** 280° to 285°C (536° to 545°F); **Density:** 1.82g/mL; **DOT Class 8:** Corrosive; **UN:** 1773;



Ferric Chloride Solution, 0.025% (w/v)



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SF97-1

Iron (III) Chloride Solution, 0.025% w/v; CAS [7705-08-0, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; **DOT Class 8:** Corrosive; **UN:** 2582; Suitable for biochemical oxygen demand.



Ferric Nitrate Nonahydrate Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	I110-100
500g	Glass Bottle	I110-500
3kg	Glass Bottle	I110-3

Crystalline; 98.0 to 101.0%; Iron (III) Nitrate; $Fe(NO_3)_3 \cdot 9H_2O$; $Fe(NO_3)_3 \cdot 9H_2O$; F.W. 404.00; CAS [7782-61-8]; **Melting Point:** 47°C (117°F); **Density:** 1.68g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1466



Ferrous Ammonium Sulfate Hexahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	I77-500
2.5kg	Poly Bottle	I77-212

Crystalline; 98.5 to 101.5%; Mohr Salt, Iron (II) Ammonium Sulfate Hexahydrate; $Fe(NH_4)_2(SO_4)_2 \cdot 6H_2O$; F.W. 392.14; CAS [7783-85-9]; **Melting Point:** 100°C (dec); **Density:** 1.87g/mL



Ferrous Chloride BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
2.5kg	Wide Mouth Amber Glass Bottle	02002871

Crystal; $FeCl_2 \cdot 4H_2O$; F.W. 198.81; CAS [13478-10-9]; 4-Hydrate Meets USP Requirements

Ferrous Chloride Tetrahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	I90-500

Crystalline; 99 to 102%; Iron (II) Chloride Tetrahydrate, Ferrous Protochloride; $Cl_2Fe \cdot 4H_2O$; F.W. 198.81; CAS [13478-10-9]; **Melting Point:** 105° to 110°C (221° to 230°F); **Density:** 1.93g/mL; **DOT Class 8:** Corrosive; **UN:** 1759



Ferrous Sulfate Heptahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	I146-500
3kg	Poly Bottle	I146-3
10kg	Poly Pail	I146-10

Crystalline; ≥99.0%; Iron (II) Sulfate; $FeSO_4 \cdot 7H_2O$; F.W. 278.01; CAS [7782-63-0]; **Melting Point:** 64°C; **Boiling Point:** 300°C; **Density:** 1.9g/mL

Gallium(III) Chloride



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC44410-0050

≥99.99% (Trace Metal Basis); Cl_3Ga ; $GaCl_3$; F.W. 176.08; CAS [13450-90-3]; **Melting Point:** 78.0°C; **Boiling Point:** 201.0°C

Gallium(III) Nitrate Hydrate



Quantity	Packaging	Cat. No.
25g	----	AA3211614

Various Forms (Powder/Flake/Crystalline/Beads/Lump, etc.); 99.9% (Metal Basis); $Ga(NO_3)_3 \cdot xH_2O$; F.W. 255.73 (anhyd); CAS [69365-72-6]; **Melting Point:** 110°C (230°F); **UN:** 1477; White

Germanium Dioxide



Quantity	Packaging	Cat. No.
250g	Glass Bottle	AC19000-2500

99.999%; Trace Metal Basis; GeO_2 ; F.W. 104.59; CAS [1310-53-8]; **Melting Point:** 1115.0°C

Gold(III) Acetate



Quantity	Packaging	Cat. No.
0.5g	----	AA3974202
1g	----	AA3974203
5g	----	AA3974206

Powder; 99.9% (Metal Basis); $Au(O_2CCH_3)_3$; F.W. 374.1; CAS [15804-32-7]; Brown; Solubility in water: slight

Gold(III) Chloride



Quantity	Packaging	Cat. No.
5g	----	AA4336006

Crystalline; 99.99% (Metal Basis); $AuCl_3$; F.W. 303.33; CAS [13453-07-1]; **Melting Point:** 160°C (320°F); **Density:** 3.90g/cm³; **UN:** 3260; Red

Hafnium(IV) Chloride



Quantity	Packaging	Cat. No.
100g	----	AA4561222

White Powder; 99.9% (Metals Basis); Cl_4Hf ; F.W. 320.3; CAS [13499-05-3]; **Melting Point:** 320°C (608°F); **UN:** 3260; White

Hafnium(IV) Oxide

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AA1183514
100g	----	AA1183522

-325 Mesh Powder; 99% (Metal Basis); HfO₂; **FW**: 210.49; CAS [12055-23-1]; **Melting Point**: 2774°C; **Density**: 9.68g/mL

Hydrogen Chloride

Pure

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
2.5L	Plastic Bottle	AC13370-0025

ClH; HCl; **FW**: 36.45; CAS [7647-01-0, 67-63-0]; **Flash Point**: 11°C; **Density**: 0.9090g/mL

Hydrogen Hexachloroplatinate(IV) Hydrate

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC19537-0250

H₂Cl₆Pt·xH₂O; H₂PtCl₆·xH₂O; **FW**: 409.82; CAS [26023-84-7]; **Melting Point**: 60.0°C; **UN**: 2507

Indium(III) Acetate

Alfa Aesar

Quantity	Packaging	Cat. No.
50g	----	AA4223018

Powder; 99.99% (Metal Basis); In(OOCCCH₃)₃; **FW**: 291.96; CAS [25114-58-3]

Indium(III) Oxide

Alfa Aesar

Quantity	Packaging	Cat. No.
250g	----	AA1258130

Powder; 99.994% (Metal Basis); In₂O₃; **FW**: 277.64; CAS [1312-43-2]; **Melting Point**: 850°C (1562°F); **Density**: 7.18g/cm³; Yellow

Iodine

Certified ACS

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	I37-100
500g	Glass Bottle	I37-500

Flakes; ≥99.8%; I₂; **FW**: 253.81; CAS [7553-56-2]; **Melting Point**: 113°C; **Boiling Point**: 184°C; **Density**: 4.93g/mL; **DOT Class 8**: Corrosive; **UN**: 1759; **Atomic Weight**: 126.90

ChemAlert™
Storage Code
WHITE

Iodine

USP

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	I35-100
500g	Glass Bottle	I35-500

Resublimed Crystals; 99.8% to 100.5%; I₂; **FW**: 253.81; CAS [7553-56-2]; **Melting Point**: 113°C; **Boiling Point**: 184°C; **Density**: 4.93g/mL; **DOT Class 8**: Corrosive; **UN**: 1759; **Atomic Weight**: 126.90

ChemAlert™
Storage Code
WHITE

Iodine

ACS Reagent

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC42382-0050
500g	Glass Bottle	AC42382-5000

Gray Prills; 99.8+%; I₂; I₂; **FW**: 253.81; CAS [7553-56-2]; **Melting Point**: 113°C; **Boiling Point**: 185.0°C; **UN**: 3495

Iodine

Extra Pure

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC19656-1000
500g	Glass Bottle	AC19656-5000

Dark Gray Lustrous Flakes or Spheres; 99.5%; I₂; **FW**: 253.81; CAS [7553-56-2]; **Melting Point**: 113°C; **Boiling Point**: 185.0°C

Iodine

ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA4195522
500g	----	AA4195536

Dark Gray/Purple Prills or Crystals; 99.8%; I₂; **FW**: 253.81; CAS [7553-56-2]; **Melting Point**: 183° to 186°C (361° to 367°F); **Density**: 4.930g/cm³; **UN**: 3495; Bluish-black

Iodine

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AA1061914

Resublimed Crystals; 99.9985% (Metal Basis); I₂; **FW**: 253.81; CAS [7553-56-2]; **Boiling Point**: 183° to 186°C (361° to 367°F); **Density**: 4.93g/cm³ at 20°C; **UN**: 3495; Bluish-black

Iodine

ACS Grade

M
END HELLPORE

Quantity	Packaging	Cat. No.
500g	Glass Bottle	MIX01201

I₂; **FW**: 253.8; CAS [7553-56-2]; **Melting Point**: 114°C; **Boiling Point**: 185°C (1013 hPa); **Density**: 4.93g/cm³ (20°C); Suprapur™

Iodine, Crystalline

Alfa Aesar

Quantity	Packaging	Cat. No.
250g	----	AA0015830

Solid; >99.99% (Metal Basis); I₂; **FW**: 253.81; CAS [7553-56-2]; **Melting Point**: 183° to 186°C subl.; **Density**: 4.93g/cm³

Iodine Chloride

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA3910422

Crystalline/Liquid; ICl; **FW**: 162.36; CAS [7790-99-0]; **Melting Point**: 25 to 27°C; **Boiling Point**: 96 to 98°C; **Density**: 3.1822g/cm³

Iodine Monochloride Solution

MACRON
THE CHEMICAL SOURCE

Quantity	Packaging	Cat. No.
4L	----	MKH1804

Red-Brown Liquid; Iodine(I) chloride, Chloriodane; ICl; **FW**: 162.35; **Melting Point**: 27.2°C; **Boiling Point**: 97.4°C

Iron(II) Acetate, Anhydrous

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AA3114014

Light Brown Powder/Lump; Fe(OOCCCH₃)₂; **FW**: 173.94; CAS [3094-87-9]; **Melting Point**: 190° to 200°C (374° to 392°F); Light Brown

Iron(II) Chloride



Quantity	Packaging	Cat. No.
250g	Glass Bottle	AC38935-2500

99%; Ferrous chloride; Cl_2Fe ; FeCl_2 ; **FW.** 126.75; CAS [7758-94-3];
Melting Point: 677.0°C; **Boiling Point:** 1026.0°C; **UN:** 3260

Iron(II) Chloride, Anhydrous

Alfa Aesar

Quantity	Packaging	Cat. No.
50g	----	AA3114118

Powder; 99.5% (Metal Basis); Cl_2Fe ; **FW.** 126.75; CAS [7758-94-3];
Melting Point: 674°C (1245°F); **Boiling Point:** 1023°C (1873°F);
Density: 3.16g/cm³; **UN:** 3260; Off-white

Iron(III) Nitrate Hydrate

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AA1071514

Crystalline Aggregates; 99.999% (Metal Basis); $\text{Fe}(\text{NO}_3)_3 \cdot x\text{H}_2\text{O}$ ($x \approx 9$);
FW. 241.86; CAS [7782-61-8]; **Melting Point:** 47°C (117°F);
Boiling Point: 125°C (257°F); **Density:** 1.684g/cm³; **UN:** 1466;
Pale purple

Iron Nitride

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA8819822

Powder; Fe_3N ($x \approx 2-4$); CAS [37245-77-5]; Gray; -325 Mesh

Lanthanum Chloride Heptahydrate

Certified ACS



Quantity	Packaging	Cat. No.
50g	Poly Bottle	L9-50
250g	Poly Bottle	L9-250

Lumps; $\text{Cl}_3\text{La} \cdot 7\text{H}_2\text{O}$; **FW.** 371.37; CAS [10025-84-0];
Melting Point: 91°C (196°F)
Suitable for atomic absorption analysis of alkaline earths.



Lanthanum(III) Chloride Heptahydrate

Alfa Aesar

Quantity	Packaging	Cat. No.
1kg	----	AA11268A1

Wet Crystalline Aggregates; 99.99% (REO); $\text{LaCl}_3 \cdot 7\text{H}_2\text{O}$;
FW. 371.37 (245.27 anhy); CAS [10025-84-0];
Melting Point: 91°C (196°F); White

Lanthanum(III) Oxide

Alfa Aesar

Quantity	Packaging	Cat. No.
250g	----	AA1126430

White Powder/Lump; 99.99% (REO); La_2O_3 ; **FW.** 325.82;
CAS [1312-81-8]; **Melting Point:** 2307°C (4185°F);
Boiling Point: 4200°C (7592°F); **Density:** 6.51g/cm³ at 20°C; White

Lanthanum(III) Oxide



Quantity	Packaging	Cat. No.
1kg	Glass Bottle	AC19329-0010

99.99%; Trace Metal Basis; La_2O_3 ; **FW.** 325.82; CAS [1312-81-8];
Melting Point: 2315.0°C; **Boiling Point:** 4200.0°C

Lead Acetate Trihydrate

Certified ACS



Quantity	Packaging	Cat. No.
250g	Glass Bottle	L33-250
500g	Glass Bottle	L33-500

99 to 103%; Lead Sugar, Lead (II) Acetate Trihydrate;
 $\text{Pb}(\text{C}_2\text{H}_3\text{O}_2)_2 \cdot 3\text{H}_2\text{O}$; **FW.** 379.3; CAS [6080-56-4];
Melting Point: 75°C; **Density:** 13.1; **DOT Class 6.1:** Poison;
UN: 1616



Lead(II) Carbonate, Basic

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA4208936

Powder; 99% (Metal Basis); White Lead, **C.I.** 77597; $\text{C}_2\text{H}_3\text{O}_2\text{Pb}_2$;
FW. 775.63; CAS [1319-46-6]; **Melting Point:** 400°C (752°F);
Density: 6.14g/cm³ at 20°C; **UN:** 3077; White

Lead(II) Iodide, Ultra Dry

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AA4431414
100g	----	AA4431422

Yellow Powder; 99.999% (Metal Basis); I_2Pb ; **FW.** 461.00;
CAS [10101-63-0]; **Melting Point:** 402°C (756°F);
Boiling Point: 954°C (1749°F); **Density:** 6.16g/cm³ at 20°C; **UN:** 2291;
Yellow

Lead Nitrate

Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	L62-100
500g	Glass Bottle	L62-500

Crystalline; $\geq 99\%$; Lead (II) Nitrate; $\text{N}_2\text{O}_6\text{Pb}$; $\text{Pb}(\text{NO}_3)_2$;
FW. 331.21; CAS [10099-74-8]; **Melting Point:** 470°C;
Density: 4.53g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1469



Lead(II,IV) Oxide, Red



Quantity	Packaging	Cat. No.
5kg	Glass Bottle	AC22111-0051

98%; Red Lead Oxide; O_4Pb_3 ; $2\text{PbO} \cdot \text{PbO}_2$; **FW.** 685.57; CAS [1314-41-6];
Melting Point: 500.0°C; **UN:** 1479

Lithium Acetate Dihydrate



Quantity	Packaging	Cat. No.
250g	Plastic Bottle	AC44771-2500
1kg	Plastic Bottle	AC44771-0010

98%; Acetic Acid, Lithium Salt Dihydrate; $\text{C}_2\text{H}_3\text{LiO}_2 \cdot 2\text{H}_2\text{O}$;
 $\text{CH}_3\text{CO}_2\text{Li} \cdot 2\text{H}_2\text{O}$; **FW.** 102.02; CAS [6108-17-4];
Melting Point: 56.0° to 58.0°C

Lithium Aluminum Hydride

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AA1344214

Light Gray Powder; 95% min.; LAH, Lithium tetrahydroaluminate;
 LiAlH_4 ; **FW.** 37.95; CAS [16853-85-3]; **Melting Point:** >125°C (>257°F);
Density: 0.917g/cm³ at 20°C; **UN:** 1410; Light gray
Reducing agent for pharmaceuticals, perfumes, and fine organic
chemicals; source of hydrogen, propellant, and catalyst in
polymerizations

Lithium Borohydride



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC42888-1000

BH₄Li; LiBH₄; **FW**: 21.77; CAS [16949-15-8, 109-99-9];
Flash Point: -21°C; **Density**: 0.8900g/mL

Lithium Bromide

Laboratory Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	L117-500

Fine Powder; LiBr; **FW**: 86.85; CAS [7550-35-8];
Melting Point: 547°C; **Boiling Point**: 1265°C; **Density**: 3.46g/mL



Lithium Bromide

Pure



Quantity	Packaging	Cat. No.
250g	Plastic Bottle	AC45398-2500
1kg	Plastic Bottle	AC45398-0010

99%; BrLi; LiBr; **FW**: 86.84; CAS [7550-35-8]; **Melting Point**: 550.0°C;
Boiling Point: 1265.0°C; **Density**: 3.4600g/mL

Lithium Carbonate

Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	L119-500

Powder; ≥99%; Carbonic Acid Lithium Salt; Li₂CO₃;
FW: 73.89; CAS [554-13-2]; **Melting Point**: 618°C;
Boiling Point: 1310°C; **Density**: 2.1g/mL



Lithium Chloride

Afa Aesar

Quantity	Packaging	Cat. No.
2kg	----	AA36217A3

Granular; 99%; LiCl; **FW**: 42.39; CAS [7447-41-8];
Melting Point: 605°C (1121°F); **Boiling Point**: 1325° to 1360°C;
Density: 2.068g/mL

Lithium Chloride

Certified ACS



Quantity	Packaging	Cat. No.
100g	Poly Bottle	L121-100
500g	Poly Bottle	L121-500

≥98.5%; LiCl; **FW**: 42.39; CAS [7447-41-8];
Melting Point: 605°C (1121°F); **Boiling Point**: 1382°C;
Density: 2.06g/mL



Lithium Chloride



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC19988-5000
2kg	Plastic Bottle	AC19988-0020

White Crystalline Granulate; 99%; ClLi; LiCl; **FW**: 42.38;
CAS [7447-41-8]; **Melting Point**: 605°C (1121°F);
Boiling Point: 1382.0°C; **Density**: 2.0600g/mL

Lithium Chloride

Molecular Biology Grade



Quantity	Packaging	Cat. No.
100g	Plastic Bottle	AC44904-1000
500g	Plastic Bottle	AC44904-5000

99%; ClLi; LiCl; **FW**: 42.38; CAS [7447-41-8]; **Melting Point**: 605.0°C;
Boiling Point: 1382.0°C; **Density**: 2.0600g/mL

Lithium Chloride

BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
2.5kg	Wide Mouth Amber Glass Bottle	02003212

Granular; Meets ACS Reagent Chemical Requirements;
LiCl; **FW**: 42.39; CAS [7447-41-8]

Lithium Chloride, Anhydrous

Afa Aesar

Quantity	Packaging	Cat. No.
5kg	----	AA10515A7

White to Gray Crystalline Powder; 99%; ClLi; **FW**: 42.39;
CAS [7447-41-8]; **Melting Point**: 605°C (1121°F);
Boiling Point: 1325 to 1360°C (2417 to 2480°F);
Density: 2.068g/cm³ at 20°C; White to Gray; -20 Mesh

Lithium Hexafluorophosphate

Afa Aesar

Quantity	Packaging	Cat. No.
50g	----	AA1152918

White Powder; 98%; LiPF₆; **FW**: 151.9; CAS [21324-40-3];
Melting Point: 200°C; **Density**: 1.5g/cm³ at 20°C; **UN**: 2923; White;
Used as an electrolyte in Li-ion batteries.

Lithium Hydroxide

Pure



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC37918-0025

98%; LiOH; **FW**: 23.95; CAS [1310-65-2]; **Melting Point**: 462.0°C;
Density: 1.4300g/mL; **UN**: 2680

Lithium Hydroxide Monohydrate

Laboratory Grade



Quantity	Packaging	Cat. No.
500g	Glass Bottle	L127-500

Crystalline; LiOH·H₂O; **FW**: 41.96; CAS [1310-66-3];
Melting Point: 462°C; **Boiling Point**: 920°C; **Density**: 1.51g/mL;
DOT Class 8: Corrosive; **UN**: 2680



Lithium Nitrate

Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	L132-500

Powder; LiNO₃; **FW**: 68.94; CAS [7790-69-4];
Melting Point: 251°C; **Boiling Point**: 600°C; **Density**: 2.4;
DOT Class 5.1: Oxidizer; **UN**: 2722



Lithium Oxide

Afa Aesar

Quantity	Packaging	Cat. No.
50g	----	AA4183218

Powder; 99.5% (Metal Basis); Li₂O; **FW**: 29.88; CAS [12057-24-8];
Melting Point: 1427°C (2601°F); **Density**: 2.013g/cm³ at 20°C; **UN**: 3262;
White; Ceramics and special glass formulations, carbon dioxide
absorbent; -100 Mesh

Lithium Tetraborate

Afa Aesar

Quantity	Packaging	Cat. No.
1kg	----	AA10744A1

White Powder; 99.998% (Metal Basis); B₄Li₂O; **FW**: 169.12;
CAS [12007-60-2]; **Melting Point**: 930°C (1706°F);
Density: 2.4g/cm³ at 20°C; White; -22 mesh

Lutetium(III) Oxide
Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AA1125506

White Powder; 99.9% (REO); Lu₂O₃; **F.W.** 397.94; CAS [12032-20-1];
Melting Point: 2487°C (4509°F); **Density:** 9.420g/cm³ at 20°C; White

Magnesium Chloride Hexahydrate

ACS Reagent

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC41341-5000

White to Off-white Crystalline Powder; 99+%; Cl₂Mg·6H₂O; MgCl₂·6H₂O;
F.W. 203.31; CAS [7791-18-6]; **Melting Point:** 117°C

Magnesium Acetate Tetrahydrate

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	M13-500

Crystalline; 98 to 102%; Acetic Acid Magnesium Salt;
 C₄H₈O₄·Mg·4H₂O; Mg(CH₃CO₂)₂·4H₂O; **F.W.** 214.45;
 CAS [16674-78-5]; **Melting Point:** 80°C; **Density:** 1.45g/mL;
pH: 6.5 to 8.5 (at 25°C)

 ChemAlert®
 Storage Code
 GRAY

Magnesium Nitrate Hexahydrate

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	M46-500

Crystalline; 98 to 102%; MgN₂O₆·6H₂O; Mg(NO₃)₂·6H₂O;
F.W. 256.41; CAS [13446-18-9]; **Melting Point:** 89°C;
Flash Point: 93.3°C; **Density:** 1.46g/mL;
DOT Class 5.1: Oxidizer; **UN:** 1474

 ChemAlert®
 Storage Code
 YELLOW

Magnesium Carbonate, Hydrated

USP/FCC

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	M27-500
2.5kg	Poly Pail	M27-212

Powder; MgCO₃; **F.W.** 84.31; CAS [546-93-0];
Melting Point: 350°C; **Density:** 3.04g/mL

 ChemAlert®
 Storage Code
 GRAY

Magnesium Nitrate Hexahydrate

Extra Pure

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
1kg	Plastic Bottle	AC44754-0010
5kg	Plastic Bottle	AC44754-0050
25kg	Fiber Drum	AC44754-0250

MgN₂O₆·6H₂O; Mg(NO₃)₂·6H₂O; **F.W.** 256.40; CAS [13446-18-9];
Melting Point: 89.0°C; **Flash Point:** 93.3°C; **Boiling Point:** 330.0°C

Magnesium Chloride

Pure

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
25kg	Fiber Drum	AC22321-0250

Cl₂Mg; MgCl₂; **F.W.** 95.21; CAS [7786-30-3]; **Melting Point:** 708.0°C;
Boiling Point: 1412.0°C

Magnesium Chloride, Anhydrous
Alfa Aesar

Quantity	Packaging	Cat. No.
1kg	----	AA12315A1
5kg	----	AA12315A7
25kg	----	AA12315C4

White to Yellow Crystals; 99%; MgCl₂; **F.W.** 95.22; CAS [7786-30-3];
Melting Point: 714°C (1317°F); **Density:** 2.32g/cm³ at 20°C;
 White to yellow; Catalyst, flocculating agent, various magnesium
 cements, ceramics, analytical reagent;
 May contain trace amount of Zr as black insoluble particles.

Magnesium Oxide

USP/FCC

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	M68-500
3kg	Poly Pail	M68-3

Heavy Powder; MgO; **F.W.** 40.3; CAS [1309-48-4];
Melting Point: 2800°C; **Boiling Point:** 3600°C;
Density: 3.58g/mL

 ChemAlert®
 Storage Code
 GRAY

Magnesium Oxide

Certified ACS

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	M51-100
500g	Poly Bottle	M51-500

Powder; ≥95.0% Magnesia; MgO; **F.W.** 40.3; CAS [1309-48-4];
Melting Point: 2800°C; **Boiling Point:** 3600°C; **Density:** 3.58g/mL

 ChemAlert®
 Storage Code
 GRAY

Magnesium Chloride Hexahydrate

USP/FCC

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	M35-500
2.5kg	Poly Bottle	M35-212
12kg	Poly Pail	M35-12

Crystalline; MgCl₂·6H₂O; **F.W.** 203.3; CAS [7791-18-6];
Melting Point: 117°C; **Density:** 1.56g/mL

 ChemAlert®
 Storage Code
 GRAY

Magnesium Chloride Hexahydrate

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	M33-500
3kg	Poly Pail	M33-3

Crystalline; 99 to 102%; MgCl₂·6H₂O; **F.W.** 203.3;
 CAS [7791-18-6]; **Melting Point:** 117°C; **Density:** 1.56g/mL

 ChemAlert®
 Storage Code
 GRAY

Magnesium Oxide, Light
Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA1228736
1kg	----	AA12287A1

Powder; 96%; MgO; **F.W.** 40.3; CAS [1309-48-4];
Melting Point: 2852°C (5166°F); **Boiling Point:** 3600°C (6512°F);
Density: 3.58g/cm³ at 20°C; White; -325 Mesh

Magnesium Perchlorate, Anhydrous

Certified ACS

F

Quantity	Packaging	Cat. No.
2.5kg	Glass Bottle	M54-212

Perchloric Acid Magnesium Salt, Desiccant; Mg(ClO₄)₂;
F.W. 223.21; CAS [10034-81-8]; **Melting Point:** 251°C;
Density: 2.6g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1475

 ChemAlert®
 Storage Code
 YELLOW

Magnesium Perchlorate, Anhydrous ACS Grade

Afa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA1163636

Granular; Mg(ClO₄)₂; F.W. 223.23; CAS [10034-81-8];
Melting Point: 251°C; **Density:** 2.21g/mL

Magnesium Sulfate



Quantity	Packaging	Cat. No.
500g	Poly Bottle	MMX00751

Powder; MgO₄S; MgSO₄; F.W. 12.37; CAS [7487-88-9];
Density: 2.66g/cm³ (20°C); EMSURE™, For Analysis

Magnesium Sulfate

Afa Aesar

Quantity	Packaging	Cat. No.
2kg	----	AA33337A3

Powder; 99.5% min; MgSO₄; F.W. 120.37; CAS [7487-88-9];
Melting Point: 1124° dec.; **Density:** 2.66g/mL; Anhydrous

Magnesium Sulfate Pure



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC41348-5000
2.5kg	Plastic Bottle	AC41348-0025

97%; MgO₄S; MgSO₄; F.W. 120.37; CAS [7487-88-9];
Melting Point: 1124.0°C

Magnesium Sulfate, Anhydrous Certified



Quantity	Packaging	Cat. No.
500g	Poly Bottle	M65-500
3kg	Poly Bottle	M65-3
100 lb.	Fiber Drum	M65-100LB

Powder; Bitter Salt; MgSO₄; F.W. 120.37; CAS [7487-88-9];
Density: 2.65g/mL

Magnesium Sulfate Heptahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	M63-500
3kg	Poly Bottle	M63-3
50kg	Fiber Drum	M63-50

Crystalline; 98 to 102%; MgSO₄·7H₂O; F.W. 246.47;
 CAS [10034-99-8]; **Density:** 1.68g/mL

Manganese Chloride Tetrahydrate Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	M87-100
500g	Glass Bottle	M87-500

Crystalline; 98 to 101%; Manganese (II) Chloride; MnCl₂·4H₂O;
 F.W. 197.91; CAS [13446-34-9]; **Melting Point:** 58°C (136°F);
Density: 2.01g/mL

Manganese Sulfate Monohydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	M113-500
3kg	Poly Bottle	M113-3

Crystalline; 98.0 to 101.0%; Manganous Sulfate,
 Manganese (II) Sulfate Monohydrate; MnSO₄·H₂O;
 F.W. 169.02; CAS [10034-96-5]; **Melting Point:** 700°C;
Boiling Point: 850°C; **Density:** 3.25g/mL

Marble Chips



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	M123-3

Calcium Carbonate; CaCO₃; CAS [1317-65-3];
Melting Point: 897.8°C; For Kipp generator.

Mercuric Acetate ACS Reagent



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC44727-0250

C₄H₆HgO₄; (CH₃CO₂)₂Hg; F.W. 318.67; CAS [1600-27-7];
Melting Point: 179.0° to 182.0°C

Metaphosphoric Acid

Afa Aesar

Quantity	Packaging	Cat. No.
500g	----	AAB2093236

bal. NaPO₃ (Stabilizer); HPO₃; F.W. 79.98; CAS [37267-86-0];
Transport Hazard Class: 8; **UN:** 3260

Metaphosphoric Acid ACS Reagent

Afa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA3326736

Crystalline; Phosphoric Acid (meta); HPO₃; F.W. 79.98;
 CAS [37267-86-0]; **Density:** 2.2g/cm³ at 20°C; **UN:** 3260; White

Nickel Chloride Hexahydrate Certified ACS



Quantity	Packaging	Cat. No.
250g	Glass Bottle	N54-250
500g	Glass Bottle	N54-500
3kg	Glass Bottle	N54-3

Crystalline; ≥97%; Nickel (II) Chloride Hexahydrate;
 NiCl₂·6H₂O; F.W. 237.69; CAS [7791-20-0];
Boiling Point: 972.78°C; **Density:** 3.55g/mL;
DOT Class 6.1: Poison; **UN:** 3288

Nickel Chloride Hexahydrate Technical Grade



Quantity	Packaging	Cat. No.
500g	Glass Bottle	N53-500

Crystalline; Nickel (II) Chloride Hexahydrate; NiCl₂·6H₂O;
 F.W. 237.69; CAS [7791-20-0]; **Boiling Point:** 972.78°C;
Density: 3.55g/mL; **DOT Class 6.1:** Poison; **UN:** 3288

Nickel Nitrate Hexahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	N62-500

Crystalline; Nickel (II) Nitrate Hexahydrate; Ni(NO₃)₂·6H₂O; **F.W.** 290.81; CAS [13478-00-7]; **Melting Point:** 56.7°C; **Boiling Point:** 137°C; **Density:** 2.05g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 2725



Nickel Sulfate Hexahydrate Certified ACS



Quantity	Packaging	Cat. No.
100g	Poly Bottle	N73-100
500g	Poly Bottle	N73-500

Crystalline; Nickel (II) Sulfate; NiSO₄·6H₂O; **F.W.** 262.85; CAS [10101-97-0]; **Melting Point:** 53°C; **Boiling Point:** 103°C; **Density:** 2.07g/mL



Nickel(II) Sulfate Hexahydrate ACS Reagent



Quantity	Packaging	Cat. No.
5kg	Plastic Bottle	AC41561-0051

Blue to green crystals; 98+%; NiO₄S·6H₂O; NiSO₄·6H₂O; **F.W.** 262.85; CAS [10101-97-0]; **Melting Point:** 53°C; **UN:** 3288

Oxone



Quantity	Packaging	Cat. No.
100g	----	AA8989222
1kg	----	AA89892A1

Granular; Potassium Peroxymonosulfate, Potassium Monopersulfate Triple Salt; CAS [70693-62-8]; **Density:** 1.15g/mL

Palladium(II) Acetate



Quantity	Packaging	Cat. No.
50g	Glass Bottle	AC19518-0500

Palladium Diacetate; C₄H₈O₄Pd; (CH₃COO)₂Pd; **F.W.** 224.51; CAS [3375-31-3]; **Melting Point:** 205.0°C; **UN:** 3261

Palladium(II) Acetate



Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC44139-0010
5g	Glass Bottle	AC44139-0050

99.9%; Trace Metal Basis; Palladium Diacetate; C₄H₈O₄Pd; (CH₃COO)₂Pd; **F.W.** 224.51; CAS [3375-31-3]; **Melting Point:** 205.0°C

Palladium(II) Chloride



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC36967-0250

99.999%; Trace Metal Basis; Cl₂Pd; PdCl₂; **F.W.** 177.31; CAS [7647-10-1]; **Melting Point:** 678.0° to 680.0°C; **UN:** 3290

Palladium Hydroxide, 20% on Carbon



Quantity	Packaging	Cat. No.
2g	----	AA4257804

CAS [12135-22-7]

Palladium(II) Nitrate Hydrate



Quantity	Packaging	Cat. No.
50g	----	AA1103518

Red-Brown Crystals; 99.8% (Metal Basis); N₂O₆Pd·xH₂O; **F.W.** 230.43; CAS [10102-05-3]

Phosphorus(III) Bromide



Quantity	Packaging	Cat. No.
100g	----	AA4019122

Clear Colorless Liquid; 99% (Metal Basis); Phosphorus Tribromide; PBr₃; **F.W.** 270.70; CAS [7789-60-8]; **Melting Point:** -40°C (-40°F); **Boiling Point:** -172.9°C (-343°F); **Density:** 2.852g/cm³ at 20°C; **UN:** 1808; Colorless

Phosphorus(III) Chloride



Quantity	Packaging	Cat. No.
250g	----	AA4443630

Yellow Liquid; 98% min.; PCl₃; **F.W.** 137.33; CAS [7719-12-2]; **Melting Point:** -111.8°C; **Boiling Point:** 76°C; **Density:** 1.574g/cm³ at 20°C; **UN:** 1809; Yellow

Phosphorus Pentoxide Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	A245-100
500g	Glass Bottle	A245-500

≥99%; Phosphoric Anhydride; P₂O₅; **F.W.** 141.94; CAS [1314-56-3]; **Melting Point:** 340° to 360°C (644° to 680°F); **Boiling Point:** 360°C; **Density:** 4.9; **DOT Class 8:** Corrosive; **UN:** 1807



Potassium Acetate USP



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	P178-3

Crystalline; Acetic Acid, Potassium Salt; C₂H₃KO₂; CH₃COOK; **F.W.** 98.14; CAS [127-08-2]; **Melting Point:** 292°C; **Flash Point:** 250°C; **Density:** 1.8g/mL



Potassium Acetate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	P171-500
3kg	Poly Pail	P171I-3

Crystalline; ≥99%; Acetic Acid Potassium Salt; C₂H₃KO₂; CH₃COOK; **F.W.** 98.14; CAS [127-08-2]; **Melting Point:** 292°C; **Flash Point:** 250°C; **Density:** 1.8g/mL



Potassium Acetate BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	02003705

Crystal; CH₃COOK; **F.W.** 98.14; CAS [127-08-2]

Potassium Antimonate Trihydrate

Alfa Aesar

Quantity	Packaging	Cat. No.
50g	----	AA3952418

White Powder; >94%; Potassium Pyroantimonate, Potassium hexahydroxyantimonate; $\text{KSbO}_3 \cdot 3\text{H}_2\text{O}$; **F.W.** 262.90; **CAS** [12208-13-8]; **UN:** 1549; White

Potassium Bicarbonate

USP/FCC

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	P235-500
12kg	Poly Pail	P235-12

Powder; (Dried Basis) 0.99.5 to 101.5%; Potassium Acid Carbonate, Potassium Hydrogen Carbonate; KHCO_3 ; **F.W.** 100.12; **CAS** [298-14-6]; **Melting Point:** 100°C (212°F); **Density:** 2.17g/mL

ChemAlert
Storage Code
GRAY

Potassium Bicarbonate

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	P184-500

Crystalline; 99.7 to 100.5%; Potassium Acid Carbonate, Potassium Hydrogen Carbonate; KHCO_3 ; **F.W.** 100.12; **CAS** [298-14-6]; **Melting Point:** 100°C (212°F); **Density:** 2.17g/mL

ChemAlert
Storage Code
GRAY

Potassium Bisulfate

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	P193-500

Crystalline; Potassium Sulfate Acid, Potassium Hydrogen Sulfate; KHSO_4 ; **F.W.** 136.17; **CAS** [7646-93-7]; **Melting Point:** 195° to 197°C; **Density:** 2.24g/mL; **DOT Class 8:** Corrosive; **UN:** 2509

ChemAlert
Storage Code
WHITE

Potassium Bromate

ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA4001322

Granular; 99.8% min; KBrO_3 ; **F.W.** 167; **CAS** [7758-01-2]; **Melting Point:** 370°C; **Density:** 3.27g/mL

Potassium Bromide

F

Quantity	Packaging	Cat. No.
25g	Glass Bottle	P227-25

KBr ; **F.W.** 119.00; **CAS** [7758-02-3]; **Melting Point:** 730°C (1346°F); **Boiling Point:** 1435°C (2615°F); **Density:** 2.75g/mL

ChemAlert
Storage Code
GRAY

Potassium Bromide

For Spectroscopy

ACROS
ORGANICS

Quantity	Packaging	Cat. No.
100g	Plastic Bottle	AC20639-1000

≥99%; BrK ; KBr ; **F.W.** 119.00; **CAS** [7758-02-3]; **Melting Point:** 734.0°C; **Boiling Point:** 1435.0°C

Potassium Bromide

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AA3979414
100g	----	AA3979422

Powder; KBr ; **F.W.** 119.01; **CAS** [7758-02-3]; **Melting Point:** 730°C (1346°F); **Boiling Point:** 1435°C; **Density:** 2.75g/mL; FTIR Grade

Potassium Bromide

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	P205-500
3kg	Poly Bottle	P205-3

Beads or Powder; ≥99%; KBr ; **F.W.** 119.00; **CAS** [7758-02-3]; **Melting Point:** 730°C (1346°F); **Boiling Point:** 1435°C; **Density:** 2.75g/mL

ChemAlert
Storage Code
GRAY

Potassium Carbonate, Anhydrous

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	P208-500
3kg	Poly Bottle	P208-3

Granular Powder; ≥99.0%; Salt of Tartar, Pearl Ash, Carbonic Acid Potassium Salt; K_2CO_3 ; **F.W.** 138.21; **CAS** [584-08-7]; **Melting Point:** 891°C; **Density:** 2.43g/mL

ChemAlert
Storage Code
GRAY

Potassium Carbonate

ACS Reagent

ACROS
ORGANICS

Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC42408-5000
10kg	Plastic Drum	AC42408-0100

≥99%; CK_2O ; K_2CO_3 ; **F.W.** 138.21; **CAS** [584-08-7]; **Melting Point:** 891.0°C

Potassium Chloride

EP/BP/USP/FCC

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	P333-500
3kg	Poly Bottle	P333-3
250 lb.	Fiber Drum	P333-250LB

Crystalline; KCl ; **F.W.** 74.55; **CAS** [7447-40-7]; **Melting Point:** 773°C (1423°F); **Boiling Point:** Sublimes at 1500°C; **Density:** 1.99g/mL

ChemAlert
Storage Code
GRAY

Potassium Chloride

Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	P217-500
3kg	Poly Bottle	P217-3
10kg	Poly Pail	P217-10

Crystalline; 99.0 to 100.5%; KCl ; **F.W.** 74.55; **CAS** [7447-40-7]; **Melting Point:** 773°C (1423°F); **Boiling Point:** Sublimes at 1500°C; **Density:** 1.99g/mL; Potassium chloride for calomel cells.

ChemAlert
Storage Code
GRAY

Potassium Chloride

ACS Reagent

ACROS
ORGANICS

Quantity	Packaging	Cat. No.
1kg	Plastic Bottle	AC42409-0010

≥99%; ClK ; KCl ; **F.W.** 74.54; **CAS** [7447-40-7]; **Melting Point:** 770.0°C; **Boiling Point:** 1420.0°C

Potassium Chloride ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
5kg	----	AA11595A7

Crystalline; 99.0 to 100.5%; KCl; **F.W.** 74.55; CAS [7447-40-7];
Melting Point: 773°C; **Boiling Point:** 1500°C (subl.);
Density: 1.984g/mL

Potassium Chloride

Alfa Aesar

Quantity	Packaging	Cat. No.
250g	----	AA1083930

Powder/Crystalline/Beads; 99.997% (Metal Basis); KCl; **F.W.** 74.55;
 CAS [7447-40-7]; **Melting Point:** 773°C (1423°F);
Boiling Point: 1500°C (2732°F); **Density:** 1.984g/cm³ at 20°C; White

Potassium Chloride



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	5899216

Clear, Colorless Liquid with Possible Precipitate;
 CAS [7447-40-7]; **Melting Point:** Approximately 0°C;
Boiling Point: Approximately 100°C;

Potassium Chromate Certified ACS



Quantity	Packaging	Cat. No.
100g	Poly Bottle	P220-100
500g	Poly Bottle	P220-500

Granular; 99.5 to 100.5%; K₂CrO₄; **F.W.** 194.19; CAS [7789-00-6];
Melting Point: 975°C; **Density:** 2.73g/mL;
DOT Class 5.1: Oxidizer; **UN:** 3087

Potassium Cyanide Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	P2231-100
500g	Glass Bottle	P2231-500

Granular; KCN; **F.W.** 65.12; CAS [151-50-8];
DOT Class 6.1: Poison; **UN:** 1680

Potassium Cyanide ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
1kg	----	AA12136A1

Granular; 96.0% min.; KCN; **F.W.** 65.12; CAS [151-50-8];
Melting Point: 634°C; **Boiling Point:** 1625°C; **Density:** 1.52g/mL

Potassium Cyanide Extra Pure



Quantity	Packaging	Cat. No.
10kg	Platic Bag in Plastic Bucket	AC38831-0100

≥97%; KCN; **F.W.** 65.12; CAS [151-50-8]; **Melting Point:** 634.0°C; **Boiling Point:** 1625.0°C; **UN:** 1680

Potassium Dichromate Certified ACS



Quantity	Packaging	Cat. No.
100g	Poly Bottle	P188-100
500g	Poly Bottle	P188-500
3kg	Poly Bottle	P188-3

Crystalline; ≥99%; Potassium Bichromate;
 K₂Cr₂O₇; **F.W.** 294.18; CAS [7778-50-9]; **Melting Point:** 398°C;
Boiling Point: 500°C; **Density:** 2.68g/mL;
DOT Class 6.1: Poison; **UN:** 3086

ChemAlert™ Storage Code YELLOW

Potassium Dichromate Technical Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	P186-500
3kg	Poly Bottle	P186-3

Fine Granular; K₂Cr₂O₇; **F.W.** 294.18; CAS [7778-50-9];
Melting Point: 398°C; **Boiling Point:** 500°C; **Density:** 2.68g/mL;
DOT Class 5.1: Oxidizer; **UN:** 1479

ChemAlert™ Storage Code YELLOW

Potassium Dihydrogen Phosphate ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
250g	----	AA1159430
1kg	----	AA11594A1

Potassium Dihydrogen Phosphate, Anhydrous Suprapur™



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	M1051080500

Colorless Solid; 99.995%; mono-Potassium Orthophosphate,
 Potassium Biphosphate, Potassium Phosphate Monobasic; H₂KO₄P;
 KH₂PO₄; **F.W.** 136.8; CAS [7778-77-0]; **Melting Point:** 253°C
 (decomposition); **Density:** 2.34g/cm³ (20°C)

Potassium Ferricyanide Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	P232-500

Crystalline; ≥99%; Potassium Prussiate, Red, Prussiate of Potash, Red, Everitt's Salt; K₃FeK₃N₆; K₃Fe(CN)₆; **F.W.** 329.25;
 CAS [13746-66-2]; **Density:** 1.85g/mL

ChemAlert™ Storage Code GRAY

Potassium Ferricyanide ACS Grade



Quantity	Packaging	Cat. No.
1kg	Poly Bottle	MPX14554

K₃Fe(CN)₆; **F.W.** 329.25; CAS [13746-66-2]

Potassium Ferricyanide BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
2.5kg	Wide Mouth Amber Glass Bottle	02003759

Crystal; K₃Fe(CN)₆; **F.W.** 329.26; CAS [13746-66-2]

Potassium Ferrocyanide Trihydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	P236-500

Crystalline; 98.5 to 102.0%; Potassium Prussiate, Yellow,
 Prussiate of Potash, Yellow; K₄Fe(CN)₆·3H₂O; **F.W.** 422.39;
 CAS [14459-95-1]; **Melting Point:** 70°C; **Density:** 1.85g/mL

ChemAlert™ Storage Code GRAY

Potassium Fluoride Extra Pure



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC20135-0025

99%; FK; KF; **FW.** 58.09; CAS [7789-23-3]; **Melting Point:** 860.0°C; **Boiling Point:** 1505.0°C; **UN:** 1812

Potassium Fluoride, Anhydrous



Quantity	Packaging	Cat. No.
1kg	----	AA14130A1

White various forms (Powder/Flake/Crystalline/Beads, etc.); 99%; FK; **FW.** 58.10; CAS [7789-23-3]; **Melting Point:** 858°C (1576°F); **Boiling Point:** 1505°C (2741°F); **Density:** 2.48g/cm³; **UN:** 1812; White

Potassium Hydrogen Phthalate



Quantity	Packaging	Cat. No.
125g	Plastic Bottle	MPX14763

White Crystals; 99.95 to 100.05%; Potassium Biphthalate; C₈H₅KO₄; **FW.** 204.22; CAS [877-24-7]; **Melting Point:** 295° to 300°C; **Density:** 1.636g/cm³; **Recommended Storage:** Store at +15°C to +25°C; Traceable To NIST™ Standard Reference Material (SRM); Certipure™

Potassium Hydrogen Sulfate, Fused ACS Grade



Quantity	Packaging	Cat. No.
500g	----	AA1380036

White Fused Powder; **FW.** 136.17; **Melting Point:** 214°C (417°F); **UN:** 2509; White

Potassium Iodate Certified ACS



Quantity	Packaging	Cat. No.
100g	Poly Bottle	P253-100
500g	Poly Bottle	P253-500

Powder; 99.4 to 100.4%; KIO₃; **FW.** 214; CAS [7758-05-6]; **Melting Point:** 560°C; **Density:** 3.89g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1479



Potassium Iodide USP/FCC



Quantity	Packaging	Cat. No.
500g	Poly Bottle	P412-500
3kg	Poly Bottle	P412-3
10kg	Poly Pail	P412-10

Granular, Free Flowing; KI; **FW.** 166; CAS [7681-11-0]; **Melting Point:** 680°C; **Boiling Point:** 1330°C; **Density:** 3.13g/mL



Potassium Iodide Certified ACS



Quantity	Packaging	Cat. No.
100g	Poly Bottle	P410-100
500g	Poly Bottle	P410-500
3kg	Poly Bottle	P410-3
10kg	Poly Pail	P410-10

Granular, Free Flowing; ≥99%; KI; **FW.** 166; CAS [7681-11-0]; **Melting Point:** 680°C; **Boiling Point:** 1330°C; **Density:** 3.13g/mL



Potassium Iodide ACS Reagent



Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC41826-5000

≥99%; IK; KI; **FW.** 166.00; CAS [7681-11-0]; **Melting Point:** 680.0°C; **Boiling Point:** 1330.0°C

Potassium Iodide ACS Grade



Quantity	Packaging	Cat. No.
500g	Amber Glass Bottle	LC196901

Solid; ≥99.0%; KI; **FW.** 166; CAS [7681-11-0]; **Melting Point:** 680°C; **Boiling Point:** 1330°C; **Density:** 3.13g/cm³

Potassium Iodide



Quantity	Packaging	Cat. No.
500g	Poly Bottle	MPX15051

Crystalline; KI; **FW.** 166.00; **Melting Point:** 680.9°C (1257.6°F); **Boiling Point:** 1420.05°C (2588.1°F)

Potassium Iodide ACS Grade



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	MPX15055
12kg	Poly Pail	MPX15057

White Crystals or Granules; 99.0% min.; KI; **FW.** 166; CAS [7681-11-0]

Potassium Nitrate Certified ACS



Quantity	Packaging	Cat. No.
100g	Poly Bottle	P263-100
500g	Poly Bottle	P263-500
3kg	Poly Bottle	P263-3
50kg	Fiber Drum	P263-50

FW. 101.1; CAS [7757-79-1]; **Melting Point:** 334°C; **Boiling Point:** 400°C; **Density:** 2.11g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1486



Potassium Nitrate Certified ACS



Quantity	Packaging	Cat. No.
100g	Poly Bottle	P383-100
500g	Poly Bottle	P383-500

KNO₃; **FW.** 101.1; CAS [7757-79-1]; **Melting Point:** 334°C; **Boiling Point:** 400°C; **Density:** 2.11g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1486; Primary nitrogen standard



Potassium Nitrate Laboratory Grade



Quantity	Packaging	Cat. No.
3kg	Glass Bottle	P261-3

Granular; KNO₃; **FW.** 101.1; CAS [7757-79-1]; **Melting Point:** 334°C; **Boiling Point:** 400°C; **Density:** 2.11g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1486



Potassium Nitrate Pure



Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC44637-5000
2.5kg	Glass Bottle	AC44637-0025

99%; KNO₃; **FW.** 101.10; CAS [7757-79-1];
Melting Point: 334.0°C; **Boiling Point:** 400.0°C; **UN:** 1486;

Potassium Nitrate Biochemical Grade



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC44782-5000

≥99%; KNO₃; **FW.** 101.10; CAS [7757-79-1];
Melting Point: 334.0°C; **Boiling Point:** 400.0°C;

Potassium Nitrate ISO, Reagent Grade, EP



Quantity	Packaging	Cat. No.
12kg	Poly Pail	MPX15207

White Crystals; 99.0% min.; Nitric Acid Potassium Salt; KNO₃;
FW. 111.1; CAS [7757-79-1]; **Melting Point:** 334°C;
Density: 2.11g/cm³ (20°C); EMSURE™, For Analysis

Potassium Nitrate Certified ACS



Quantity	Packaging	Cat. No.
250g	Glass Bottle	P267-250
500g	Glass Bottle	P267-500

Crystalline; ≥96%; KNO₃; **FW.** 85.1; CAS [7758-09-0];
Melting Point: 387°C; **Density:** 1.92g/mL;
DOT Class 5.1: Oxidizer; **UN:** 1488



Potassium meta-Periodate Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	P277-100

99.8 to 100.3%; Potassium Periodate; KIO₄; **FW.** 230;
CAS [7790-21-8]; **Melting Point:** 582°C; **Density:** 3.98g/cm³;
DOT Class 5.1: Oxidizer; **UN:** 1479



Potassium Permanganate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	P279-500
2.5kg	Glass Bottle	P279-212

Crystalline; ≥99%; KMnO₄; **FW.** 158.03; CAS [7722-64-7];
Melting Point: 240°C (464°F); **Density:** 2.7g/mL;
DOT Class 5.1: Oxidizer; **UN:** 1490; **C.I.** 77755



Potassium Permanganate ACS Grade



Quantity	Packaging	Cat. No.
500g	---	AA1430736

Dark Crystalline; 99.0% min.; KMnO₄; **FW.** 158.03; CAS [7722-64-7];
Melting Point: 240°C (464°F); **Density:** 2.7g/cm³; **UN:** 1490; Dark;
In photography, tanning leather, purifying water, manufacturing mineral water, as an analytical lab reagent.

Potassium Permanganate ACS Grade, Reagent Grade, EP



Quantity	Packaging	Cat. No.
500g	Poly Bottle	MPX15501

Permanganic Acid Potassium Salt; KMnO₄; **FW.** 158.3;
CAS [7722-64-7]; **Melting Point:** >24°C (decomposition);
Density: 2.70g/cm³ (20°C)

Potassium Peroxydisulfate ACS Grade



Quantity	Packaging	Cat. No.
1kg	---	AA13145A1

White Crystalline Powder; 99.0% min.; Potassium Persulfate;
K₂S₂O₈; **FW.** 270.31; CAS [7727-21-1]; **Melting Point:** 100°C (212°F);
Density: 2.477g/cm³; **UN:** 1492; White; A polymerization accelerator for PAGE gels.

Potassium Phosphate ACS Grade



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	MPX15655

KH₂PO₄; **FW.** 136.09; CAS [7778-77-0]; Monobasic

Potassium Phosphate BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
500g	Poly Bottle	02003816
2.5kg	Poly bottle	02003817

Crystal; KH₂PO₄; **FW.** 136.09; CAS [7778-77-0]; Monobasic

Potassium Phosphate Ultrapure Bioreagent



Quantity	Packaging	Cat. No.
2.5kg	Wide Mouth Amber Glass Bottle	02003818

Crystal; KH₂PO₄; **FW.** 136.09; CAS [7778-77-0]

Potassium Phosphate Ultrapure Bioreagent



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	02003824

Powder; K₂HPO₄; **FW.** 174.18; CAS [7758-11-4]; Dibasic

Potassium Phosphate Dibasic ACS Reagents 20



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC42419-5000
10kg	Plastic Drum	AC42419-0100

≥98%; Dipotassium Hydrogen Phosphate; HK₂O₄P; K₂HPO₄;
FW. 174.18; CAS [7758-11-4]; **Melting Point:** 340.0°C

Potassium Phosphate Dibasic ACS Grade



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	MPX15701
1kg	Plastic Bottle	MPX15702

White Granular Powder; 98.0% min.
Potassium Dihydrogen Phosphate; K₂HPO₄; **FW.** 174.18;
CAS [7758-11-4]

Potassium Phosphate Dibasic, Anhydrous USP

Quantity	Packaging	Cat. No.
500g	Poly Bottle	P290-500
2.5kg	Poly Bottle	P290-212
12kg	Poly Pail	P290-12

Crystalline Powder; Potassium Monohydrogen Phosphate, Dipotassium Hydrogen Phosphate; K_2HPO_4 ; **F.W.** 174.18; **CAS** [7758-11-4]; **Melting Point:** 252.78°C; **Density:** 2.3g/mL



Potassium Phosphate Dibasic, Anhydrous Certified ACS

Quantity	Packaging	Cat. No.
100g	Glass Bottle	P288-100
500g	Glass Bottle	P288-500
3kg	Glass Bottle	P288-3
50kg	Fiber Drum	P288-50
200 lb.	Fiber Drum	P288-200LB

Crystalline Powder; $\geq 98.0\%$; Potassium Monohydrogen Phosphate, Dipotassium Hydrogen Phosphate; K_2HPO_4 ; **F.W.** 174.18; **CAS** [7758-11-4]; **Melting Point:** 252.78°C; **Density:** 2.3g/mL



Potassium Phosphate Monobasic HPLC Grade

Quantity	Packaging	Cat. No.
1kg	Glass Bottle	P286-1

Crystalline; $\geq 99\%$; Potassium Dihydrogen Phosphate; KH_2PO_4 ; **F.W.** 136.09; **CAS** [7778-77-0]; **Melting Point:** 252.6°C; **Density:** 2.34g/mL; Also meets ACS specifications



Potassium Phosphate Monobasic NF/FCC

Quantity	Packaging	Cat. No.
500g	Poly Bottle	P380-500
2.5kg	Poly Bottle	P380-212
12kg	Poly Pail	P380-12

Crystalline; Potassium Acid Phosphate, Potassium Biphosphate, Potassium Dihydrogen Phosphate; KH_2PO_4 ; **F.W.** 136.09; **CAS** [7778-77-0]; **Melting Point:** 252.6°C; **Density:** 2.34g/mL



Potassium Phosphate Monobasic Primary Standard

Quantity	Packaging	Cat. No.
500g	Glass Bottle	P382-500

Crystalline; 99.5 to 100.5%; Potassium Dihydrogen Phosphate; KH_2PO_4 ; **F.W.** 136.09; **CAS** [7778-77-0]; **Melting Point:** 252.6°C; **Density:** 2.34g/mL



Potassium Phosphate Monobasic Certified ACS

Quantity	Packaging	Cat. No.
500g	Poly Bottle	P285-500
3kg	Poly Bottle	P285-3
10kg	Poly Pail	P285-10
50kg	Fiber Drum	P285-50

Crystalline; $\geq 99\%$; Potassium Dihydrogen Phosphate; KH_2PO_4 ; **F.W.** 136.09; **CAS** [7778-77-0]; **Melting Point:** 252.6°C; **Density:** 2.34g/mL



Potassium Phosphate Monobasic Laboratory Grade

Quantity	Packaging	Cat. No.
500g	Poly Bottle	P284-500

Granular; Potassium Acid Phosphate, Potassium Biphosphate, Potassium Dihydrogen Phosphate; KH_2PO_4 ; **F.W.** 136.09; **CAS** [7778-77-0]; **Melting Point:** 252.6°C; **Density:** 2.34g/mL



Potassium Phosphate Monobasic ACS Reagent

Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC42420-5000

$\geq 99\%$; Potassium Dihydrogen Phosphate; H_2KO_2P ; KH_2PO_4 ; **F.W.** 136.09; **CAS** [7778-77-0]; **Melting Point:** 253.0°C

Potassium Phosphate Monobasic HPLC Grade, ACS Grade

Quantity	Packaging	Cat. No.
500g	Plastic Bottle	MPX15625

Crystalline; 99.0%, min.; Potassium Dihydrogen Phosphate; KH_2PO_4 ; **F.W.** 136.9; **CAS** [7778-77-0]

Potassium Phosphate Monobasic ACS Grade

Quantity	Packaging	Cat. No.
500g	Plastic Bottle	MPX15651

KH_2PO_4 ; **F.W.** 136.09; Meets ACS Specifications; Meets Reagent Specifications for testing USP/NF monographs **CAS** [7778-77-0]

Potassium Phosphate Tribasic Certified ACS

Quantity	Packaging	Cat. No.
500g	Glass Bottle	P289-500

Granular Powder; $\geq 95\%$; Tripotassium Phosphate, Potassium Orthophosphate; K_3O_3P ; **CAS** [7778-53-2]; **Melting Point:** 1340°C



Potassium Sulfate Certified ACS

Quantity	Packaging	Cat. No.
500g	Poly Bottle	P304-500
3kg	Poly Bottle	P304-3
10kg	Poly Pail	P304-10

Crystalline; $\geq 99\%$; K_2O_4S ; **F.W.** 174.26; **CAS** [7778-80-5]; **Melting Point:** 1067°C; **Boiling Point:** 1689°C; **Density:** 2.66g/mL; Suitable for determination of nitrogen.



Potassium Sulfate Certified ACS

Quantity	Packaging	Cat. No.
500g	Glass Bottle	P305-500

Powder; $\geq 99\%$; K_2O_4S ; **F.W.** 174.26; **CAS** [7778-80-5]; **Melting Point:** 1067°C; **Boiling Point:** 1689°C; **Density:** 2.66g/mL; Suitable for determination of nitrogen.



Potassium Tartrate Hemihydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	P313-500

Crystalline; Tartar Soluble, Tartaric Acid Potassium Salt; $C_4H_4K_2O_6 \cdot 0.5H_2O$; $KOOC(CHOH)_2COOK \cdot 0.5H_2O$; F.W. 235.28; CAS [6100-19-2]; **Melting Point:** 155°C; **Boiling Point:** 200°C; **Density:** 2g/mL



Potassium Tetrachloroplatinate(II)

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AA1104806

Crystalline; 99.9% (Metal Basis); Cl_4K_2Pt ; F.W. 415.11; CAS [10025-99-7]; **Density:** 3.38g/cm³; **UN:** 3288; Red-brown

Potassium Thiocyanate Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	P317-100
500g	Glass Bottle	P317-500

Crystalline; $\geq 98.5\%$; Potassium Rhodanate, Potassium Sulfofocyanate, Potassium Sulfofocyanide, Potassium Isothiocyanate; $KSCN$; F.W. 97.18; CAS [333-20-0]; **Melting Point:** 170° to 179°C (338° to 354.2°F); **Boiling Point:** 500°C; **Density:** 1.89g/mL



Ruthenium(III) Chloride Hydrate



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC19548-1000

Ruthenium Trichloride; $Cl_3Ru \cdot xH_2O$; $RuCl_3 \cdot xH_2O$; F.W. 207.42; CAS [14898-67-0]; **UN:** 3260

Samarium(III) Nitrate Hexahydrate

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA1290622

Crystalline; 99.9% (REO); $Sm(NO_3)_6 \cdot 6H_2O$; F.W. 444.45 (336.36 anhy); CAS [13759-83-6]; **Melting Point:** 78° to 79°C (172° to 174°F); **Density:** 2.375g/cm³ at 20°C; **UN:** 1477

Sand Pure



Quantity	Packaging	Cat. No.
25kg	Plastic Bag in Cardbox	AC37094-0250

Quartz, Silicon dioxide; O_2Si ; SiO_2 ; F.W. 60.08; CAS [14808-60-7]; **Melting Point:** 1610.0°C; **Boiling Point:** 2230.0°C; 40 to 100 Mesh

Sand, Ottawa



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	S23-3
50kg	Fiber Drum	S23-50

SiO_2 ; CAS [14808-60-7]; **Melting Point:** 1710°C; **Boiling Point:** 2240°C; **Density:** 2.65g/mL; For cement testing; ASTM C 190 and AASHTO Method T-132.



Sand, Sea



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S25-500
3kg	Poly Bottle	S25-3
10kg	Bag in Box	S25-10

Washed; SiO_2 ; CAS [14808-60-7]; **Melting Point:** 1710°C; **Boiling Point:** 2240°C; **Density:** 2.65g/mL; Washed



Sand, Standard



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	MSX00703

Granular; SiO_2 ; F.W. 6.8; CAS [14808-60-7]; Beige

Sand Standard, Ottawa



Quantity	Packaging	Cat. No.
500g	Poly Bottle	MSX00751

Solid; SiO_2 ; F.W. 60.08; CAS [14808-60-7]; **Melting Point:** 1710°C; **Boiling Point:** 2230°C; Washed and Ignited

Sand, Washed



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC61235-5000
5kg	Plastic Bottle	AC61235-0050
25kg	Plastic Bottle	AC61235-0250

Quartz, Silicon dioxide; O_2Si ; SiO_2 ; F.W. 60.08; **Melting Point:** 1610.0°C; **Boiling Point:** 2230.0°C

Scandium(III) Oxide

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AA1121614

Powder; 99.9%; Sc_2O_3 ; F.W. 137.91; CAS [12060-08-1]; **Melting Point:** 2485°C (4505°F)

Silicic Acid Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	A288-500

Precipitated Powder; Silica Acid; H_2O_3Si ; CAS [7699-41-4]



Silver Chloride Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	S174-100

Granular; $AgCl$; F.W. 143.32; CAS [7783-90-6]; **Melting Point:** 455°C; **Boiling Point:** 1550°C; **Density:** 5.56g/mL



Silver Diethyldithiocarbamate ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
10g	----	AA1189809
50g	----	AA1189818

Powder; $C_5H_{10}AgNS_2$; F.W. 256.14; CAS [1470-61-7]; **Melting Point:** 172° to 175°C (342°-347°F); White

Silver Nitrate USP



Quantity	Packaging	Cat. No.
100g	Glass Bottle	S486-100
500g	Glass Bottle	S486-500

Crystalline; 99.8 to 100.5%; AgNO₃; F.W. 169.87; CAS [7761-88-8]; **Melting Point:** 212°C (413.6°F); **Boiling Point:** 433°C; **Density:** 4.35g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1493



Silver Sulfate Certified ACS



Quantity	Packaging	Cat. No.
25g	Glass Bottle	S190-25
100g	Glass Bottle	S190-100
500g	Glass Bottle	S190-500

Powder; ≥98%; Ag₂O₄S; F.W. 311.8; CAS [10294-26-5]; **Melting Point:** 652.2°C; **Boiling Point:** 1085°C; **Density:** 5.5g/mL



Silver Nitrate Certified ACS



Quantity	Packaging	Cat. No.
25g	Glass Bottle	S181-25
100g	Glass Bottle	S181-100
500g	Glass Bottle	S181-500

Crystalline; Assay: ≥99.7%; AgNO₃; F.W. 169.87; CAS [7761-88-8]; **Melting Point:** 212°C (413.6°F); **Boiling Point:** 433°C (811.4°F); **Density:** 4.35g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1493



Silver Sulfate ACS Grade

Afa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA1141722

Powder; 98%; Ag₂O₄S; F.W. 311.80; CAS [10294-26-5]; **Melting Point:** 657°C (1215°F); **Boiling Point:** 1085°C; **Density:** 5.45g/mL; For AAS analysis

Silver Nitrate ACS Grade

Afa Aesar

Quantity	Packaging	Cat. No.
25g	----	AA1141414
100g	----	AA1141422
500g	----	AA1141436

Crystalline; >99.9% (Metal Basis); AgNO₃; F.W. 169.87; CAS [7761-88-8]; **Melting Point:** 212°C (413.6°F); **Density:** 4.352g/mL; For AAS analysis

Silver Sulfate

Afa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA1211222

Powder; 99.999% (Metal Basis); Ag₂O₄S; F.W. 311.8; CAS [10294-26-5]; **Melting Point:** 657°C (1215°F); **Boiling Point:** 1085°C (1985°F); **Density:** 5.45g/cm³ at 20°C; **UN:** 3077; White

Silver Nitrate ACS Grade



Quantity	Packaging	Cat. No.
500g	Amber Glass Bottle	LC225001

Solid; ≥99.0%; AgNO₃; F.W. 169.87; CAS [7761-88-8]; **Melting Point:** 212°C; **Boiling Point:** 444°C; **Density:** 4352kg/m³; **DOT Class 5.1:** Oxidizer; **UN:** 1493

Soda Lime ACS Grade

Afa Aesar

Quantity	Packaging	Cat. No.
2.5kg	----	AA44697A4

CAS [8006-28-8]; Transport Hazard Class: 8

Soda Lime

Afa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA4478636
2.5kg	----	AA44786A4

White Granules; CAS [8006-28-8]; **UN:** 1907; White

Silver Nitrate ACS Grade



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC19768-0050
25g	Glass Bottle	AC19768-0250
100g	Glass Bottle	AC19768-1000
500g	Glass Bottle	AC19768-5000

99.85%; AgNO₃; F.W. 169.87; CAS [7761-88-8]; **Melting Point:** 212.0°C; **Boiling Point:** 444.0°C

Sodium Acetate, Anhydrous Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S210-500
2kg	Glass Bottle	S210-2

Fused Crystals; ≥99%; C₂H₃O₂Na; CH₃COONa; F.W. 82.03; CAS [127-09-3]; **Melting Point:** 324°C; **Flash Point:** 250°C



Silver Oxide Laboratory Grade



Quantity	Packaging	Cat. No.
100g	Glass Bottle	S184-100

Ag₂O; F.W. 231.74; CAS [20667-12-3]; **Density:** 7.14g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1479



Sodium Acetate Hydrate

Afa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA4168522

White Crystals; 99.9985%; Acetic Acid Sodium Salt Hydrate; NaOOCCH₃·xH₂O; F.W. 82.03; CAS [41484-91-7]; **Melting Point:** 58°C (136°F); **Boiling Point:** 123°C (253°F); **Density:** 1.41g/cm³ at 20°C; White

Silver Perchlorate

Afa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA4220922

White Crystals; AgClO₄; F.W. 207.32; CAS [7783-93-9]; **Melting Point:** 485°C (905°F); **Density:** 2.806g/cm³ at 20°C; **UN:** 1481; White

Sodium Acetate Trihydrate HPLC Grade



Quantity	Packaging	Cat. No.
1kg	Poly Bottle	S220-1

99 to 101%; C₂H₃O₂Na·3H₂O; CH₃COONa·3H₂O; F.W. 136.08; CAS [6131-90-4]; **Melting Point:** 57.78°C; **Boiling Point:** 122.78°C; **Density:** 1.45g/mL; Also meets ACS specifications;



Sodium Acetate Trihydrate USP/FCC



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S608-500
3kg	Poly Bottle	S608-3
12kg	Poly Pail	S608-12

Granular; $C_2H_3O_2Na \cdot 3H_2O$; $CH_3COONa \cdot 3H_2O$; **F.W.** 136.08; CAS [6131-90-4]; **Melting Point:** 57.78°C; **Boiling Point:** 122.78°C; **Density:** 1.45g/mL



Sodium Acetate Trihydrate Certified ACS



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	S209-3
10kg	Poly Pail	S209-10
50kg	Fiber Drum	S209-50
500g	Poly Bottle	S209-500

Crystalline; 99.0 to 101.0%; $C_2H_3O_2Na \cdot 3H_2O$; $CH_3COONa \cdot 3H_2O$; **F.W.** 136.08; CAS [6131-90-4]; **Melting Point:** 57.78°C; **Boiling Point:** 122.78°C; **Density:** 1.45g/mL



Sodium Azide Laboratory Grade



Quantity	Packaging	Cat. No.
25g	Poly Bottle	S2271-25
100g	Poly Bottle	S2271-100
500g	Poly Bottle	S2271-500
1kg	Poly Bottle	S2271-1

Granular; $\geq 99\%$; Sodium Trinitride; NaN_3 ; **F.W.** 65.01; CAS [26628-22-8]; **Melting Point:** 275°C (decom); **Boiling Point:** 300°C; **Density:** 1.85g/mL; **DOT Class 6.1:** Poison; **UN:** 1687



Sodium Azide Practical Grade



Quantity	Packaging	Cat. No.
100g	Glass Bottle	MSX03001

Crystalline; 97%, min.; Sodium Trinitride; NaN_3 ; **F.W.** 65.1; CAS [26628-22-8]; Light yellow to off-white

Sodium Bicarbonate USP/FCC/EP/BP/JP



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	S637-212
12kg	Poly Pail	S637-12

Crystalline Powder; $NaHCO_3$; **F.W.** 84.01; CAS [144-55-8]; **Melting Point:** 270°C; **Density:** 2.16g/mL



Sodium Bicarbonate USP/FCC



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	S631-3
10kg	Poly Pail	S631-10
50kg	Fiber Drum	S631-50

Powder; Sodium Acid Carbonate, Sodium Hydrogen Carbonate; $NaHCO_3$; **F.W.** 84.01; CAS [144-55-8]; **Melting Point:** 270°C; **Density:** 2.16g/mL



Sodium Bicarbonate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S233-500
3kg	Poly Bottle	S233-3
10kg	Poly Pail	S233-10
50kg	Fiber Drum	S233-50
300 lb.	Fiber Drum	S233-300LB

Powder; 99.7 to 100.3%; Sodium Acid Carbonate, Carbonic Acid Monosodium Salt, Sodium Hydrogen Carbonate; $NaHCO_3$; **F.W.** 84.01; CAS [144-55-8]; **Melting Point:** 270°C; **Density:** 2.16g/mL



Sodium Bicarbonate ACS Reagent



Quantity	Packaging	Cat. No.
25kg	Fiber Drum	AC42427-0251

$\geq 99.7\%$; Sodium Hydrogen Carbonate; $CHNaO_3$; $NaHCO_3$; **F.W.** 84.01; CAS [144-55-8]; **Melting Point:** 270.0°C

Sodium Bicarbonate ACS Grade, EP



Quantity	Packaging	Cat. No.
500g	Poly Bottle	MSX03201
2.5kg	Poly Bottle	MSX03203

Sodium Bicarbonate; $CHNaO_3$; $NaHCO_3$; **F.W.** 84.1; CAS [144-55-8]; **Melting Point:** 27°C (decomposition); **Density:** 2.22g/cm³ (20°C); EMSURE™, For Analysis

Sodium Bismuthate ACS Reagent



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC44813-0250
100g	Glass Bottle	AC44813-1000

$BiNaO_3$; $NaBiO_3$; **F.W.** 279.96; CAS [12232-99-4]

Sodium Bisulfate Monohydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S240-500
3kg	Poly Bottle	S240-3

Crystalline; Salt Cake, Sodium Acid Sulfate, Sodium Hydrogen Sulfate, Niter Cake; $NaHSO_4 \cdot H_2O$; **F.W.** 138.07; CAS [10034-88-5]; **Melting Point:** 183°C; **Density:** 2.12g/mL; **DOT Class 8:** Corrosive; **UN:** 3260



Sodium Bisulfite Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S654-500
3kg	Poly Bottle	S654-3

Powder; Sodium Hydrogen Sulfite; $HNaO_3S$; CAS [7631-90-5, 7681-57-4, 7757-82-6]; **Melting Point:** 150°C (decom); **Density:** 1.48g/mL; Mixture of $NaHSO_3$ and $Na_2S_2O_5$.



Sodium Borate ACS Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	MSX03551

$Na_2B_4O_7 \cdot 10H_2O$; **F.W.** 381.37; Decahydrate

Sodium Borohydride



Quantity	Packaging	Cat. No.
10g	Poly Bottle	S678-10
25g	Poly Bottle	S678-25

Powder; H_2BNA ; **F.W.** 37.83; CAS [16940-66-2];
Density: 1.3g/mL; **DOT Class 4.3:** Dangerous When Wet;
UN: 1426

ChemAlert® Storage Code
 RED

Sodium Borohydride



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC20005-1000

99%; Sodium Tetrahydroborate, SBH; H_2BNA ; $NaBH_4$; **F.W.** 37.83;
 CAS [16940-66-2]; **Melting Point:** 360.0°C; **UN:** 1426

Sodium Borohydride



Quantity	Packaging	Cat. No.
2.5kg	Plastic Drum	AC18930-0025

≥98%; Sodium Tetrahydroborate, SBH; H_2BNA ; $NaBH_4$; **F.W.** 37.83;
 CAS [16940-66-2]; **Melting Point:** 360.0°C; **UN:** 1426

Sodium Borohydride

BAKER



Quantity	Packaging	Cat. No.
100g	Poly Bottle	02004004

98%; $NaBH_4$; **F.W.** 37.83; CAS [16940-66-2];
Recommended Storage: Product is packaged under Nitrogen blanket

Sodium Bromide

Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S255-500
3kg	Glass Bottle	S255-3

Granular; ≥99%; $BrNa$; **F.W.** 102.89; CAS [7647-15-6];
Melting Point: 755°C; **Boiling Point:** 1390°C;
Density: 3.21g/mL

ChemAlert® Storage Code
 GRAY

Sodium Bromide

ACS Grade



Quantity	Packaging	Cat. No.
500g	----	AA3644436

Crystalline; ≤99.0%; $NaBr$; **F.W.** 102.89; CAS [7647-15-6];
Melting Point: 755°C; **Boiling Point:** 1390°C; **Density:** 3.203g/mL

Sodium Butyrate



Quantity	Packaging	Cat. No.
100g	----	AAA1107922
500g	----	AAA1107936

>98%; Butyric Acid Sodium Salt; $C_4H_7NaO_2$; **F.W.** 110.09;
 CAS [156-54-7]; **Melting Point:** >300°C

Sodium Carbonate

ACS Reagent



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC42428-5000

99.6%; CNa_2O_3 ; Na_2CO_3 ; **F.W.** 105.99; CAS [497-19-8];
Melting Point: 851.0°C; **Boiling Point:** 1600.0°C

Sodium Carbonate, Anhydrous

HPLC Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S495-500

≥99.5%; Carbonic Acid Disodium Salt, Soda Ash; Na_2CO_3 ;
F.W. 105.99; CAS [497-19-8]; **Melting Point:** 851°C;
Boiling Point: 1600°C; **Density:** 2.53g/mL
 Powder; Also meets ACS specifications

ChemAlert® Storage Code
 GRAY

Sodium Carbonate, Anhydrous

Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S263-500
1kg	Poly Bottle	S263-1
3kg	Poly Bottle	S263-3
10kg	Poly Pail	S263-10
50kg	Fiber Drum	S263-50

Powder; ≥99.5%; Soda Ash; Na_2CO_3 ; **F.W.** 105.99;
 CAS [497-19-8]; **Melting Point:** 851°C; **Boiling Point:** 1600°C;
Density: 2.53g/mL

ChemAlert® Storage Code
 GRAY

Sodium Carbonate, Anhydrous

Laboratory Grade



Quantity	Packaging	Cat. No.
10kg	Poly Pail	S261-10

Calcined; Soda Ash; Na_2CO_3 ; **F.W.** 105.99; CAS [497-19-8];
Melting Point: 851°C; **Boiling Point:** 1600°C;
Density: 2.53g/mL

ChemAlert® Storage Code
 GRAY

Sodium Carbonate, Anhydrous



Quantity	Packaging	Cat. No.
100g	----	AA1086122

Powder; 99.997% (Metal Basis); Na_2CO_3 ; **F.W.** 105.99; CAS [497-19-8];
Melting Point: 851°C (1564°F); **Density:** 2.53g/cm³ at 20°C; White

Sodium Carbonate, Anhydrous

ACS Grade



Quantity	Packaging	Cat. No.
12kg	Poly Pail	MSX03955

White Powder; 99.5% min.; Soda; Na_2CO_3 ; **F.W.** 105.99; CAS [497-19-8]

Sodium Carbonate Monohydrate

NF/FCC



Quantity	Packaging	Cat. No.
10kg	Poly Pail	S636-10

Crystalline; Soda Crystals; $Na_2CO_3 \cdot H_2O$; **F.W.** 124;
 CAS [5968-11-6]; **Melting Point:** 851°C; **Density:** 2.25g/mL

ChemAlert® Storage Code
 GRAY

Sodium Carbonate Monohydrate

Certified ACS



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	S262-3

Crystalline; ≥99.5%; $Na_2CO_3 \cdot H_2O$; **F.W.** 124; CAS [5968-11-6];
Melting Point: 851°C; **Density:** 2.25g/mL

ChemAlert® Storage Code
 GRAY

Sodium Chlorate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S268-500

Crystalline; NaClO₃; **F.W.** 106.44; CAS [7775-09-9];
Melting Point: 248° to 261°C (478.4° to 501.8°F);
Density: 2.49g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1495



Sodium Chlorate ACS Reagent



Quantity	Packaging	Cat. No.
100g	Plastic Bottle	AC44641-1000

99%; ClNaO₃; NaClO₃; **F.W.** 106.44; CAS [7775-09-9];
Melting Point: 248.0°C to 261.0°C; **Density:** 2.4900g/mL

Sodium Chloride USP/FCC/EP/BP/JP



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S642-500
2.5kg	Poly Bottle	S642-212
12kg	Poly Pail	S642-12
350 lb.	Poly Drum	S642-350LB

Colorless to White Crystalline Granules; NaCl; **F.W.** 58.44;
CAS [7647-14-5]; **Melting Point:** 801°C (1474°F);
Boiling Point: 1461°C; **Density:** 2.17g/mL
This product is not intended for dialysis, parenteral or injectable use without further processing.



Sodium Chloride USP/FCC/EP/BP



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S641-500
2.5kg	Poly Bottle	S641-212
350 lb.	Poly Drum	S641P-350LB

Colorless to White Crystalline Granules; Salt; NaCl; **F.W.** 58.44;
CAS [7647-14-5];



Sodium Chloride USP/FCC



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S640-500
3kg	Poly Bottle	S640-3
10kg	Poly Pail	S640-10
50kg	Fiber Drum	S640-50
350 lb.	Fiber Drum	S640-350LB

Granular; Salt; NaCl; **F.W.** 58.44; CAS [7647-14-5];
Melting Point: 801°C (1474°F); **Boiling Point:** 1461°C;
Density: 2.17g/mL;



Sodium Chloride Suprapur™



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	M1064060500

Colorless Solid; 99.99%; NaCl; **F.W.** 58.44; CAS [7647-14-5];
Melting Point: 801°C (1474°F); **Boiling Point:** 1461°C (1013 hPa);
Density: 2.17g/cm³ (20°C); Sodium Chloride

Sodium Chloride Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S271-500
1kg	Poly Bottle	S271-1
3kg	Poly Bottle	S271-3
10kg	Poly Pail	S271-10
50kg	Fiber Drum	S271-50
350 lb.	Fiber Drum	S271-350LB

Crystalline; ≥99.0%; Salt; NaCl; **F.W.** 58.44; CAS [7647-14-5];
Melting Point: 801°C (1474°F); **Boiling Point:** 1461°C;
Density: 2.17g/mL
Actual Lot Analysis is reported on label.



Sodium Chloride ACS Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	MSX04201
2.5kg	Poly Bottle	MSX04203
12kg	Poly Pail	MSX04205

ClNa; NaCl; **F.W.** 58.44; CAS [7647-14-5]; **Melting Point:** 81°C;
Boiling Point: 1461°C (1013 hPa); **Density:** 2.17g/cm³ (20°C);
Certipure™, Secondary Reference Material For Argentometry

Sodium Chloride Certified Biological



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S671-500
3kg	Poly Bottle	S671-3
10kg	Poly Pail	S671-10

Crystalline; ≥99.0%; Salt; NaCl; **F.W.** 58.44; CAS [7647-14-5];
Melting Point: 801°C (1474°F); **Boiling Point:** 1461°C;
Density: 2.17g/mL



Sodium Chloride ACS Reagent



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC42429-5000
1kg	Plastic Bottle	AC42429-0010

≥99%; ClNa; NaCl; **F.W.** 58.44; CAS [7647-14-5]; **Melting Point:** 801.0°C;
Boiling Point: 1461.0°C

Sodium Chloride BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	02004045

Crystal; NaCl; **F.W.** 58.44; CAS [7647-14-5]
Meets ACS Reagent Chemical Requirements

Sodium Chloride



Quantity	Packaging	Cat. No.
100g	----	AA1086222

Crystalline; 99.999% (Metal Basis); ClNa; **F.W.** 58.44; CAS [7647-14-5];
Melting Point: 801°C (1474°F); **Boiling Point:** 1413°C (2575°F);
Density: 2.165g/cm³ at 20°C; White

Sodium Chlorite Technical Grade

Afa Aesar

Quantity	Packaging	Cat. No.
2kg	----	AA14265A3

White Flake/Powder; Nominally 80%; ClNaO_2 ; **FW.** 90.44; CAS [7758-19-2, 7775-09-9, 1310-73-2, 497-19-8, 7647-14-5, 7757-82-6]; **UN:** 1496; White

Sodium Cyanide Certified ACS

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	S2841-100
500g	Glass Bottle	S2841-500

Granular; NaCN; **FW.** 49.01; CAS [143-33-9]; **DOT Class 6.1:** Poison; **UN:** 1689

ChemAlert®
Storage Code
BLUE

Sodium Cyanoborohydride

ACROS ORGANICS

Quantity	Packaging	Cat. No.
10g	Glass Bottle	AC16855-0100
50g	Glass Bottle	AC16855-0500

95%; Sodium Cyanotrihydroborate; CH_3BNNa ; NaBH_3CN ; **FW.** 62.84; CAS [25895-60-7]; **Melting Point:** >242.0°C; **UN:** 3134

ChemAlert®
Storage Code
RED

Sodium Dichromate Dihydrate Technical Grade

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	S234-500
10kg	Poly Pail	S234-10

Granular; $\text{Na}_2\text{Cr}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$; **FW.** 298; CAS [7789-12-0]; **Melting Point:** 357°C; **Boiling Point:** 400°C; **Density:** 2.35g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1479

ChemAlert®
Storage Code
YELLOW

Sodium Dodecyl Sulfate Ultrapure Bioreagent

J.T.Baker

Quantity	Packaging	Cat. No.
1kg	Poly Bottle	02004082
2kg	Poly Pail	02004084

SDS; $\text{CH}_3(\text{CH}_2)_{11}\text{OSO}_3\text{Na}$; **FW.** 288.38; CAS [151-21-3]; **Flash Point:** 170.00°C

Sodium Fluoride Certified ACS

F

Quantity	Packaging	Cat. No.
100g	Poly Bottle	S299-100
500g	Poly Bottle	S299-500
3kg	Poly Bottle	S299-3

Powder; ≥99%; NaF; **FW.** 41.99; CAS [7681-49-4]; **Melting Point:** 993°C; **Boiling Point:** 1704°C; **Density:** 2.78g/mL; **DOT Class 6.1:** Poison; **UN:** 1690

ChemAlert®
Storage Code
BLUE

Sodium Hexametaphosphate Technical Grade

Afa Aesar

Quantity	Packaging	Cat. No.
1kg	----	AA14706A1
5kg	----	AA14706A7

White Granules; Sodium Metaphosphate; $\text{Na}_6\text{O}_{18}\text{P}_6$; **FW.** 611.77; CAS [10124-56-8]; **Melting Point:** 628°C (1162°F); White

Sodium Hexametaphosphate

M END HELLPORE

Quantity	Packaging	Cat. No.
3kg	Poly Bottle	MSX05833

Granular; Hexasodium Metaphosphate, Hexasodium Salt; $(\text{NaPO}_3)_6$; **FW.** 611.8; CAS [10124-56-8]; White

Sodium Hydride, 60% Dispersion in Mineral Oil

ACROS ORGANICS

Quantity	Packaging	Cat. No.
2kg	Plastic Bag in Metal Can	AC33214-0020

HN₂; NaH; **FW.** 24.00; CAS [7646-69-7, 8042-47-5]; **Melting Point:** 800.0°C; **Density:** 1.2000g/mL; **UN:** 1427

Sodium Hydrosulfite Laboratory Grade

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	S310-500

Powder; Sodium Dithionite; $\text{Na}_2\text{O}_4\text{S}_2$; **FW.** 174.10; CAS [7775-14-6]; **Melting Point:** 55°C; **Density:** 1.4g/mL; **DOT Class 4.2:** Spontaneously Combustible; **UN:** 1384

ChemAlert®
Storage Code
RED

Sodium Hydroxide ACS Reagent

ACROS ORGANICS

Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC42433-5000
2.5kg	Plastic Bottle	AC42433-0025

≥97%; Caustic Soda; HNaO; NaOH; **FW.** 40.00; CAS [1310-73-2]; **Melting Point:** 318.0°C; **Boiling Point:** 1390.0°C; **UN:** 1823

Sodium Hypochlorite

ACROS ORGANICS

Quantity	Packaging	Cat. No.
2.5L	Plastic Bottle	AC41955-0025

ClNaO ; NaOCl; **FW.** 74.44; CAS [7681-52-9, 7732-18-5]; **Density:** 1.0830g/mL; **UN:** 1791

Sodium Hypochlorite

Afa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA3336936
10kg	----	AA33369A9

Liquid; ClNaO ; **FW.** 74.44; CAS [7681-52-9]; **Density:** 1.2g/cm³ at 20°C; Light yellow

Sodium Iodate Certified ACS

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	S322-100

Powder; INaO_3 ; **FW.** 197.89; CAS [7681-55-2]; **Density:** 4.28g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1479

ChemAlert®
Storage Code
YELLOW

Sodium Iodide USP

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	S473-500

Granular; 99.0 to 101.5%; INa; **FW.** 149.89; CAS [7681-82-5]; **Melting Point:** 661°C; **Boiling Point:** 1300°C; **Density:** 3.67g/mL

ChemAlert®
Storage Code
GRAY

Sodium Iodide Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	S324-100
500g	Glass Bottle	S324-500

Crystalline; INa; **F.W.** 149.89; CAS [7681-82-5];
Melting Point: 661°C; **Boiling Point:** 1300°C; **Density:** 3.67g/mL



Sodium Iodide ACS Reagent



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC41957-1000

INa; NaI; **F.W.** 149.89; CAS [7681-82-5]; **Melting Point:** 661°C;
Boiling Point: 1300°C; **Density:** 3.66g/mL

Sodium Iodide Pure



Quantity	Packaging	Cat. No.
10kg	Plastic Bucket	AC20318-0100

≥99%; INa; NaI; **F.W.** 149.89; CAS [7681-82-5]; **Melting Point:** 661.0°C;
Boiling Point: 1300.0°C; **Density:** 3.6600g/mL

Sodium Metabisulfite Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S244-500
3kg	Glass Bottle	S244-3

Powder; ≥97%; Sodium Pyrosulfite, Disodium Disulfite;
 $\text{Na}_2\text{S}_2\text{O}_5$; **F.W.** 190.11; CAS [7681-57-4]; **Melting Point:** 150°C;
Density: 1.4g/mL



Sodium Metaperiodate ACS Grade

Alfa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA4430922
500g	----	AA4430936

White Powder; 99.8 to 100.3%; Sodium periodate; INaO_4 ; **F.W.** 213.89;
CAS [7790-28-5]; **Melting Point:** 300°C (572°F);
Density: 3.86g/cm³ at 20°C; **UN:** 1479; White; 0.02%, Mn 3ppm

Sodium Metaperiodate

Alfa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA1379836

Colorless Powder; 98%; Sodium Periodate; INaO_4 ; **F.W.** 213.89;
CAS [7790-28-5]; **Melting Point:** 300°C (572°F); **Density:** 4.174g/cm³;
UN: 1479; Colorless; Source of periodic acid, as an analytical reagent,
and as an oxidizing agent.

Sodium meta-Periodate BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
500g	Poly Bottle	02004172

NaIO_4 ; **F.W.** 213.89; CAS [7790-28-5]
Meets ACS Reagent Chemical Requirements

Sodium meta-Silicate Pentahydrate Technical Grade



Quantity	Packaging	Cat. No.
3kg	Glass Bottle	S407-3

Crystalline; Sodium Silicate; $\text{Na}_2\text{SiO}_3 \cdot 5\text{H}_2\text{O}$; **F.W.** 212.15;
CAS [10213-79-3]; **Melting Point:** 72°C; **Density:** 1.75g/mL;
DOT Class 8: Corrosive; **UN:** 3253



Sodium Metatungstate Monohydrate

Alfa Aesar

Quantity	Packaging	Cat. No.
250g	----	AA2253430
4 x 250g	----	AA2253456

White Powder; Sodium Tungstate (meta), Sodium Polytungstate;
 $\text{Na}_6\text{O}_{38}\text{W}_{12}\text{H}_2\text{O}$; **F.W.** 2986.13 (2968.12 anhy); CAS [12141-67-2];
Density: 5.47g/cm³; White

Sodium Molybdate Dihydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S336-500
3kg	Glass Bottle	S336-3

Crystalline Powder; 99.5 to 103.0%; $\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$;
F.W. 241.95; CAS [10102-40-6]; **Density:** 3.28g/mL



Sodium Molybdate(VI) Dihydrate ACS Reagent



Quantity	Packaging	Cat. No.
25g	Plastic Bottle	AC44636-0250

$\text{MoNa}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$; $\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$; **F.W.** 241.95; CAS [10102-40-6];
Density: 3.2800g/mL

Sodium Nitrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S343-500
3kg	Poly Bottle	S343-3

Crystalline; ≥99%; Chili Saltpeter, Soda Niter, Nitric Acid
Sodium Salt; NNaO_3 ; **F.W.** 84.99; CAS [7631-99-4];
Melting Point: 306°C;
Boiling Point: 380°C; **Density:** 2.26g/mL;
DOT Class 5.1: Oxidizer; **UN:** 1498



Sodium Nitrate Laboratory Grade



Quantity	Packaging	Cat. No.
3kg	Glass Bottle	S342-3

Granular; NNaO_3 ; **F.W.** 84.99; CAS [7631-99-4];
Melting Point: 306°C; **Boiling Point:** 380°C;
Density: 2.26g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1498;



Sodium Nitrate ACS Reagent



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC42434-5000

White Crystals; 99+%; NNaO_3 ; NaNO_3 ; **F.W.** 84.99; CAS [7631-99-4];
Melting Point: 306°C; **Boiling Point:** 380.0°C; **UN:** 1498

Sodium Nitrate

Alfa Aesar

Quantity	Packaging	Cat. No.
25g	----	AA1087314

Powder; 99.999% (Metal Basis); NaNO_3 ; **F.W.** 84.99; CAS [7631-99-4];
Melting Point: 308°C (586°F); **Density:** 2.26g/cm³ at 20°C; **UN:** 1498

Sodium Nitrate ACS Grade, EP



Quantity	Packaging	Cat. No.
12kg	Poly Pail w/Handles	MSX06657

White Powder or Colorless Crystals; 99.0% min.; Nitrate of Soda; NNaO_2 ; NaNO_2 ; **F.W.** 69.; CAS [7632-00-0];
Melting Point: 28°C (decomposition);
Boiling Point: 320°C (decomposition); **Density:** 2.1g/cm³ (20°C);
 EMSURE™, For Analysis

Sodium Persulfate



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC20202-5000
1kg	Plastic Bottle	AC20202-0010
5kg	Plastic Bottle	AC20202-0050

White to Yellowish Crystalline powder or Crystals; 98+%; Sodium Peroxydisulfate; $\text{Na}_2\text{O}_8\text{S}_2$; $\text{Na}_2\text{S}_2\text{O}_8$; **F.W.** 238.09; CAS [7775-27-1]; **Melting Point:** 100°C (212°F); **UN:** 1505

Sodium Nitroferrocyanide Dihydrate Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	S350-100

Crystalline; 99.0 to 102.0%; Sodium Nitroprusside Dihydrate; $\text{C}_5\text{FeN}_6\text{O}\cdot\text{Na}_2\cdot 2\text{H}_2\text{O}$; $\text{Na}_2\text{Fe}(\text{CN})_5(\text{NO})\cdot 2\text{H}_2\text{O}$; **F.W.** 297.95; CAS [13755-38-9]; **Density:** 1.72g/mL; **DOT Class 6.1:** Poison; **UN:** 2811



Sodium Phosphate, Dibasic ACS Reagent



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC42437-5000

≥99%; Disodium hydrogen phosphate; $\text{HNa}_2\text{O}_4\text{P}$; Na_2HPO_4 ; **F.W.** 141.96; CAS [7558-79-4]

Sodium Perchlorate, Anhydrous



Quantity	Packaging	Cat. No.
1kg	Plastic Bottle	MSX06921

F.W. 122.44; NaClO_4 ; Meets ACS Specifications; Meets Reagent Specifications for testing USP/NF monographs; CAS [7601-89-0]

Sodium Perchlorate Monohydrate HPLC Grade



Quantity	Packaging	Cat. No.
100g	Glass Bottle	S490-100
500g	Glass Bottle	S490-500

$\text{NaClO}_4\cdot\text{H}_2\text{O}$; **F.W.** 140.46; CAS [7791-07-3]; **Melting Point:** 482°C; **Density:** 2.02g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1502



Sodium Phosphate, Dibasic, Anhydrous USP/FCC/EP



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	S379-212
12kg	Poly Pail	S379-12

Powder; Monohydrogen Sodium Phosphate, Disodium Hydrogen Phosphate; Na_2HPO_4 ; **F.W.** 141.96; CAS [7558-79-4]



Sodium Phosphate, Dibasic, Anhydrous USP



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S375-500
2.5kg	Poly Bottle	S375-212
12kg	Poly Pail	S375-12

Granular; Monohydrogen Sodium Phosphate, Disodium Hydrogen Phosphate; Na_2HPO_4 ; **F.W.** 141.96; CAS [7558-79-4]; **Melting Point:** 47.78°C; **Density:** 1.67g/mL



Sodium Peroxide Certified ACS



Quantity	Packaging	Cat. No.
500g	Tin Can	S363-500

≥93.0%; Na_2O_2 ; **F.W.** 77.98; CAS [1313-60-6, 1310-73-2]; **Melting Point:** 460°C; **Density:** 2.8g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1504; Suitable for use in calorimetry.



Sodium Peroxydisulfate

Alfa Aesar

Quantity	Packaging	Cat. No.
5kg	----	AA54100A7

Crystalline; 98%; Sodium Persulfate; $\text{Na}_2\text{S}_2\text{O}_8$; **F.W.** 238.10; CAS [7775-27-1]; **Density:** 2.40 g/mL

Sodium Persulfate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	06114-500
1kg	Poly Bottle	06114-1

White Crystalline Solid; ≥98.0%; Sodium Peroxydisulfate; $\text{Na}_2\text{S}_2\text{O}_8$; **F.W.** 238.09; CAS [7775-27-1]; **Melting Point:** 100°C (212°F); **Density:** 2.6g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1505



Sodium Phosphate, Dibasic, Anhydrous Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S374-500
1kg	Poly Bottle	S374-1
3kg	Glass Bottle	S374-3
50kg	Fiber Drum	S374-50
250 lb.	Fiber Drum	S374-250LB

Powder or Granular; ≥99%; Monohydrogen Sodium Phosphate, Disodium Hydrogen Phosphate; Na_2HPO_4 ; **F.W.** 141.96; CAS [7558-79-4]; **Melting Point:** 47.78°C; **Density:** 1.67g/mL



Sodium Phosphate, Dibasic, Anhydrous Laboratory Grade



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	S393-3

Powder; Monohydrogen Sodium Phosphate, Disodium Hydrogen Phosphate; Na_2HPO_4 ; **F.W.** 141.96; CAS [7558-79-4]; **Melting Point:** 47.78°C; **Density:** 1.67g/mL



Sodium Phosphate, Dibasic, Anhydrous ACS Grade



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	MSX07205

Na_2HPO_4 ; **F.W.** 141.96; CAS [7558-79-4]

Sodium Phosphate, Dibasic, Anhydrous BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
500g	Poly Bottle	02004224
2.5kg	Poly Bottle	02004225

Na₂HPO₄; **F.W.** 141.96; CAS [7558-79-4]
Meets ACS Reagent Chemical Requirements

Sodium Phosphate, Dibasic, Dihydrate USP/FCC/EP/BP



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S472-500
2.5kg	Poly Bottle	S472-212

White Crystals or Granules; Na₂HPO₄·2H₂O; **F.W.** 177.99;
CAS [10028-24-7]



Sodium Phosphate, Dibasic, Dodecahydrate Extra Pure



Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC44725-5000
2.5kg	Plastic Bottle	AC44725-0025

99%; Disodium Hydrogen Phosphate Dodecahydrate; HNa₂O₄P·12H₂O;
F.W. 358.13; CAS [10039-32-4]; **Melting Point:** 35.0°C

Sodium Phosphate, Dibasic, Heptahydrate USP



Quantity	Packaging	Cat. No.
3kg (6.6 lb.)	Poly Bottle	S471-3

Granular; Monohydrogen Sodium Phosphate, Disodium Hydrogen Phosphate; HNa₂O₄P·7H₂O; **F.W.** 268.07;
CAS [7782-85-6]; **Melting Point:** 48°C; **Density:** 1.68g/mL



Sodium Phosphate, Dibasic, Heptahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S373-500
3kg	Poly Bottle	S373-3

Crystalline; 98 to 102%; Monohydrogen Sodium Phosphate, Disodium Hydrogen Phosphate; HNa₂O₄P·7H₂O; **F.W.** 268.07; CAS [7782-85-6];
Melting Point: 48°C; **Density:** 1.68g/mL



Sodium Phosphate, Dibasic, Heptahydrate



Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC20651-0025

≥99%; Disodium hydrogen phosphate heptahydrate; HNa₂O₄P·7H₂O;
Na₂HPO₄·7H₂O; **F.W.** 268.07; CAS [7782-85-6]; **Melting Point:** 48.0°C

Sodium Phosphate, Dibasic, Heptahydrate ACS Grade



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	MSX07153

Na₂HPO₄·7H₂O; **F.W.** 268.07; CAS [7782-85-6]

Sodium Phosphate, Monobasic, Dihydrate BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	02004220

NaH₂PO₄·2H₂O; **F.W.** 155.99; CAS [13472-35-0];
Meets USP Requirements

Sodium Phosphate, Monobasic, Dihydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S381-500
3kg	Poly Bottle	S381-3

Crystalline; ≥99%; Monosodium Orthophosphate, Monosodium Phosphate, Sodium Acid Phosphate, Sodium Biphosphate, Sodium Dihydrogen Phosphate; H₂NaO₄P·2H₂O;
F.W. 156.01; CAS [13472-35-0]; **Melting Point:** 225°C



Sodium Phosphate, Monobasic, Monohydrate USP/FCC



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S468-500

Crystalline Granular; Monosodium Orthophosphate, Sodium Acid Phosphate, Sodium Biphosphate, Sodium Dihydrogen Phosphate; H₂O₄PNa·H₂O; **F.W.** 137.99; CAS [10049-21-5];
Melting Point: 100°C (212°F); **Boiling Point:** 203.89°C; **Density:** 2.04g/mL



Sodium Phosphate, Monobasic, Monohydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S369-500
1kg	Poly Bottle	S369-1
3kg	Poly Bottle	S369-3
50kg	Fiber Drum	S369-50

Crystalline; 98 to 102%; Monosodium Orthophosphate, Monosodium Phosphate, Sodium Acid Phosphate, Sodium Biphosphate, Sodium Dihydrogen Phosphate; H₂O₄PNa·H₂O;
F.W. 137.99; CAS [10049-21-5]; **Melting Point:** 100°C (212°F);
Boiling Point: 203.89°C; **Density:** 2.04g/mL



Sodium Phosphate, Monobasic, Monohydrate ACS Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	MSX07101

NaH₂PO₄·H₂O; **F.W.** 137.99; CAS [10049-21-5]

Sodium Phosphate, Monobasic, Monohydrate USP



Quantity	Packaging	Cat. No.
2.5kg	Poly Bottle	MK7774212

NaH₂PO₄·H₂O; **F.W.** 137.99; CAS [10049-21-5]

Sodium Phosphate, Tribasic, Dodecahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S377-500
3kg	Poly Bottle	S377-3
50kg	Fiber Drum	S377-50

Crystalline; 98 to 102%; Phosphoric Acid Trisodium Salt, Trisodium Phosphate; Na₃PO₄·12H₂O; **F.W.** 380.12;
CAS [10101-89-0]; **Melting Point:** 75°C; **Density:** 1.62g/mL



Sodium Phosphate, Tribasic, Dodecahydrate Technical Grade



Quantity	Packaging	Cat. No.
3kg	Poly Bottle	S376-3
50kg	Fiber Drum	S376-50

Granular; 99 to 122%; Trisodium Phosphate; Na₃PO₄·12H₂O;
F.W. 380.12; CAS [10101-89-0]; **Melting Point:** 75°C;
Density: 1.62g/mL



Sodium Phosphate, Tribasic, Dodecahydrate ACS Grade



Quantity	Packaging	Cat. No.
2.5kg	Glass Bottle	MSX07253

Colorless Crystalline; 98.0 to 102.0%; Tri-Sodium Phosphate, Dodecahydrate; Na₃PO₄·12H₂O; F.W. 380.12; CAS [10101-89-0]; For ACS analysis

Sodium Pyrophosphate Decahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S390-500
3kg	Poly Bottle	S390-3
10kg	Poly Pail	S390-10

Crystalline; 99 to 103%; Tetrasodium Pyrophosphate; Na₄P₂O₇·10H₂O; F.W. 446.06; CAS [13472-36-1]; **Melting Point:** 80°C; **Boiling Point:** 93.8°C; **Density:** 1.8g/mL



Sodium Pyrophosphate Decahydrate ACS Grade

Afa Aesar

Quantity	Packaging	Cat. No.
500g	----	AA3338536

Crystalline; 99.0 to 103.0%; Sodium Pyrophosphate, Tetrasodium Pyrophosphate; Na₄O₇P₂·10H₂O; F.W. 446.06 (265.90 anhy); CAS [13472-36-1]; **Melting Point:** 79.5°C; **Density:** 1.82 g/mL

Sodium Sulfate



Quantity	Packaging	Cat. No.
500g	Glass Bottle	MSX0760E1
45kg	Fiber Drum w/Bag	MSX0760E20

Granular; Na₂SO₄; F.W. 142.04; **Melting Point:** 887.9°C (1630.2°F); 10-60 Mesh

Sodium Sulfate

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
500g	Plastic Bottle	AC21875-5000

≥99%; Na₂O₃S; Na₂SO₄; F.W. 142.04; CAS [7757-82-6]; **Melting Point:** 884.0°C; **Boiling Point:** >1700.0°C

Sodium Sulfate ACS Reagent

ACRÖS ORGANICS

Quantity	Packaging	Cat. No.
1kg	Plastic Bottle	AC35425-0010

≥99%; Na₂O₃S; Na₂SO₄; F.W. 142.04; CAS [7757-82-6]; **Melting Point:** 884.0°C; **Boiling Point:** >1700.0°C; 10 to 60 Mesh (80%)

Sodium Sulfate ULTRA RESI-ANALYZED™, ACS Reagent



Quantity	Packaging	Cat. No.
500g	Wide Mouth Amber Glass Bottle	02004233

Granular; Na₂SO₄; F.W. 142.04; CAS [7757-82-6]; 12-60 Mesh; 5.2 to 9.2

Sodium Sulfate, Anhydrous USP/FCC



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S429-500
2.5kg	Poly Bottle	S429-212
12kg	Poly Pail	S429-12
250 lb.	Fiber Drum	S429-250LB

Powder; Na₂SO₄; F.W. 142.04; CAS [7757-82-6]; **Melting Point:** 884° to 888°C (1623.2° to 1630.4°F); **Boiling Point:** 1700°C; **Density:** 2.68g/mL



Sodium Sulfate, Anhydrous Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S421-500
1kg	Poly Bottle	S421-1
3kg	Glass Bottle	S421-3
10kg	Poly Pail	S421-10
50kg	Fiber Drum	S421-50
300 lb.	Fiber Drum	S421-300LB

Granular; ≥99.0%; Na₂SO₄; F.W. 142.04; CAS [7757-82-6]; **Melting Point:** 884° to 888°C (1623.2° to 1630.4°F); **Boiling Point:** 1700°C; **Density:** 2.68g/mL



Sodium Sulfate, Anhydrous Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S415-500
1kg	Poly Bottle	S415-1
2.5kg	Glass Bottle	S415-212
10kg	Poly Pail	S415-10S
200 lb.	Fiber Drum	S415-200LB

Granular; ≥99.0%; Na₂SO₄; F.W. 142.04; CAS [7757-82-6]; **Melting Point:** 884° to 888°C (1623.2° to 1630.4°F); **Boiling Point:** 1700°C; **Density:** 2.68g/mL
10-60 Mesh; Suitable for pesticide residue analysis



Sodium Sulfate, Anhydrous



Quantity	Packaging	Cat. No.
3kg	Glass Bottle	S420-3
10kg	Poly Pail	S420-10

Na₂SO₄; F.W. 142.04; CAS [7757-82-6]; **Melting Point:** 884° to 888°C (623.2° to 1630.4°F); **Boiling Point:** 1700°C; **Density:** 2.68g/mL; Suitable for Kjeldahl analysis.



Sodium Sulfate, Anhydrous



Quantity	Packaging	Cat. No.
500g	Glass Bottle	MSX07601
2.5kg	Glass Bottle	MSX07603

White Granules; 99.0% min.; Na₂SO₄; F.W. 142.04; CAS [7757-82-6]; CAS [7757-82-6]

Sodium Sulfate, Anhydrous ACS Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	MSX07611

Powder; Na₂SO₄; F.W. 142.04; **Melting Point:** 887.9°C(1630.2°F)

Sodium Sulfate, Anhydrous



Quantity	Packaging	Cat. No.
12kg	Poly Pail	MSX07605

White Granules; 99.0% min.; Na₂SO₄; F.W. 142.04; CAS [7757-82-6]

Sodium Sulfate Decahydrate

Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S419-500

Crystalline; Na₂SO₄·10H₂O; F.W. 322.19; CAS [7727-73-3];
Melting Point: 32.4°C; Density: 1.46g/mL



Sodium Sulfide

Technical Grade



Quantity	Packaging	Cat. No.
2.5kg	Glass Bottle	S426-212

Flakes; Na₂S; F.W. 78.04; CAS [1313-82-2, 7732-18-5];
Melting Point: 91.67°C; Boiling Point: 174.44°C;
Density: 1.86g/mL; DOT Class 8: Corrosive; UN: 1849



Sodium Sulfide, Anhydrous

Alfa Aesar

Quantity	Packaging	Cat. No.
5g	----	AA6512206
25g	----	AA6512214

Granular; Na₂S; F.W. 78.04; CAS [1313-82-2]; Melting Point: 950°C;
Density: 1.856 g/mL

Sodium Sulfide Nonahydrate

Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S425-500
2.5kg	Glass Bottle	S425-212

Crystalline; ≥98.0%; Sodium Monosulfide; Na₂S·9H₂O;
F.W. 240.18; CAS [1313-84-4]; Melting Point: 50°C;
Boiling Point: 920°C; Density: 1.43g/mL;
DOT Class 8: Corrosive; UN: 1849



Sodium Sulfite, Anhydrous

Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S430-500
3kg	Glass Bottle	S430-3
10kg	Poly Pail	S430-10

Crystalline; ≥98%; Na₂O₃S; F.W. 126.04; CAS [7757-83-7];
Melting Point: >500°C (decom); Density: 2.63g/mL



Sodium Sulfite, Anhydrous

Low Phosphate



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S447-500

Crystalline; ≥98%; Na₂O₃S; F.W. 126.04; CAS [7757-83-7];
Melting Point: >500°C (decom); Density: 2.63g/mL
Also meets ACS specifications



Sodium Tetraborate Decahydrate

NF



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S246-500
2.5kg	Poly Pail	S246-212
12kg	Fiber Drum	S246-12

Powder or Granular; 99 to 105%; Sodium Borate, Sodium Pyroborate, Borax; B₄Na₂O₇·10H₂O; F.W. 381.37; CAS [1303-96-4]; Melting Point: 741°C;
Boiling Point: 1575°C; Density: 1.73g/mL



Sodium Tetraborate Decahydrate

Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S248-500
3kg	Poly Bottle	S248-3
10kg	Poly Pail	S248-10

Crystalline; 99.5 to 105.0%; Sodium Borate, Sodium Pyroborate, Borax; B₄Na₂O₇·10H₂O; F.W. 381.37; CAS [1303-96-4]; Melting Point: 741°C;
Boiling Point: 1575°C; Density: 1.73g/mL



Sodium Tetraborate Decahydrate

For Analysis



Quantity	Packaging	Cat. No.
10kg	Plastic Drum	AC20595-0100

99.5%; Borax, Sodium Borate Decahydrate; B₄Na₂O₇·10H₂O; Na₂B₄O₇·10H₂O; F.W. 381.36; CAS [1303-96-4];
Melting Point: 75.0°C

Sodium Thiocyanate

Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S441-500

Crystalline; ≥98%; Sodium Rhodanate, Sodium Sulfocyanate, Thiocyanic Acid Sodium Salt, Sodium Isothiocyanate; NaSCN; F.W. 81.07; CAS [540-72-7]; Melting Point: 287°C



Sodium Thiosulfate



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	AC12427-0010
2.5L	Plastic Bottle	AC12427-0025

Na₂O₃S₂; Na₂S₂O₃; F.W. 158.11; CAS [7772-98-7, 7732-18-5]

Sodium Thiosulfate

USP/FCC



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S474-500
3kg	Poly Bottle	S474-3

Crystalline; Na₂O₃S₂·5H₂O; F.W. 248.19; CAS [10102-17-7];
Melting Point: 48.5°C; Density: 1.73g/mL



Sodium Thiosulfate, Anhydrous



Quantity	Packaging	Cat. No.
1kg	Plastic Bottle	AC45062-0010
5kg	Plastic Bottle	AC45062-0050

99%; Na₂O₃S₂; Na₂S₂O₃; F.W. 158.10; CAS [7772-98-7];
Melting Point: 48.0°C

Sodium Thiosulfate, Anhydrous Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S446-500
3kg	Poly Bottle	S446-3

≥98%; Sodium Hyposulfite; Na₂O₃S₂; F.W. 158.11; CAS [7772-98-7]; **Melting Point:** 43°C; **Density:** 1.66g/mL



Sodium Thiosulfate Pentahydrate Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	S445-500
3kg	Poly Bottle	S445-3
10kg	Poly Pail	S445-10

Crystalline; 99.5 to 101.0%; Na₂O₃S₂·5H₂O; F.W. 248.19; CAS [10102-17-7]; **Melting Point:** 48.5°C; **Density:** 1.73g/mL



Stannous Chloride Dihydrate Certified ACS



Quantity	Packaging	Cat. No.
100g	Poly Bottle	T142-100
500g	Poly Bottle	T142-500
3kg	Poly Bottle	T142-3

Crystalline; 98 to 103%; Tin(II) Chloride Dihydrate; SnCl₂·2H₂O; F.W. 225.65; CAS [10025-69-1]; **Melting Point:** 37° to 38°C (98.6° to 100.4°F); **Density:** 2.7g/mL; **DOT Class 8:** Corrosive; **UN:** 1759 Suitable for mercury determination



Stannous Chloride Dihydrate BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
500g	Poly Bottle	02004317

Crystal; SnCl₂·2H₂O; F.W. 225.65; CAS [10025-69-1] Meets ACS Reagent Chemical Requirements

Stannous Sulfate Laboratory Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	T154-500

Crystalline; Tin(II) Sulfate; O₃Sn; F.W. 214.77; CAS [7488-55-3]; **Melting Point:** 360°C (680°F); **Density:** 3.95g/mL



Strontium Nitrate, Anhydrous Certified ACS



Quantity	Packaging	Cat. No.
500g	Glass Bottle	S549-500

Crystalline; ≥99%; Sr(NO₃)₂; F.W. 211.63; CAS [10042-76-9]; **Melting Point:** 570°C; **Boiling Point:** 645°C; **DOT Class 5.1:** Oxidizer; **UN:** 1507



Talc Laboratory Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	T4-500
10kg	Poly Pail	T4-10

Powder; Soapstone, Talcum; MgO₃SiO₂H₂O; CAS [14807-96-6, 14808-60-7]; **Melting Point:** 800°C; **Density:** 2.58 to 2.83 g/mL



Terbium(III) Nitrate Hexahydrate



Quantity	Packaging	Cat. No.
10g	Plastic Bottle	AC29579-0100

≥99.99%; N₃O₉Tb₃H₂O; Tb(NO₃)₃·6H₂O; F.W. 453.02; CAS [13451-19-9]; **UN:** 1477

Tetrachloroauric Acid Trihydrate Certified ACS



Quantity	Packaging	Cat. No.
1g	Glass Vial	G54-1
5g	Amber Glass Bottle	G54-5

Crystalline; Chloroauric Acid; HAuCl₄·3H₂O; F.W. 393.83; CAS [16961-25-4]; **Melting Point:** 254°C; **Density:** 3.9g/mL



Thionyl Chloride



Quantity	Packaging	Cat. No.
50g	----	AA4186818
500g	----	AA4186836

Liquid; >99%; Sulfurous Oxychloride; SOCl₂; F.W. 118.97; CAS [7719-09-7]; **Melting Point:** -104.5°C; **Boiling Point:** 76°C; **Density:** 1.638 g/mL

Tin(II) Chloride, Anhydrous



Quantity	Packaging	Cat. No.
250g	----	AA4196030
1kg	----	AA41960A1

Crystalline; 99% min; Stannous Chloride; SnCl₂; F.W. 189.62; CAS [7772-99-8]; **Melting Point:** 247°C; **Boiling Point:** 652°C; **Density:** 3.95 g/mL

Titanium(IV) Oxide



Quantity	Packaging	Cat. No.
500g	----	AA3995336

Powder; 99.9% (Metal Basis); TiO₂; F.W. 79.9; CAS [1317-70-0]; **Density:** 3.9g/mL

Titanium (IV) Oxide, Anhydrous Certified ACS



Quantity	Packaging	Cat. No.
500g	Poly Bottle	T315-500

Powder; Titanium Dioxide; TiO₂; F.W. 79.87; CAS [13463-67-7]; **Melting Point:** 1855°C; **Boiling Point:** 2900°C; **Density:** 3.84g/mL



Trisodium Citrate Dihydrate ACS Grade



Quantity	Packaging	Cat. No.
500g	----	AA3643936
2kg	----	AA36439A3

Crystalline; 99.0%; Na₃C₆H₅O₇·2H₂O; F.W. 294.10 (258.07 anhy); CAS [6132-04-3]; **Melting Point:** 150°C

Vanadium(IV) Sulfate Oxide Hydrate



Quantity	Packaging	Cat. No.
50g	----	AA1109018

Lumps; 99.9% (Metal Basis); Vanadium Oxy sulfate Hydrate; VOSO₄·xH₂O; F.W. 163; CAS [123334-20-3]; **Density:** 2.5; **UN:** 2931

Zinc Acetate Dihydrate Certified

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	Z20-500

Crystalline; Acetic Acid Zinc Salt; $Zn(CH_3COO)_2 \cdot 2H_2O$;
 $Zn(C_2H_3O_2)_2 \cdot 2H_2O$; **F.W.** 219.53; CAS [5970-45-6];
Melting Point: 100°C (212°F); **Density:** 1.84g/mL

ChemAlert®
Storage Code
GRAY

Zinc Chloride Technical Grade

F

Quantity	Packaging	Cat. No.
3kg	Poly Bottle	Z31-3

Powder; $ZnCl_2$; **F.W.** 136.3; CAS [7646-85-7];
Melting Point: 293°C; **Boiling Point:** 732°C;
Density: 2.91g/mL; **DOT Class 8:** Corrosive; **UN:** 2331

ChemAlert®
Storage Code
WHITE

Zinc Chloride Extra Pure

ACRÖS
ORGANICS

Quantity	Packaging	Cat. No.
10kg	Plastic Drum	AC19684-0100

≥98%; Cl_2Zn ; $ZnCl_2$; **F.W.** 136.29; CAS [7646-85-7];
Melting Point: 293.0°C; **Boiling Point:** 732.0°C; **UN:** 2331

Zinc Chloride, Anhydrous

Afa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA8790022

Lumps; 99.99% (Metal Basis); Cl_2Zn ; **F.W.** 136.28; CAS [7646-85-7];
Melting Point: 290°C; **Boiling Point:** 732°C; **Density:** 2.91g/mL

Zinc Nitrate Hexahydrate Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	Z45-500

Crystalline; $Zn(NO_3)_2 \cdot 6H_2O$; **F.W.** 297.49; CAS [10196-18-6];
Melting Point: 36.4°C; **Density:** 2.07g/mL;
DOT Class 5.1: Oxidizer; **UN:** 1514

ChemAlert®
Storage Code
YELLOW

Zinc Oxide Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	Z52-500
10kg	Poly Pail	Z52-10

Powder; ≥99.0%; ZnO ; **F.W.** 81.41; CAS [1314-13-2];
Melting Point: 1975°C; **Density:** 5.6g/mL

ChemAlert®
Storage Code
GRAY

Zinc Sulfate Heptahydrate USP/FCC

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	Z76-500
3kg	Poly Bottle	Z76-3

$ZnSO_4 \cdot 7H_2O$; **F.W.** 287.56; CAS [7446-20-0];
Melting Point: 100°C (212°F); **Density:** 3.54g/mL

ChemAlert®
Storage Code
GRAY

Zinc Sulfate Heptahydrate Certified ACS

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	Z68-500
3kg	Poly Bottle	Z68-3

Crystalline; 99 to 103%; Salt of Vitriol, White Vitriol;
 $ZnSO_4 \cdot 7H_2O$; **F.W.** 287.58; CAS [7446-20-0];
Melting Point: 100°C (212°F); **Density:** 3.54g/mL

ChemAlert®
Storage Code
GRAY

Zinc Tetrafluoroborate

Afa Aesar

Quantity	Packaging	Cat. No.
50g	----	AA8512418

Powder; $Zn(BF_4)_2 \cdot xH_2O$; **F.W.** 238.98 (anhydrous); CAS [27860-83-9];
UN: 3260

Zirconium Dinitrate Oxide Hydrate

Afa Aesar

Quantity	Packaging	Cat. No.
100g	----	AA4322422

Crystalline; 99.9% (Metal Basis)
 Zirconyl nitrate, Zirconium oxynitrate; $ZrO(NO_3)_2 \cdot xH_2O$;
 CAS [14985-18-3]

Zirconium(IV) Oxide

Afa Aesar

Quantity	Packaging	Cat. No.
5kg	----	AA11395A7

Powder; ≥99% (Metal Basis); Zirconium Dioxide; ZrO_2 ;
F.W.: 123.22; CAS [1314-23-4]; **Melting Point:** 2700°C;
Boiling Point: 5000°C; **Density:** 5.89; -325 Mesh

Zirconium Oxide, Anhydrous Laboratory Grade

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	Z83-500

Powder; Zirconium Dioxide; ZrO_2 ; **F.W.** 123.22;
 CAS [1314-23-4]; **Melting Point:** >2500°C; **C.I.** 77990

ChemAlert®
Storage Code
GRAY



Quick Measurement, **Consistent Results**

Fisherbrand Plastic pH Strips



Fisherbrand Plastic pH Strips provide instant, easy-to-read results, with clear, bright, single-color matches across the entire pH range.

Fisherbrand Plastic pH Strips are packaged in convenient flip-top vials with matching color charts. Strips are available in five pH ranges at distinct intervals. The wide-range strip provides accurate pH measurement at each 1.0 interval over the entire pH range (0.0 to 14.0).



Borate Buffer



Quantity	Packaging	Cat. No.
4L	Poly Natural Bottle	10401

Clear Colorless Liquid; CAS: [7732-18-5, 1303-96-4, 1310-73-2]; Ammonia and Organic Nitrogen; **pH:** 9.5; Solubility: Infinite

BufferPac™ Color-Coded Solutions

Certified Standard



Quantity	Packaging	Cat. No.
3 x 500mL	Poly Bottle	SB105

CAS: [50-00-0]; **Melting Point:** 0°C (32°F); Pack contains one each: SB101-500, **pH:** 4.00 (Red), SB107-500, **pH:** 7.00 (Yellow), SB115-500, **pH:** 10.00 (Blue).



Buffer Solution, TISAB



Quantity	Packaging	Cat. No.
4L	Poly Bottle	SB175-4

CAS: [7647-14-5, 127-09-3, 482-54-2, 9003-39-8, 52-51-7]; For the determination of fluoride ion concentration by fluoride ion electrode. Total Ionic Strength Adjustment Buffer; **pH:** 5.4 to 5.6 (at 25°C); Soluble in water; Contains 1,2-Cyclohexylene Dinitrotetraacetic Acid to prevent Aluminum interference.



Buffer Solution, Total Ionic Strength Adjustment Buffer (TISAB II)



Quantity	Packaging	Cat. No.
1L	Poly Natural Bottle	867032
4L	Poly Natural Bottle	86701
10L	Cubitainer™	867025
20L	Cubitainer™	86705

CAS: [7732-18-5, 1310-73-2, 64-19-7, 7647-14-5, 13291-61-7]; APHA/EPA for Fluoride; With CDTA

Buffer Solution, pH 1.00

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB140-500

CAS: [7447-40-7, 7647-01-0, 50-00-0, 67-56-1, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 0.7 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 1789; Traceable to NIST™; **pH:** 1.00 (at 25°C); Soluble in water



Buffer Solution, pH 1.00 at 25°C

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC121801

Liquid; KCl; **FW:** 74.55; CAS: [7732-18-5, 7447-40-7, 7647-01-0]; **Density:** 1g/mL; **DOT Class 8:** Corrosive; **UN:** 1789; Clear, colorless solution; **pH:** 1.00 ± 0.02; Soluble in water

Buffer Solution, pH 1.68 at 25°C

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC122101

Liquid; H₂CO₃; **FW:** 90.04; CAS: [7732-18-5, 6153-56-6, 1310-58-3]; **Density:** 1g/mL; Clear, colorless solution; **pH:** 1.68 ± 0.01; Soluble in water

Buffer Solution, pH 2.00

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB96-500
1L	Poly Bottle	SB96-1
20L	PolyPac™	SB96-20

CAS: [7447-40-7, 7647-01-0, 50-00-0, 67-56-1, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 0.7 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 1789; Traceable to NIST™; **pH:** 2.00 (at 25°C); Soluble in water



Buffer Solution, pH 2.0 at 25°C

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC122202

Liquid; KCl; **FW:** 74.55; CAS: [7732-18-5, 7447-40-7, 7647-01-0]; **Density:** 1g/mL; Clear, colorless solution; **pH:** 2.00 ± 0.01; Soluble in water

Buffer Standard, pH 2



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PHBUFF2500

NIST™ Traceable Certificate of Analysis accredited to ISO/IEC 17025 and ISO/IEC Guide 34, Safety Data Sheet. Inorganic Standard manufactured for AA, ICP, ICP/MS, IC, XRF, and other analytical instrumentation. Up to 68 elements are scanned with found values for ICP and ICP-MS standards. The found value of the trace metallic impurities is reported on the Certificate of Analysis.

Buffer Solution, pH 3.00

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB97-500
20L	PolyPac™	SB97-20

CAS: [877-24-7, 7647-01-0, 50-00-0, 67-56-1, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 0.7g/mL; Traceable to NIST™. **pH:** 2.98 to 3.02 (at 25°C); Soluble in water



Buffer Solution, pH 3.00 at 25°C

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC122501

Liquid; KHC₈H₄O₆; **FW:** 204.23; CAS: [7732-18-5, 877-24-7, 7647-01-0, 50-00-0, 67-56-1]; **Density:** 1g/mL; Clear, colorless solution; **pH:** 3.00 ± 0.01; Soluble in water

Buffer Standard, pH 3



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PHBUFF3500

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Buffer Solution, pH 4.00, Color-Coded Red Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB101-500
4L	Poly Bottle	SB101-4
20L	PolyPac™	SB101-20

CAS: [50-00-0, 67-56-1, 877-24-7, 7732-18-5, 16423-68-0];

Melting Point: 0°C (32°F); **Density:** 0.7 (Water = 1.0);

Traceable to NIST™; **pH:** 3.99 to 4.01 (at 25°C);

Soluble in water; pH/temperature conversions given on label.



Buffer, Precision Reference Standard, pH 4.000



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	150216

CAS: [877-24-7]; **pH:** 4.000 ± 0.002 (Color-coded Red)

Buffer, Reference Standard, pH 4.00



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	150132
10L	Cubitainer™	150125
20L	Cubitainer™	15015

CAS: [7732-18-5, 877-24-7]; **pH:** 4.00 ± 0.01 at 25°C (Color-coded Red)

Buffer Solution, pH 4.0 at 25°C Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC122801
1L	Poly Bottle	LC122802
4L	Poly Bottle	LC122804
10L	Cubitainer™	LC122806
20L	Cubitainer™	LC122805

Liquid; $\text{KHC}_8\text{H}_4\text{O}_6$; **FW:** 204.23;

CAS: [7732-18-5, 877-24-7, 50-00-0, 67-56-1]; **Density:** 1g/mL;

Clear, red solution; Color-coded Red; **pH:** 4.00 to 4.01; Soluble in water

Buffer, pH 4.0



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	MBX16281

Mixture (Potassium Hydrogen Phthalate)

Buffer Solution, pH 4.00 Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB98-500
1L	Poly Bottle	SB98-1
10L	PolyPac™	SB98-10
20L	PolyPac™	SB98-20

CAS: [877-24-7, 7732-18-5, 50-00-0, 67-56-1]; **Density:** 1.01g/mL;

Traceable to NIST™; **pH Range:** 3.99 to 4.01 (at 25°C);

Soluble in water



Buffer Solution, pH 4.0 at 25°C Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC122701
4L	Poly Bottle	LC122704
20L	Cubitainer™	LC122705

Liquid; $\text{KHC}_8\text{H}_4\text{O}_6$; **FW:** 204.23;

CAS: [7732-18-5, 877-24-7, 50-00-0, 67-56-1]; **Density:** 1g/mL;

Clear, colorless solution; **pH:** 4.00 to 4.01; Soluble in water

Buffer Solution, pH 4



Quantity	Packaging	Cat. No.
500mL	Plastic Bottle	AC38383-5000

CAS: [877-24-7, 7732-18-5, 7487-94-7]; Solubility in water: miscible.

Buffer Standard, pH 4



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PHBUFF4500

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Up to 68 elements are scanned with found values for ICP and ICP-MS standards. The found value of the trace metallic impurities is reported on the Certificate of Analysis.

Buffer Concentrate, pH 4.00 Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB99-500
1L	Poly Bottle	SB99-1

Concentrate; CAS: [877-24-7, 50-00-0, 67-56-1, 7732-18-5];

Melting Point: 0°C (32°F); **Density:** 0.7g/mL;

Traceable to NIST™; **pH range:** 3.98 to 4.02 (at 25°C);

Soluble in water



Buffer Solution (Acetate), pH 4.01 Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SB85-1

Chlorine Titrimeter Reagent;

CAS: [64-19-7, 127-09-3, 50-00-0, 67-56-1, 7732-18-5];

Density: 1g/mL; Traceable to NIST™; **pH:** 3.98 to 4.02 (at 25°C)



Buffer Solution, pH 4.64 Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SB100-1

CAS: [64-19-7, 6131-90-4, 50-00-0, 67-56-1, 7732-18-5];

Melting Point: 0°C (32°F); **Density:** 1g/mL; Traceable to NIST™;

pH range: 4.61 to 4.65 (at 25°C)



Buffer Solution, pH 5.00 Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB102-500
1L	Poly Bottle	SB102-1

CAS: [877-24-7, 1310-73-2, 7732-18-5]; **Melting Point:** 0°C

(32°F); Traceable to NIST™; **pH range:** 4.99 to 5.01 (at 25°C)



Buffer Solution, pH 5.00 at 25°C Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC123001

Liquid; $\text{KHC}_8\text{H}_4\text{O}_4$; **FW.** 204.23; **CAS:** [7732-18-5, 877-24-7, 1310-73-2, 50-00-0, 67-56-1]; **Density:** 1g/mL; Clear, colorless solution; **pH:** 5.00 ± 0.01; Soluble in water

Buffer Standard, pH 5



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PHBUFF500

NIST™ Traceable Certificate of Analysis accredited to ISO/IEC 17025 and ISO/IEC Guide 34, Safety Data Sheet
Inorganic Standard manufactured for AA, ICP, ICP/MS, IC, XRF, and other analytical instrumentation.
Up to 68 elements are scanned with found values for ICP and ICP-MS standards. The found value of the trace metallic impurities is reported on the Certificate of Analysis.

Buffer Solution, pH 6.86 at 25°C Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC123501
4L	Poly Bottle	LC123504

Liquid; KH_2PO_4 ; **FW.** 136.09; **CAS:** [7732-18-5, 7778-77-0, 1310-73-2]; Clear, colorless solution; **pH:** 6.86 ± 0.01; Soluble in water

Buffer Solution, pH 7.00, Color-Coded Yellow Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB107-500
4L	Poly Bottle	SB107-4
20L	PolyPac™	SB107-20

CAS: [7778-77-0, 1310-73-2, 7732-18-5, 1934-21-0];
Melting Point: 0°C (32°F); **Density:** 1g/mL;
Traceable to NIST™; **pH Range:** 6.99 to 7.01 (at 25°C);
Soluble in water; Potassium Phosphate Monobasic/Sodium Hydroxide. pH/temperature conversions given on label.



Buffer Solution, pH 6.00 Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB104-500
1L	Poly Bottle	SB104-1
20L	PolyPac™	SB104-20

CAS: [7778-77-0, 7732-18-5, 1310-73-2];
Melting Point: 0°C (32°F); **Density:** 0.7g/mL Traceable to NIST™; **pH Range:** 5.99 to 6.01 (at 25°C); Soluble in water



Buffer, Precision Reference Standard, pH 7.000



Quantity	Packaging	Cat. No.
500mL	Plastic Bottle	155216

Color-coded Yellow; **pH:** 7.000 ± 0.002 at 25°C

Buffer, Reference Standard, pH 7.00



Quantity	Packaging	Cat. No.
500mL	Plastic Bottle	155116
1L	Plastic Bottle	155132
4L	Plastic Bottle	15511
4L	Cubitainer™	15511CT
10L	Cubitainer™	155125
20L	Cubitainer™	15515

CAS: [7732-18-5, 7558-79-4, 7778-77-0]; **pH:** 7.00 ± 0.01 at 25°C (Color-coded Yellow)

Buffer Solution, pH 6.00 at 25°C Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC123301
4L	Poly Bottle	LC123304

Liquid; KH_2PO_4 ; **FW.** 136.09; **CAS:** [7732-18-5, 7778-77-0, 1310-73-2]; Clear, colorless solution; **pH:** 6.00 ± 0.01; Soluble in water

Buffer Standard, pH 6



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PHBUFF6500

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Inorganic Standard manufactured for AA, ICP, ICP/MS, IC, XRF, and other analytical instrumentation.
Up to 68 elements are scanned with found values for ICP and ICP-MS standards. The found value of the trace metallic impurities is reported on the Certificate of Analysis.

Buffer Solution, pH 7.00 at 25°C Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC123801
1L	Poly Bottle	LC123802
4L	Poly Bottle	LC123804
10L	Cubitainer™	LC123806
20L	Cubitainer™	LC123805

Liquid; KH_2PO_4 ; **FW.** 136.09; **CAS:** [7732-18-5, 7778-77-0, 1310-73-2]; Clear, yellow solution; Color-coded Yellow; **pH:** 7.00 ± 0.01; Soluble in water

Buffer Solution, pH 6.00 Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB106-500

Concentrate; **CAS:** [7558-80-7, 1310-73-2, 50-00-0, 67-56-1, 7732-18-5]; **Melting Point:** 0°C (32°F);
Traceable to NIST™; Potassium Phosphate Monobasic/Sodium Hydroxide. pH is 6.00 ± 0.02 at 25°C when one volume is diluted with nine volumes of distilled water.



Buffer Solution, pH 7.00 Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB108-500
1L	Poly Bottle	SB108-1
10L	PolyPac™	SB108-10
20L	PolyPac™	SB108-20

Chlorine Titrimeter Reagent; **CAS:** [7778-77-0, 1310-73-2, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL;
Traceable to NIST.; **pH:** 6.99 to 7.01 (at 25°C); Soluble in water; Potassium Phosphate Monobasic/Sodium Hydroxide.



Buffer Solution, pH 7.00 ± 0.01



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	MBX16321

Liquid; Mixture (Phosphate); CAS: [7558-79-4]; Yellow, clear

Buffer Solution, pH 7.00 at 25°C

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC123701
4L	Poly Bottle	LC123704
20L	Cubitainer™	LC123705

Liquid; KH₂PO₄; **FW**: 136.09; CAS: [7732-18-5, 7778-77-0, 1310-73-2]; Clear, colorless solution; **pH**: 7.00 ± 0.01; Soluble in water

Buffer Standard, pH 7



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PHBUFF7500

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Buffer Concentrate, pH 7.00

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB109-500
1L	Poly Bottle	SB109-1

Concentrate; CAS: [64-02-8, 7732-18-5, 1310-58-3, 1310-73-2, 7664-38-2]; Traceable to NIST™; Potassium Phosphate Monobasic/Sodium Hydroxide **pH**: 7.00 ± 0.02 at 25°C when one volume is diluted with 25 volumes of distilled water.



Buffer Solution, pH 7.40

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB110-500
1L	Poly Bottle	SB110-1

CAS: [7778-77-0, 64-02-8, 7732-18-5, 7758-11-4]; **Melting Point**: 0°C (32°F); **Density**: 1g/mL; Traceable to NIST™; **pH**: 7.39 to 7.41 (at 25°C); Potassium Phosphate Monobasic/Sodium Hydroxide.



Buffer Solution, pH 7.40 at 25°C

Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC123904

Liquid; KH₂PO₄; **FW**: 136.09; CAS: [7732-18-5, 7778-77-0, 1310-73-2]; Clear, colorless solution; **pH**: 7.40 ± 0.01; Soluble in water

Buffer Solution, pH 8.00

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB112-500
1L	Poly Bottle	SB112-1
20L	PolyPac™	SB112-20

CAS: [1310-73-2, 7778-77-0, 7732-18-5] Traceable to NIST™; **pH**: 7.98 to 8.02 (at 25°C); Potassium Phosphate Monobasic/Sodium Hydroxide.



Buffer Solution, pH 8.00 at 25°C

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC124201

Liquid; KH₂PO₄; **FW**: 136.09; CAS: [7732-18-5, 7778-77-0, 1310-73-2]; Clear, colorless solution; **pH**: 8.00 ± 0.01; Soluble in water

Buffer Standard, pH 8



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PHBUFF8500

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Buffer Solution, pH 9.00

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB114-500
1L	Poly Bottle	SB114-1
20L	PolyPac™	SB114-20

CAS: [7447-40-7, 10043-35-3, 1310-73-2, 64-02-8, 7732-18-5]; **Melting Point**: 0°C (32°F); **Density**: 0.7g/mL; Traceable to NIST™; **pH**: 8.98 to 9.02 (at 25°C); Soluble in water Boric Acid/Potassium Chloride/Sodium Hydroxide.



Buffer Solution, pH 9.00 at 25°C

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC124401
4L	Poly Bottle	LC124404

Liquid; KCl; **FW**: 74.55; CAS: [7732-18-5, 7447-40-7, 10043-35-3, 1310-73-2]; Clear, colorless solution; **pH**: 9.00 ± 0.01; Soluble in water

Buffer, Reference Standard, pH 9.00



Quantity	Packaging	Cat. No.
4L	Poly Bottle	15901

Clear colorless liquid; CAS: [10043-35-3 (Boric Acid), 7447-40-7 (Potassium Chloride), 1310-73-2 (Sodium Hydroxide), 7732-18-5 (Water, Deionized)]; **pH**: 9.00 ± 0.01 at 25°C

Buffer Standard, pH 9



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PHBUFF9500

NIST™ Traceable Certificate of Analysis accredited to ISO/IEC 17025 and ISO/IEC Guide 34, Safety Data Sheet; Inorganic Standard manufactured for AA, ICP, ICP/MS, IC, XRF, and other analytical instrumentation. Up to 68 elements are scanned with found values for ICP and ICP-MS standards. The found value of the trace metallic impurities is reported on the Certificate of Analysis.

Buffer Solution, pH 9.18 at 25°C

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC124501

Liquid; Na₂B₄O₇·10H₂O; **FW**. 381.37; CAS: [7732-18-5, 1303-96-4]; Clear, colorless solution; **pH**: 9.18 ± 0.01; Soluble in water

Buffer Solution, pH 9.2



Quantity	Packaging	Cat. No.
1L	Plastic bottle	AC38387-0010

CAS: [1330-43-4, 7732-18-5, 7647-14-5]; **Density**: 1.0000g/mL; Solubility in water: miscible.

Buffer Solution, pH 10.00, Color-Coded Blue Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB115-500
4L	Poly Bottle	SB115-4
20L	PolyPac™	SB115-20

CAS: [7732-18-5, 6381-92-6, 584-08-7, 1332-77-0, 1310-58-3]; **Melting Point**: 0°C (32°F); **Density**: 1.01g/mL; Traceable to NIST™; **pH**: 9.98 to 10.02 (at 25°C); Soluble in water; Potassium Carbonate/Potassium Tetraborate/ Potassium Hydroxide/Disodium EDTA Dihydrate. pH/temperature conversions given on label.



Buffer Solution, pH 10



Quantity	Packaging	Cat. No.
500mL	Plastic Bottle	AC38388-5000

CAS: [10043-35-3, 7732-18-5, 10043-35-3, 1310-73-2]; **Density**: 1.0000g/mL; Solubility in water: miscible.

Buffer, Precision Reference Standard, pH 10.000



Quantity	Packaging	Cat. No.
500mL	Plastic	160216

pH: 10.000 ± 0.005 at 25°C (Color-coded Blue)

Buffer, Reference Standard, pH 10.00



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	160116
4L	Poly Bottle	16011
4L	Cubitainer™	16011CT
10L	Cubitainer™	160125
20L	Cubitainer™	16015

CAS: [7732-18-5, 497-19-8, 144-55-8]; **pH**: 10.00 ± 0.01 at 25°C (Color-coded Blue)

Buffer Solution, pH 10.00 at 25°C

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC125101
1L	Poly Bottle	LC125102
4L	Poly Bottle	LC125104
10L	Cubitainer™	LC125106
20L	Cubitainer™	LC125105

Liquid; Na₂B₄O₇·10H₂O; **FW**. 381.37; CAS: [7732-18-5, 1303-96-4, 1310-73-2]; Clear, blue solution; Color-coded Blue; **pH**: 10.00 ± 0.02; Soluble in water

Buffer, pH 10.0



Quantity	Packaging	Cat. No.
500mL	Plastic Bottle	MBX1633-1

Liquid; Blue, clear

Buffer Solution, pH 10.00



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	MBX16361

Liquid; Mixture (Borate); Yellow, clear

Buffer Solution, pH 10.00 Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB116-500
1L	Poly Bottle	SB116-1
10L	PolyPac™	SB116-10
20L	PolyPac™	SB116-20

CAS: [6381-92-6, 584-08-7, 1310-58-3, 7732-18-5, 12228-88-5] Traceable to NIST™; **pH range**: 9.98 to 10.02 (at 25°C); Soluble in water; Potassium Carbonate/Potassium Tetraborate/Potassium Hydroxide/Disodium EDTA Dihydrate.



Buffer Solution, pH 10.00 at 25°C

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC125001
4L	Poly Bottle	LC125004
20L	Cubitainer™	LC125005

Liquid; Na₂B₄O₇·10H₂O; **FW**. 381.37; CAS: [7732-18-5, 1303-96-4, 1310-73-2]; Clear, colorless solution; **pH**: 10.00 ± 0.02; Soluble in water

Buffer Standard, pH 10



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PHBUFF10500

NIST™ Traceable Certificate of Analysis accredited to ISO/IEC 17025 and ISO/IEC Guide 34, Safety Data Sheet; Inorganic Standard manufactured for AA, ICP, ICP/MS, IC, XRF, and other analytical instrumentation. Up to 68 elements are scanned with found values for ICP and ICP-MS standards. The found value of the trace metallic impurities is reported on the Certificate of Analysis.

Buffer Concentrate, pH 11.01 Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB141-500

Concentrate; CAS: [7447-40-7, 1310-73-2, 139-33-3, 7732-18-5, 10043-35-3]; Traceable to NIST™; **pH range:** 9.98 to 10.02 (at 25°C); Boric Acid/Potassium Chloride/Sodium Hydroxide.
pH is 10.00 ±0.02 at 25°C when one volume is diluted with 9 volumes of distilled water.

Buffer Solution, pH 11.00 at 25°C Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC125401

Liquid; Na₂HPO₄; **FW:** 141.96; CAS: [7732-18-5, 7558-79-4, 1310-73-2]; **Density:** 1g/mL; Clear, colorless solution; **pH:** 11.00 ± 0.05; Soluble in water

Buffer Concentrate, pH 11.01 Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SB142-500

Concentrate; CAS: [56-40-6, 7647-14-5, 1310-73-2, 139-33-3, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; Traceable to NIST™; **pH range:** 10.98 to 11.02 (at 25°C); Glycine/Sodium Chloride/Sodium Hydroxide/Disodium EDTA.
pH is 11.00 ±0.02 at 25°C when one volume is diluted with nine volumes of distilled water.

ChemAlert®
Storage Code
GRAY

Buffer Solution, pH 12.00



Quantity	Packaging	Cat. No.
1L	----	AA42425K2

Clear colorless liquid; **Density:** 1.004-1.005g/cm³ at 20°C; **pH:** 12.00 (±0.01 @ 25°C), Specpure®, NIST™ Traceable; Solubility in water: Fully miscible

Buffer Solution, pH 12.00 at 25°C Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC125601
1L	Poly Bottle	LC125602

Liquid; Na₂HPO₄; **FW:** 141.96; CAS: [7732-18-5, 7558-79-4, 1310-73-2]; **Density:** 1g/mL; Clear, colorless solution; **pH:** 12.00 ± 0.05; Soluble in water

Buffer Solution, pH 12.45 at 25°C Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC125621

Liquid; Na₂HPO₄; **FW:** 141.96; CAS: [7732-18-5, 7558-79-4, 1310-73-2]; **Density:** 1g/mL; Clear, colorless solution; **pH:** 12.45 ± 0.05; Soluble in water

Buffer Solution, pH 13.00 at 25°C Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC125651

Liquid; C₁₀H₁₆O; **FW:** 150.22; CAS: [7732-18-5, 7447-40-7, 1310-73-2, 89-83-8]; **Density:** 1g/mL; Clear, colorless to light brown solution; **pH:** 13.00 ± 0.05; Soluble in water

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A SOLUTIONS ACETATE BUFFER

Acetate Buffer Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC100304

Liquid; $\text{CH}_3\text{COOHNa}\cdot 3\text{H}_2\text{O}$; **FW**: 136.08
 CAS [64-19-7, 7732-18-5, 6131-90-4]; Clear, colorless solution;
 For Chlorine, Iodine; **pH**: 4.0 \pm 0.1; Soluble in water

Acetic Acid Solution, 1N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SA36-1

Methanecarboxylic Acid; $\text{CH}_3\text{CO}_2\text{H}$; CH_3COOH ; **FW**: 60.05;
 CAS [64-19-7, 7732-18-5]; 0.995 to 1.005N
 A volumetric standard solution, titrated at 25°C to pH 8.2
 (phenolphthalein endpoint) against sodium hydroxide, which
 has been standardized against NIST™ potassium acid phthalate.



Acetic Acid, 3% (v/v)



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	12016

Liquid; CAS [64-19-7 (Acetic Acid), 7732-18-5 (Water, Deionized)];
 3% (v/v); **Solubility**: Infinite; Aqueous Solution

Acetic Acid (3+97) Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC101601

Liquid; 3.0% v/v \pm 0.1%; CH_3COOH ; **FW**: 60.05; CAS [7732-18-5, 64-19-7];
Density: 1g/mL; Clear, colorless solution; Soluble in water

Acetic Acid, 5% (v/v)



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	13016
4L	Poly Bottle	1301

Liquid; CAS [7732-18-5, 64-19-7]; 5% (v/v); Aqueous Solution

Acetic Acid, 25% (v/v)



Quantity	Packaging	Cat. No.
4L	Poly Natural Bottle	138251

CAS [7732-18-5, 64-19-7]; 25% (v/v)

Aerosol™ OT Solution, 10% (w/w)



Quantity	Packaging	Cat. No.
4L	Glass Bottle	SA292-4

CAS [577-11-7, 111-76-2, 7732-18-5, 64-17-5, 104-76-7];
Concentration: 9 to 11%;
 Aerosol™ OT 10% is a chemical solution that "makes water
 wetter" because it reduces surface tension and interfacial
 tension to a considerable degree even at low concentrations.



Aerosol™ OT Solution, 75% (w/w)



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	A345-500

CAS [64-17-5]; **DOT Class 3**: Flammable Liquid; **UN**: 1993;
 72 to 78%; Contains: Sodium Dioctyl Sulfosuccinate,
 Ethyl Alcohol, Water.



Alkaline Iodide-Sodium Azide Solution



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SA435-1

CAS [1310-58-3, 7681-11-0, 26628-22-8, 7732-18-5];
Density: 1.5g/mL; **DOT Class 8**: Corrosive; **UN**: 1760;
 Used in APHA test for dissolved oxygen
 (Alsterberg azide modification).
 Contains Potassium Hydroxide, Potassium Iodide, Sodium Azide.



1-Amino-2-Naphthol-4-Sulfonic Acid Solution Certified Standard



Quantity	Packaging	Cat. No.
500mL	Amber Poly Bottle	LC108901

Liquid; $\text{H}_2\text{N}(\text{HO})\text{C}_{10}\text{H}_5\text{SO}_3\text{H}$; **FW**: 239.26;
 CAS [7732-18-5, 7631-90-5, 7757-83-7, 116-63-2];
 Clear, light brown solution; For Silica; Soluble in water

Ammonia (as Nitrogen) Standard Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC179401

Liquid; NH_4Cl ; **FW**: 53.49 CAS [7732-18-5, 12125-02-9]; **Density**: 1g/mL;
 Clear, colorless solution; 1000ppm \pm 10ppm;
 (1mL = 1mg N, 1mL = 1.22mg NH_3); Soluble in water

Ammonium Chloride-EDTA Solution



Quantity	Packaging	Cat. No.
4L	Poly Natural Bottle	6261

Clear colorless liquid; CAS [12125-02-9 (Ammonium Chloride),
 1336-21-6 (Ammonium Hydroxide), 7732-18-5 (Water, Deionized)];
pH: ~8.5

Ammonium Hydroxide (1+9) Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC111802

Liquid; 9.6 to 10.3% v/v; Ammonia; NH_4OH ; **FW**: 35.05;
 CAS [7732-18-5, 1336-21-6]; **Density**: 0.987g/mL;
 Clear, colorless solution; As NH_4OH ; Soluble in water

Ammonium Hydroxide, 16.7% (v/v) Electronic Grade



Quantity	Packaging	Cat. No.
20L	Cubitainer™	6325

Clear colorless liquid; CAS [7732-18-5, 1336-21-6];
Melting Point: Approx. -72°C; **Boiling Point**: Approx. 36°C;
 16.7% (v/v); Alkaline; **Solubility**: Infinite; Aqueous Solution

Ammonium Hydroxide (1+4) Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC111604

Liquid; 19.2 to 20.8% v/v; Ammonia; NH_4OH ; **FW**: 35.05;
 CAS [7732-18-5, 1336-21-6]; **Density**: 0.98g/mL;
 Clear, colorless solution; As NH_4OH ; For Hardness; Soluble in water

Ammonium Hydroxide, 28 - 30% ACS Reagent, EP



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	MAX13036

28 to 30%; Ammonia Water, Ammonium Hydroxide Solution;
 NH₄OH [NH₃ in water]; **FW**: 35.05; CAS [1336-21-6];
Melting Point: -72°C; **Boiling Point**: 32°C; **Density**: 0.90g/cm³ (20°C);
 EMSURE™, For Analysis; Strongly Alkaline; Soluble (2°C)

Ammonium Molybdate



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	66516

Clear colorless liquid; CAS [7732-18-5, 12054-85-2]; 4% (w/v);
pH: 5.0 to 5.5 (5% solution); Aqueous Solution

Ammonium Oxalate



Quantity	Packaging	Cat. No.
4L	Poly Bottle	6851

Clear colorless liquid; CAS [7732-18-5, 6009-70-7];
Melting Point: Approx. -10°C; 4% (w/v); **pH**: -6 to 7; Aqueous Solution

Ammonium Sulfide Solution Certified Standard



Quantity	Packaging	Cat. No.
225mL	Glass Bottle	A705-225
500mL	HDPE Bottle	A705-500

20 to 24 %; CAS [12135-76-1]; **Flash Point**: 32.2°C; **Density**: >1;
DOT Class 8: Corrosive; **UN**: 2683

Benzalkonium Chloride



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC26382-0010

Alkyl-benzyl-dimethylammonium Chloride;
 C₈H₂CH₂N(CH₃)₂RC1R=C₈H₁₇ to C₁₈H₃₇; CAS [8001-54-5, 7732-18-5];
Flash Point: 105°C; **Boiling Point**: >100.0°C; **Density**: 0.9800g/mL;
UN: 2922
 Solubility in water: soluble. Other solubilities: soluble in alcohol and
 acetone, slightly soluble in benzene, almost insoluble in ether

Bromine Number Titration Solvent



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle, Safety Cap	11911

Dichloromethane Formulation; Colorless; Liquid;
 CAS [64-19-7, 75-09-2, 67-56-1, 7732-18-5, 7664-93-9] **Density**: 1.06;
UN: 2790

Buffer Solution (Acetate), pH 4.0-4.6 Certified Standard



Quantity	Packaging	Cat. No.
20L	PolyPac™	SB103-20

CAS [64-19-7, 6131-90-4, 7732-18-5];
Flash Point: 112.8°C (235°F); Traceable to NIST™;
pH: 4.0 to 4.5 (at 25°C)

Buffer Solution, pH: ≥10.3 APHA



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SB119-1

CAS [1336-21-6, 12125-02-9, 6381-92-6, 7791-18-6, 7732-18-5];
Melting Point: -35°C; **Density**: 0.96g/mL;
DOT Class 8: Corrosive; **UN**: 3266;
 For Water Hardness (Schwarzenback); **pH**: ≥10.3

Buffer Solution (Phosphate)



Quantity	Packaging	Cat. No.
1L	Poly Natural Bottle	580532
4L	Poly Natural Bottle	58051

CAS [7778-77-0 (Potassium Phosphate, Monobasic), 7558-79-4
 (Sodium Phosphate, Dibasic), 7487-94-7 (Mercuric Chloride),
 7732-18-5 (Water, Deionized)];
Application: Chlorine Determination (DPD Methods)

Buffer Solution, pH 7



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	AC25859-0010

CAS [7558-79-4, 7558-79-4, 7732-18-5]; Solubility in water: soluble.

Buffer Solution (Phosphate), pH 7.21 APHA



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SP341-1

CAS [7758-11-4, 7558-79-4, 7778-77-0, 12125-02-9, 7732-18-5];
Melting Point: 0°C (32°F); Traceable to NIST™;
pH: 7.18 to 7.22 (at 25°C)

tert-Butyl Hydroperoxide



Quantity	Packaging	Cat. No.
10kg	Plastic Drum	AC18034-0100

TBHP; C₄H₁₀O₂; (CH₃)₃COOH; **FW**: 90.12; CAS [75-91-2, 7732-18-5];
Melting Point: -2.8°C; **Flash Point**: 43°C;
Boiling Point: 37.0°C (15.0mmHg); **Density**: 0.9400g/mL;
 Solubility in water: miscible., soluble in hydroxide solutions, soluble in
 most common organic solvents

n-Butyllithium, 1.6M



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC18127-1000
800mL	AcroSeal™ Glass Bottle	AC18127-8000

C₄H₉Li; CH₃(CH₂)₃Li; **FW**: 64.06; CAS [109-72-8, 110-54-3];
Melting Point: -95.0°C; **Flash Point**: -18°C;
Boiling Point: 60.0° to 80.0°C; **Density**: 0.6800g/mL; **UN**: 3399

n-Butyllithium, 2.5M



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC21335-1000
800mL	AcroSeal™ Glass Bottle	AC21335-8000

C₄H₉Li; CH₃(CH₂)₃Li; **FW**: 64.06; CAS [109-72-8, 110-54-3];
Melting Point: -95.0°C; **Flash Point**: -21°C;
Boiling Point: 60.0° to 80.0°C; **Density**: 0.6900g/mL; **UN**: 3394

Calcium Chloride Solution



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SC10-1

CaCl₂; CAS [10043-52-4, 7732-18-5]; **Melting Point:** 0°C (32°F); 2.5 to 3.0%; For biochemical oxygen demand.



Ceric Ammonium Sulfate



Quantity	Packaging	Cat. No.
4L	Poly Natural Bottle	18901

Clear, Orange Liquid; CAS [7732-18-5, 10378-47-9, 7664-93-9]; 0.100N; 1N Sulfuric Acid

Chromic Acid

Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC131004

Liquid; 10.0% w/v ± 0.5%; CrO₃; **FW:** 99.99; CAS [7732-18-5, 1333-82-0]; **DOT Class 8:** Corrosive **UN:** 1755; Clear, orange solution; Soluble in water

Chromic-Sulfuric Acid Cleaning Solution



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SC88-500

DOT Class 8: Corrosive; **UN:** 3264; Chromic-Sulfuric Acid; For cleaning glassware.



Cobaltous Chloride

USP/EP, Colorimetric Solution



Quantity	Packaging	Cat. No.
120mL	Amber Glass Bottle	22104
500mL	Amber Glass Bottle	221016

Clear, Dark Red Colored Liquid; CAS [7791-13-1 (Cobalt(II) Chloride, Hexahydrate), 7647-01-0 (Hydrochloric Acid), 7732-18-5 (Water, Deionized)]; 1 mL = 59.5 mg CoCl₂·6H₂O; Red Primary Solution

Copper (II) Sulfate-Sulfamic Acid Inhibitor Solution

APHA



Quantity	Packaging	Cat. No.
4L	Poly Bottle	SC171-4

Copper (II) Sulfate-Sulfamic Acid Inhibitor Solution; CAS [7758-99-8, 5329-14-6, 64-19-7, 7732-18-5]; For dissolved oxygen.



DPD Indicator Solution



Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	265516
1L	Amber Glass Bottle	265532
4L	Amber Glass Bottle	26551

CAS [7732-18-5, 7664-93-9, 6283-63-2, 6381-92-6] For Residual Chlorine Analysis

DPD Solution

Certified Standard



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	LC137004

Liquid; C₁₀H₁₆N₂·H₂SO₄; **FW:** 262.32; CAS [7732-18-5, 7664-93-9, 6283-63-2, 6381-92-6]; Clear, colorless to slight yellow solution; For Chlorine, Chlorine Dioxide; Soluble in water

Electrode Storage Solution



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC140201
1L	Poly Bottle	LC140202

Liquid; KH₂H₂O₄; **FW:** 204.23 CAS [7732-18-5, 877-24-7, 7447-40-7]; Clear, colorless solution; Soluble in water

EDTA, Standard Solution, 0.01M

Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	SS221-4

Sodium (Di)Ethylenediamine Tetraacetate Standard Solution, EDTA Standard Solution; CAS [6381-92-6, 1310-73-2, 7791-18-6, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1.02g/mL; 1mL=1mg CaCO₃



EDTA, 0.01M (0.02N)

Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC138504

Liquid; (HO₂CCH₂)₂NCH₂CH₂N(CH₂CO₂Na)₂·2H₂O; **FW:** 372.23; CAS [7732-18-5, 6381-92-6]; **Density:** 1g/mL; Clear, colorless solution; 0.01000M ± 0.00010M; Titrant for Water Hardness, (1mL = 1mg CaCO₃); Soluble in water

EDTA, 0.05M (0.1N)

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC138702

Liquid; (HO₂CCH₂)₂NCH₂CH₂N(CH₂CO₂Na)₂·2H₂O; **FW:** 372.23; CAS [7732-18-5, 6381-92-6]; **Density:** 1g/mL; Clear, colorless solution; 0.0500M ± 0.0005M; Soluble in water

EDTA, 0.0575M (0.115N)

Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC138804

Liquid; (HO₂CCH₂)₂NCH₂CH₂N(CH₂CO₂Na)₂·2H₂O; **FW:** 372.23; CAS [7732-18-5, 6381-92-6]; **Density:** 1g/mL; Clear, colorless solution; 0.0575M ± 0.0005M; Soluble in water

EDTA, Disodium Salt, Standard Solution, 0.1M

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS412-1

CAS [6381-92-6, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1.02g/mL; 0.0995 to 0.1005M; **pH:** 4.5 to 5.5 (at 25°C)



EDTA Disodium Salt Solution, 0.1M



Quantity	Packaging	Cat. No.
1L	Poly Bottle	MEX0546A6

(Ethylenedinitrilo)tetraacetic Acid, Disodium Salt, Dihydrate Solution; 0.1M; Na₂EDTA in water

EDTA, 0.1M (0.2N)

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC139002
4L	Poly Bottle	LC139004

Liquid; (HO₂CCH₂)₂NCH₂CH₂N(CH₂CO₂Na)₂·2H₂O; **FW** 372.23; **CAS** [7732-18-5, 6381-92-6]; **Density**: 1g/mL; Clear, colorless solution; 0.1000M ± 0.0005M; Soluble in water

EDTA, 0.25M (0.5N)

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC139102

Liquid; (HO₂CCH₂)₂NCH₂CH₂N(CH₂CO₂Na)₂·2H₂O; **FW** 372.23; **CAS** [7732-18-5, 6381-92-6]; **Density**: 1.05g/mL; Clear, colorless solution; 0.250M ± 0.002M; Soluble in water

Fehling's Solution A

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC142002

Liquid; 6.93% w/v ± 0.30%; CuSO₄·5H₂O; **FW** 249.68; **CAS** [7732-18-5, 7758-99-8]; Clear, blue solution; Copper No. 1 Soluble in water

Fehling's Solution B

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC142102

Liquid; KNaC₄H₄O₆·4H₂O; **FW** 282.22 **CAS** [7732-18-5, 6381-59-5, 1310-73-2]; **DOT Class 8**: Corrosive; **UN**: 1824; Clear, colorless solution; Alkaline No. 2; Soluble in water

Ferric Chloride

USP/EP



Quantity	Packaging	Cat. No.
120mL	Amber Glass Bottle	31104
500mL	Amber Glass Bottle	311016
1L	Amber Glass Bottle	311032

Clear light to dark amber colored liquid; **CAS** [10025-77-1 (Ferric Chloride Hexahydrate), 7647-01-0 (Hydrochloric Acid), 7732-18-5 (Water, Deionized)]; 1 mL = 45.0mg FeCl₃·6H₂O; Yellow Primary Solution, Colorimetric Solution; Acidic

Ferrous Ammonium Sulfate



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	314432
4L	Amber Glass Bottle	31441

Clear, Light Green Liquid; 0.00282N, 0.00282M; 1 mL = 0.1mg Cl₂

Glucose-Glutamic Acid

Certified Standard



Quantity	Packaging	Cat. No.
24 × 6mL	Vial	LC14845246
48 × 6mL	Vial	LC14845486
125mL	Amber Glass Bottle	LC148457
500mL	Amber Glass Bottle	LC148451

Liquid; GGA; C₆H₁₂O₆; **FW** 180.15; **CAS** [7732-18-5, 50-99-7, 56-86-0]; Clear, colorless solution; 198.0mg/L BOD ± 30.5mg/L; For BOD, Sterilized; Soluble in water

Hydrochloric Acid Solution, 0.01N (N/100)

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SA62-1

HCl; **CAS** [7647-01-0, 7732-18-5]; **Melting Point**: -17°C; **Boiling Point**: 81.5° to 110°C; **Density**: 1.16g/mL; **DOT Class 8**: Corrosive; **UN**: 1789; 0.0099 to 0.0101N
Solubility in water: Soluble; Standardized at 25°C to pH 8.2 against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.

ACID



Hydrochloric Acid Solution, 0.02N (N/50)

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SA60-1

Muriatic Acid; HCl; **CAS** [7647-01-0, 7732-18-5]; **Melting Point**: -17°C; **Boiling Point**: 81.5° to 110°C; **Density**: 1.16g/mL; 0.0198 to 0.0202N; Solubility in water: Soluble
Standardized at 25°C to pH 8.2 against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.

ACID



Hydrochloric Acid Solution, 0.1N

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	ST111-500

CAS [7647-01-0, 67-63-0]; **Melting Point**: -88.89°C; **Flash Point**: 15°C; **Boiling Point**: 82.78°C; **Density**: 0.8g/mL; **DOT Class 3**: Flammable Liquid; **UN**: 2924; 0.0995 to 0.1005N; In isopropanol; Suitable for use as a titration standard.

ACID



Hydrochloric Acid Solution, 0.1N (N/10)

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SA54-1
4L	Poly Bottle	SA54-4
10L	PolyPac™	SA54-10
20L	PolyPac™	SA54-20

HCl; **CAS** [7647-01-0, 7732-18-5]; **Melting Point**: -17°C; **Boiling Point**: 81.5° to 110°C; **Density**: 1.16g/mL; **DOT Class 8**: Corrosive; **UN**: 1789; 0.0995 to 0.1005N
Solubility in water: Soluble
Standardized at 25°C to pH 8.2 against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.

ACID



Hydrochloric Acid, 0.1N



Quantity	Packaging	Cat. No.
4L	Poly Natural Bottle	36001
20L	Cubitainer™	36005

Liquid; Muriatic Acid; HCl; **CAS** [7732-18-5, 7647-01-0]

Hydrochloric Acid, 0.1N/IPA



Quantity	Packaging	Cat. No.
1L	Poly Natural Bottle	380032
4L	Poly Natural Bottle	38001

Clear colorless liquid; CAS [7647-01-0 (Hydrochloric Acid), 67-63-0 (isopropyl alcohol)]; **Melting Point:** Approx. -88°C; **Boiling Point:** Approx. 82°C; 0.100N; In Isopropanol; **Solubility:** Infinite

Hydrochloric Acid, 0.1N



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	AC12420-0010

CIH; HCl; **FW:** 36.46; CAS [7647-01-0, 7732-18-5]; **Boiling Point:** 100.0°C; **Density:** 1.0000g/mL; Solubility in water: miscible. Other solubilities: soluble in alcohol and benzene; Clear, colorless solution; 0.0998 to 0.1002N (20°C)

Hydrochloric Acid, 0.1N

BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Poly Bottle	02003027

HCl; **FW:** 36.46; CAS [7647-01-0]; 0.1N Volumetric Solution

Hydrochloric Acid, 0.1N (0.1M)

Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC152204
20L	Cubitaíner™	LC152205

Liquid; Muriatic Acid; HCl; **FW:** 36.46; CAS [7732-18-5, 7647-01-0]; **Density:** 1g/mL; Clear, colorless solution; 0.1000N ± 0.0005N Soluble in water

Hydrochloric Acid Solution, 0.2N (N/5)

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SA52-500
20L	PolyPac™	SA52-20

HCl; CAS [7647-01-0, 7732-18-5]; **Melting Point:** -17°C; **Boiling Point:** 81.5° to 110°C; **Density:** 1.16g/mL; **DOT Class 8:** Corrosive; **UN:** 1789; 0.1990 to 0.2010N Standardized at 25°C to pH 8.2 against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.

Hydrochloric Acid, 0.5N (0.5M)

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC152802
4L	Poly Bottle	LC152804

Liquid; Muriatic Acid; HCl; **FW:** 36.46; CAS [7732-18-5, 7647-01-0]; **DOT Class 8:** Corrosive; **UN:** 1789; **Recommended Storage:** Room Temperature; clear, colorless solution; 0.500N ± 0.005N; Soluble in water

Hydrochloric Acid Solution, 0.5N (N/2)

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SA50-1
4L	Poly Bottle	SA50-4
20L	PolyPac™	SA50-20

Muriatic Acid; HCl; CAS [7647-01-0, 7732-18-5]; **Melting Point:** -17°C; **Boiling Point:** 81.5° to 110°C; **Density:** 1.16g/mL; **DOT Class 8:** Corrosive; **UN:** 1789; 0.498 to 0.502N; Solubility in water: Soluble Standardized at 25°C to pH 8.2 against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.

ACID ChemAlert® Storage Code WHITE

Hydrochloric Acid Solution, 1N

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SA48-500
1L	Poly Bottle	SA48-1
4L	Poly Bottle	SA48-4
20L	PolyPac™	SA48-20

Muriatic Acid; HCl; CAS [7647-01-0, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; **DOT Class 8:** Corrosive; **UN:** 1789; 0.995 to 1.005N; Standardized at 25°C to pH 8.2 against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.

ACID ChemAlert® Storage Code WHITE

Hydrochloric Acid, 1.0N (1.0M)

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC153002
4L	Poly Bottle	LC153004
20L	Cubitaíner™	LC153005

Liquid; Muriatic Acid; HCl; **FW:** 36.46; CAS [7732-18-5, 7647-01-0]; **DOT Class 8:** Corrosive; **UN:** 1789; Clear, colorless solution; 1.000N ± 0.005N; Soluble in water

Hydrochloric Acid, 1N



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	AC12421-0010

CIH; HCl; **FW:** 36.46 CAS [7647-01-0, 7732-18-5]; **Boiling Point:** 100.0° to 103.0°C; **Density:** 1.0200g/mL; **UN:** 1789; Solution: 0.998 to 1.002N (20°C)

Hydrochloric Acid, 1N

BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Poly Bottle	02003038

HCl; **FW:** 36.46; CAS [7647-01-0]; 1N Volumetric Solution

Hydrochloric Acid Solution, 2N

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SA431-500

Muriatic Acid; HCl; CAS [7647-01-0, 7732-18-5]; **Melting Point:** -17°C; **Boiling Point:** 81.5° to 110°C; **Density:** 1.16g/mL; **DOT Class 8:** Corrosive; **UN:** 1789; 1.995 to 2.005N; Standardized at 25°C to pH 8.2 against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.

ACID ChemAlert® Storage Code WHITE

Hydrochloric Acid, 2N



Quantity	Packaging	Cat. No.
4L	Poly Natural Bottle	37101
20L	Cubitrainer™	37105

Clear colorless liquid; Muriatic Acid; HCl; CAS [7732-18-5, 7647-01-0]; 2.00N

Hydrogen Chloride, 3M in CPME



Quantity	Packaging	Cat. No.
100mL	AcroSeal™ Glass Bottle	AC44585-1000

ClH; HCl; **FW.** 36.45 CAS [7647-01-0, 5614-37-9]; **Flash Point:** -1°C; **Boiling Point:** 106.0°C; **Density:** 0.8950g/mL; Colorless to light yellow solution; 2.85 to 3.30M

Hydrochloric Acid, 6.0N (6.0M)

Certified Standard



Quantity	Packaging	Cat. No.
2.5L	Clear Glass Bottle	LC153703

Liquid; Muriatic Acid; HCl; **FW.** 36.46; CAS [7732-18-5, 7647-01-0]; **DOT Class 8:** Corrosive; **UN:** 1789; Clear, colorless solution; 6.0N ± 0.1N; Soluble in water

Hydrochloric Acid, 6N

BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
4L	Pressure Bottom Poly Bottle	02003064

HCl; **FW.** 36.46; CAS [7647-01-0]; 6N Volumetric Solution

Hydrochloric Acid Solution, 6N

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SA56-500
1L	Glass Bottle	SA56-1
4L	Glass Bottle	SA56-4

Muriatic Acid; HCl·H₂O; CAS [7732-18-5, 7647-01-0]; **Melting Point:** -74°C; **Boiling Point:** 81.5° to 110°C; **Density:** 1g/mL; **DOT Class 8:** Corrosive; **UN:** 1789; 5.95 to 6.05N; Traceable to NIST™; Standardized at 25°C to pH 8.2 against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.



Hydrochloric Acid (1+19)

Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC150504

Liquid; 5.0% v/v ± 0.3%; Muriatic Acid; HCl; **FW.** 36.46 CAS [7732-18-5, 7647-01-0]; **DOT Class 8:** Corrosive; **UN:** 1789; Clear, colorless solution; Soluble in water

Hydrochloric Acid (1+4)

Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC150904

Liquid; 20% v/v ± 1%; Muriatic Acid; HCl; **FW.** 36.46 CAS [7732-18-5, 7647-01-0]; **DOT Class 8:** Corrosive; **UN:** 1789; Clear, colorless solution; Soluble in water

Hydrochloric Acid, 33.33% (v/v)



Quantity	Packaging	Cat. No.
4L	Natural Bottle	35821

Clear, Orange Liquid; CAS [7647-01-0 (Hydrochloric Acid), 547-58-0 (Methyl Orange, Sodium Salt)]; 33.33% (v/v); With 0.0005% (w/v) Methyl Orange Indicator; Aqueous Solution

Hydrochloric Acid, 37%

ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC42379-5000
2.5L	Glass Bottle, EcoSafPak™	AC42379-0025

Muriatic Acid; ClH; HCl; **FW.** 36.45; CAS [7647-01-0, 7732-18-5] **Melting Point:** -35.0°C; **Boiling Point:** 57.0°C; **Density:** 1.1800g/mL; **UN:** 1789; ~37% Solution in Water

Hydrochloric Acid (1+1)

Certified Standard



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	LC151302
2.5L	Clear Glass Bottle	LC151303

Liquid; 50% v/v ± 1%; Muriatic Acid; HCl; **FW.** 36.46 CAS [7732-18-5, 7647-01-0]; **DOT Class 8:** Corrosive; **UN:** 1789; Clear, colorless solution; Soluble in water

Hydrofluoric Acid



Quantity	Packaging	Cat. No.
500mL	Plastic Bottle	AC22333-5000

HF; **FW.** 20.00 CAS [7664-39-3, 7732-18-5]; **Melting Point:** -35.0°C; **Boiling Point:** 105.0°C; **Density:** 1.1500g/mL; **UN:** 1790; 48 to 51% Solution in Water

Hydrogen Peroxide

Optima™



Quantity	Packaging	Cat. No.
500mL	FEP Bottle	P170-500

Liquid; H₂O₂; **F.W.** 34.02; CAS [7722-84-1]; Ideal for analysis by IC, GF or Flame AA, ICP-OES and ICP-MS Evaluated for 65 metals at low-level ppt concentrations. Manufactured, purified, and packaged in Class 1000 clean room. Packaged in specially cleaned Teflon FEP for PFA bottles to maintain product integrity and to eliminate metal leaching from glass bottles. Three-year shelf life from time of manufacture - available on COA. **Applications:** Trace metal analysis, preparing calibration solutions, sample digestion, and instrument or glassware pre-rinsing/cleaning.



Hydrogen Peroxide, 3%

USP



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	H312-500
4L	Poly Bottle	H312P-4
4L	Glass Bottle	H312-4

3% w/v; Hydrogen Dioxide, Hydroperoxide; H₂O₂; **F.W.** 34.01; CAS [7722-84-1, 7732-18-5]; **Density:** >1.00 Soluble in water



Hydrogen Peroxide, 30% Certified Standard



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	H324-500

3.0 to 3.5%; Hydrogen Dioxide, Hyperoxide; H₂O₂; F.W. 34.01; CAS [7722-84-1, 7732-18-5]; Density: >1.00



Hydrogen Peroxide, 30% ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	3821716
1L	Poly Natural Bottle	3821732
4L	Poly Natural Bottle	382171
20L	Cubitainer™	382175

Clear colorless liquid; CAS [7722-84-1, 7732-18-5]

Hydrogen Peroxide, 30% Certified Standard ACS



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	H325-100
500mL	Poly Bottle	H325-500
4L	Poly Bottle	H325-4
30 gal.	Poly Drum	H325-30GAL

30.0 to 32.0%; Hyperoxide; H₂O₂; F.W. 34; CAS [7722-84-1, 7732-18-5]; Melting Point: -33°C; Boiling Point: 108°C; Density: 1.10; DOT Class 5.1: Oxidizer; UN: 2014; Solubility in water: miscible



Hydrogen Peroxide, 30% Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	H323-500

29 to 36%; Hydrogen Dioxide, Hyperoxide; H₂O₂; F.W. 34.01; CAS [7722-84-1, 7732-18-5, 12058-66-1]; Melting Point: -33°C; Boiling Point: 108°C; Density: 1.1g/mL; DOT Class 5.1: Oxidizer; UN: 2014; Stabilized with Sodium Stannate



Hydrogen Peroxide, 30% BAKER ANALYZED™ ACS Reagent



Quantity	Packaging	Cat. No.
500mL	HDPE Pressure Bottom Poly Bottle	02003190
4L	Poly Bottle	02003189

Meets ACS Reagent Chemical Requirements; 30%; H₂O₂; F.W. 34.01; CAS [7722-84-1]; Stabilized

Hydrogen Peroxide, 30% ULTREX™ II Ultrapure Reagent



Quantity	Packaging	Cat. No.
450mL	HDPE Pressure Bottom Poly Bottle	02003185

30%; H₂O₂; F.W. 34.01 CAS [7722-84-1]

Hydrogen Peroxide, 30% Suprapur™



Quantity	Packaging	Cat. No.
250mL	Plastic Bottle	M1072980250
1L	Plastic Bottle	M1072981000

Clear colorless liquid; 30%; Perhydrol; H₂O₂; CAS [7722-84-1]; Melting Point: -26°C; Boiling Point: 107°C (1013 hPa); Density: 1.11g/cm³ (20°C); Suprapur™; pH: 2 to 4 (H₂O, 20°C); Soluble (20°C)

Hydrogen Peroxide, >30% Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC154301
1L	Poly Bottle	LC154302

Liquid; >30% w/w; H₂O₂; F.W. 34.01; CAS [7732-18-5, 7722-84-1]; Melting Point: -0.41°C; Boiling Point: 150.2°C; Density: 1.41g/cm³; DOT Class 5.1: Oxidizer; UN: 2014; Clear, colorless solution; Soluble in water

Hydrogen Peroxide, 34-37% Technical Grade



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	H327-500

34 to 37%; Hydrogen Dioxide, Hyperoxide; H₂O₂; F.W. 34.01; CAS [7722-84-1, 7732-18-5, 12058-66-1]; Melting Point: -33°C; Boiling Point: 108°C; Density: 1.1g/mL; DOT Class 5.1: Oxidizer; UN: 2014



Hydrogen Peroxide, 50% Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	H341-500

48 to 51%; Hydrogen Dioxide, Hyperoxide; H₂O₂; F.W. 34.01; CAS [7722-84-1, 7732-18-5]; Melting Point: -33°C; Boiling Point: 108°C; Density: 1.1g/mL; DOT Class 5.1: Oxidizer; UN: 2014; Stabilized



Iodine (Iodine-Iodide) Solution, 0.0473N



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	39901

For Iodine Adsorption Number of Carbon Black; CAS [7553-56-2, 7681-11-0, 7732-18-5]; Dark Brown Liquid; Melting Point: ~0°C; Boiling Point: ~100°C; Density: 1.05; Solubility: Miscible

Iodine (Iodine-Iodide) Solution, 0.1N (N/10)



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	400032
4L	Amber Glass Bottle	40001

Dark Brown Liquid; CAS [7553-56-2, 7681-11-0, 7732-18-5]; Melting Point: ~0°C; Boiling Point: ~100°C; Density: 1.05; Solubility: Miscible

Iodine, 0.01N (0.005M) Certified Standard



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	LC156002

Liquid; I₂; F.W. 253.809; CAS [7732-18-5, 7681-11-0, 7553-56-2, 7647-01-0]; Red-brown solution; 0.0100N ± 0.0001N; Soluble in water

Iodine Solution, 0.02N (N/50) Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SI92-1

CAS [7553-56-2, 7681-11-0, 7732-18-5]; Melting Point: 0°C (32°F); Density: 1g/mL; 0.0195 to 0.0205N



Iodine, 0.1N (0.05M) Certified Standard



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	LC156602
4L	Amber Glass Bottle	LC156604

Liquid; I₂; **FW**: 253.809; CAS [7732-18-5, 7681-11-0, 7553-56-2, 7647-01-0]; Dark red-brown solution; 0.1000N ±0.0005N; Soluble in water

Iodine Solution, 0.1N (N/10) Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SI86-1

CAS [7681-11-0, 7553-56-2, 7732-18-5]; **Melting Point**: 0°C (32°F); **Density**: 0.7; 0.0995 to 0.1005N; Soluble in water; Standardized volumetrically at 25°C against NIST™ arsenous acid.



GRAY

Iodine Solution, 1N Certified Standard



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SI78-500

CAS [7553-56-2, 7681-11-0, 7732-18-5]; **Melting Point**: 0°C (32°F); **Density**: 1g/mL; **DOT Class 8**: Corrosive; **UN**: 1760; 0.995 to 1.005N; Standardized volumetrically at 25°C against NIST™ Arsenous Acid.



GRAY

Iodine Solution, Hanus



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SI98-500

Iodobromide Test Solution; CAS [7726-95-6, 7553-56-2, 64-19-7]; **Melting Point**: 17°C; **Flash Point**: 38°C; **Boiling Point**: 118°C; **Density**: 1.06g/mL; **DOT Class 8**: Corrosive; **UN**: 2920; Used for iodine number determination.



WHITE

Iodine Solution, Wijs



Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	SI106-500
1L	Amber Glass Bottle	SI106-1
4L	Amber Glass Bottle	SI106-4

CAS [7553-56-2, 64-19-7, 7782-50-5]; **Melting Point**: 17.2°C; **Flash Point**: 41°C; **Boiling Point**: 117.8°C; **Density**: 1.06g/mL; **DOT Class 8**: Corrosive; **UN**: 2920; **Concentration**: 0.215 For determination of iodine absorption number in fats. Approximately 0.22N solution in glacial acetic acid.



WHITE

Ionic Strength Adjustor



Quantity	Packaging	Cat. No.
1L	Poly Natural Bottle	412832

CAS [7732-18-5, 1310-73-2, 67-56-1, 6381-92-6, 125-20-2]; pH Indicating and Adjusting, for use with Ammonia Selective Electrode

Isopropyl Alcohol, 70% Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC157602
4L	Poly Bottle	LC157604
20L	Cubitainer™	LC157605
200L	Poly Drum	LC15760200

Liquid; 70% v/v; IPA; C₃H₈O; **FW**: 60.09; CAS [67-63-0, 7732-18-5]; **Melting Point**: -88°C; **Flash Point**: 12°C; **Boiling Point**: 82°C; **Density**: 0.88g/mL; **DOT Class 3**: Flammable Liquid **UN**: 1219; Clear, colorless solution; Soluble in water

Kauri Gum Solution



Quantity	Packaging	Cat. No.
1 qt.	Metal Can	SK7-1QT

CAS [77465-88-4, 71-36-3]; **Flash Point**: 47°C; **DOT Class 3**: Flammable Liquid; **UN**: 1120 In Butanol



RED

Kerosene Reagent Grade



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	LC158504

Liquid; CAS [64742-48-9]; **Melting Point**: -20°C; **Flash Point**: 61°C; **Density**: 769kg/m³; **DOT Class 3**: Flammable Liquid; **UN**: 1223; Clear, colorless solution

Kjel-Sorb™ Solution Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle, EcoSafPak™	SK15-4
20L	PolyPac™	SK15-20

CAS [10043-35-3]; **DOT Class 9**: Miscellaneous; Saturated boric acid solution with indicator for use in Kjeldahl determinations.



GRAY

Magnesium Sulfate Heptahydrate Solution, 2.25% APHA



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SM109-1

MgSO₄; CAS [7487-88-9, 7732-18-5]; **Melting Point**: 0°C (32°F); **Density**: 1g/mL; Suitable for biochemical oxygen demand.



GRAY

Manganese (II) Sulfate Solution



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SM20-500
1L	Glass Bottle	SM20-1

CAS [7785-87-7, 7732-18-5]; **Density**: 1.27g/mL; For determination of dissolved oxygen.



GRAY

Methyl Orange Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC170101

Liquid; 4-NaOSO₂C₆H₄N:NC₆H₄-4-N(CH₃)₂; **FW**: 327.34; CAS [7732-18-5, 547-58-0]; Dark orange solution; 0.1% Aqueous; **pH**: 3.2 to 4.4; Soluble in water

Methylene Blue Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC169402

Liquid; $C_{16}H_{18}N_3SCl$; **FW.** 319.85; CAS [7732-18-5, 61-73-4];
Density: 1g/mL; Dark blue solution; 1% Aqueous; Soluble in water

Murexide



Quantity	Packaging	Cat. No.
5g	Glass Bottle	M274-5

Powder; Ammonium Purpurate Acid; $C_8H_8N_6O_6$; **FW.** 284.20;
CAS [3051-09-0]; **Melting Point:** 355.00°C

ChemAlert™
Storage Code
GRAY

Murexide Indicator APHA/EPA



Quantity	Packaging	Cat. No.
100g	Glass Bottle	5220100
500g	Glass Bottle	5220500

APHA/EPA for Calcium; 0.2% (w/w) dry mixture in Sodium Chloride

Nessler's Reagent Solution



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SN161-500

Mercuric and Potassium Iodide Solution; CAS [7681-11-0];
DOT Class 8: Corrosive; **UN:** 2922
Soluble in water; For determination of ammonia, urea
nitrogen and nonprotein nitrogen.

ChemAlert™
Storage Code
WHITE

Nitric Acid Solution, 0.1N (N/10) Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SA94-1

HNO_3 mixture; CAS [7697-37-2, 7732-18-5];
Melting Point: 0°C (32°F); **Density:** 1g/mL;
0.0995 to 0.1005N; **ACID**

A volumetric standard solution, titrated at 25°C to
pH 8.2 (phenolphthalein endpoint) against sodium hydroxide, which has
been standardized against NIST™ potassium acid phthalate.

ChemAlert™
Storage Code
GRAY

Nitric Acid, 0.1N BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Amber Glass Bottle	02003462

HNO_3 ; **FW.** 63.01; CAS [7697-37-2]; 0.1N Volumetric Solution

Nitric Acid, 0.1N (0.1M) Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC178002

Liquid; HNO_3 ; **FW.** 63.01; CAS [7732-18-5, 7697-37-2]; **Density:** 1g/mL;
Clear, colorless solution; 0.1000N ± 0.0005N; Soluble in water

Nitric Acid (1+9) Certified Standard



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	LC177302

Liquid; 10.0% v/v ± 0.5%; HNO_3 ; **FW.** 63.01 CAS [7732-18-5, 7697-37-2];
Density: 1.05g/mL; **DOT Class 8:** Corrosive; **UN:** 2031;
Clear, colorless solution; Soluble in water

Nitric Acid, 20%



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	532632

Clear, Colorless to Pale-Yellow Liquid; CAS [7732-18-5, 7697-37-2];
20% (v/v); Aqueous Solution

Nitric Acid, 50%



Quantity	Packaging	Cat. No.
1L	Amber Glass Safety Coated Bottle	535032
2.50L	Glass Safety Coated Bottle	53505PT

Clear, Colorless to Pale-Yellow Liquid; CAS [7732-18-5, 7697-37-2];
50% (v/v); Aqueous Solution

Nitric Acid (1+1) Certified Standard



Quantity	Packaging	Cat. No.
2.5L	Clear Glass Bottle	LC177703

Liquid; 50% v/v ± 1%; HNO_3 ; **FW.** 63.01 CAS [7732-18-5, 7697-37-2];
Density: 1.25g/mL; **DOT Class 8:** Corrosive; **UN:** 2031;
Clear, colorless solution; Soluble in water

Nitrite (as Nitrogen) Standard Certified Standard



Quantity	Packaging	Cat. No.
125mL	Poly Bottle	LC179207

Liquid; KNO_2 ; **FW.** 85.1; CAS [7732-18-5, 7758-09-0]; **Density:** 1g/mL;
Clear, colorless solution; 1000ppm ± 10ppm;
(1mL = 1mg N, 1mL = 3.28mg NO_2^-); Soluble in water

Oxalic Acid Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC180802

Liquid; 10.0% w/v ± 0.5%; $HO_2C_2O_2H$; **FW.** 90.04
CAS [7732-18-5, 6153-56-6]; Clear, colorless solution; For Silica;
Soluble in water

Perchloric Acid Solution Certified Standard



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SP339-500

$ClHO_4$; CAS [64-19-7, 7601-90-3]; **Flash Point:** 40°C;
Density: 1.06g/mL; **DOT Class 8:** Corrosive; **UN:** 2920; **ACID**

0.0995 to 0.1005N; N/10 (0.1N);
Solubility in water: insoluble; For nonaqueous
titrations. In glacial acetic acid. Reference Standard: NIST™ potassium
acid phthalate.

ChemAlert™
Storage Code
RED

Phenol/Chloroform/Isoamyl Alcohol (25:24:1), Molecular Biology Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC32711-5000

CAS [136112-00-0, 67-66-3, 123-51-3, 136112-00-0];
Density: 1.2800g/mL; **UN:** 2927
Stabilized, saturated with 100mM Tris-EDTA to pH 8.0

Phenol/TRIS Saturated Solution Molecular Biology Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC32712-5000

CAS [108-95-2, 77-86-1, 7732-18-5]; **UN:** 2810

Phenolphthalein Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC182001

Liquid; $C_{20}H_{14}O_4$; **FW:** 318.32; CAS [7732-18-5, 64-17-5, 67-63-0, 67-56-1, 77-09-8]; **Density:** 0.95g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1170; Clear, colorless to pink solution; 0.5% In 50% Ethanol; **pH:** 8.3 to 10.0; Soluble in water

Phenolphthalein Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC182101

Liquid; $C_{20}H_{14}O_4$; **FW:** 318.32 CAS [67-63-0, 7732-18-5, 77-09-8]; **DOT Class 3:** Flammable Liquid; **UN:** 1219; Clear, colorless to pink solution; 1% In 60% Isopropanol; **pH:** 8.3 to 10.0; Soluble in water

Phenolphthalein Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC182201
1L	Poly Bottle	LC182202

Liquid; $C_{20}H_{14}O_4$; **FW:** 318.32; CAS [64-17-5, 67-63-0, 67-56-1, 77-09-8]; **Density:** 0.95g/mL; **DOT Class 3:** UN: 1170; Clear, colorless to pink solution; 1% in 95% Ethanol; **pH:** 8.3 to 10.0; Soluble in water

Phenylarsine Oxide Solution Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SP68-1
4L	Glass Bottle	SP68-4

CAS [637-03-6, 1310-73-2, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; 0.00559 to 0.00569N; 0.00564N; **pH:** 6 to 7 (at 25°C)



Phenylarsine Oxide Solution Certified Standard



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	SP65-1

CAS [637-03-6, 1310-73-2, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; 0.024 to 0.026N; 0.025N; **pH:** 6 to 7 (at 25°C)



Phosphate Buffer Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC185404

Liquid; KH_2PO_4 ; **FW:** 136.09; CAS [7732-18-5, 7778-77-0, 7558-79-4, 6381-92-6, 7487-94-7]; **Density:** 1g/mL; Clear, colorless solution; For Chlorine, Chlorine Dioxide; **pH** 6.2 to 6.5; Soluble in water

Phosphate Buffer Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC185601

Liquid; KH_2PO_4 ; **FW:** 136.09; CAS [7732-18-5, 7758-11-4, 7778-77-0]; Clear, colorless solution; For Phenols; **pH** 6.8 ± 0.1; Soluble in water

Phosphoric Acid ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Glass Bottle, EcoSafPak™	AC42404-5000
2.5L	Glass Bottle	AC42404-0025

Orthophosphoric Acid; H_3O_4P ; H_3PO_4 ; **FW:** 98.00; CAS [7664-38-2, 7732-18-5]; **Melting Point:** 21.0°C; **Boiling Point:** 158.0°C; **Density:** 1.6800g/mL; **UN:** 1805

Phosphoric Acid, (1+9) Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC186501

Liquid; 10.0% ± 0.2% v/v; H_3PO_4 ; **FW:** 97.1; CAS [7732-18-5, 7664-38-2]; **DOT Class 8:** Corrosive; **UN:** 1805; Clear, colorless solution; Soluble in water

Picric Acid Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC186701
1L	Poly Bottle	LC186702

Liquid; $C_6H_3N_3O_7$; **FW:** 229.1; CAS [7732-18-5, 88-89-1]; **Density:** 1g/mL; Yellow solution; Saturated; Soluble in water

Picric Acid



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	586016
1L	Poly Natural Bottle	586032

Clear, yellow liquid; CAS [7732-18-5, 88-89-1]; **Boiling Point:** Approx. 100°C; approximately 1.2% (w/v); **pH:** 1.5 to 2.0; Saturated Aqueous Solution

Platinum (IV) Chloride Solution



Quantity	Packaging	Cat. No.
25mL	Glass Bottle	SP119-25

Platinic Chloride Solution; $H_2Cl_6Pt \cdot xH_2O$; CAS [16941-12-1, 7647-01-0, 7732-18-5]; **Melting Point:** <0°C; **DOT Class 8:** Corrosive; **UN:** 3264; 10% w/v



Potassium Biiodate Solution Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SP340-1

CAS [13455-24-8, 64-02-8, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; 0.0248 to 0.0252N; 0.025N (N/40); Suitable for determination of dissolved oxygen.



Potassium tert-Butoxide Pure



Quantity	Packaging	Cat. No.
2.5L	AcroSeal™ Glass Bottle	AC37122-0025

Colorless to yellow-orange solution; Potassium tert-Butylate; C_4H_9KO ; $(CH_3)_3COK$; **FW:** 112.21; CAS [865-47-4, 109-99-9]; **Flash Point:** -19°C; **Density:** 0.9020g/mL; **UN:** 2920; 0.95 to 1.10M

Potassium Chloride, 3.00M (3.00N) Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC187951

Liquid; KCl; **FW.** 74.55; CAS [7732-18-5, 7447-40-7]; **Density:** 1.13g/mL; Clear, colorless solution; 3.00M ± 0.05M; Soluble in water

Potassium Chromate Solution



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SP152-500

5% w/v; Neutral Potassium Chromate; K₂CrO₄; **FW.** 194.19; CAS [7789-00-6, 7761-88-8, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1.03g/mL; Indicator for volumetric chloride determination. Formulated as for APHA.

ChemAlert® Storage Code
GRAY

Potassium Dichromate Solution Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SP170-1

CAS [7778-50-9, 7732-18-5]; 0.0995 to 0.1005N; 0.1N (N/10);

ChemAlert® Storage Code
BLUE

Potassium Dichromate ACS/EP/USP



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	606016
4L	Natural Bottle	60601
20L	Cubitainer™	60605

Clear, Orange Liquid; CAS [7732-18-5, 7778-50-9]; 0.100N, 0.0167M

Potassium Fluoride Solution



Quantity	Packaging	Cat. No.
20L	PolyPac™	SP354-20

50% w/w; CAS [13455-21-5, 7732-18-5]; **DOT Class 6.1:** Poison; **UN:** 3287; **pH:** 8.0 to 8.2 (1:6 dilution); Soluble in water

ChemAlert® Storage Code
BLUE

Potassium Fluoride Certified Standard



Quantity	Packaging	Cat. No.
20L	Cubitainer™	LC191105

Liquid; 50% w/w; KF; **FW.** 58.1 CAS [7732-18-5, 7789-23-3]; **Density:** 1.22g/mL; **Recommended Storage:** Room Temperature; clear, colorless solution; as Dihydrate; Soluble in water

Potassium Hydroxide, 0.1N (0.1M) Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC195504

Liquid; KOH; **FW.** 56.11 CAS [67-63-0, 1310-58-3]; **DOT Class 3:** Flammable Liquid; **UN:** 1993; Clear, colorless solution; 0.1000N ± 0.0005N; in isopropanol; Soluble in water

Potassium Hydroxide Solution, 0.1N Certified Standard



Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	ST110-500

CAS [67-63-0, 1310-58-3]; **Melting Point:** -88.89°C; **Flash Point:** 15°C; **Boiling Point:** 82.78°C; **Density:** 0.8g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 2924; 0.0995 to 0.1005N; 0.1N, in isopropanol; Application: For use as a titration standard.

CAUSTIC ChemAlert® Storage Code
RED

Potassium Hydroxide Solution, 0.1N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SP214-1

KOH; **FW.** 56.11; CAS [1310-58-3, 7732-18-5]; **Density:** 1.3g/mL; **DOT Class 8:** Corrosive; **UN:** 1814; 0.0995 to 0.1005N; 0.1N (N/10); Titrated at 25°C to pH 8.6 (phenolphthalein endpoint) against NIST™ potassium acid phthalate.

CAUSTIC ChemAlert® Storage Code
WHITE

Potassium Hydroxide Solution, 0.1N Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SP224-1
4L	Poly Bottle	SP224-P4

KOH; **FW.** 56.11; CAS [1310-58-3, 67-56-1, 7732-18-5]; **Melting Point:** -100°C (-148°F); **Flash Point:** 10°C; **Boiling Point:** 66.11°C; **Density:** 0.8g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 2924; 0.0995 to 0.1005N; 0.1N (N/10), in methanol; Titrated at 25°C to pH 8.2 (phenolphthalein endpoint) against standardized HCl. Components: Methyl Alcohol (92.5-99.0%), Potassium Hydroxide (0.75-7.5%), and Water (0.6-6.0%)

CAUSTIC ChemAlert® Storage Code
RED

Potassium Hydroxide Solution, 0.5N Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SP222-1
20L	PolyPac™	SP222-20

KOH; **FW.** 56.11; CAS [1310-58-3, 67-56-1, 7732-18-5]; **Melting Point:** -100°C (-148°F); **Flash Point:** 11°C; **Boiling Point:** 66.11°C; **Density:** 0.8g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 2924; 0.497 to 0.500N; 0.5N (N/2), in methanol; Titrated at 25°C to pH 8.2 (phenolphthalein endpoint) against standardized HCl.

CAUSTIC ChemAlert® Storage Code
RED

Potassium Hydroxide, 0.5N BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Poly Bottle	02003686

KOH; **FW.** 56.11; CAS [1310-58-3]; **Flash Point:** 13.00°C; 0.5N in Ethanol Volumetric Solution, the titer found falls within the range 0.980mg to 1.020mg CaCO₃/mL

Potassium Hydroxide, 0.5N (0.5M) Certified Standard



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	LC195602

Liquid; KOH; **FW.** 56.11 CAS [64-17-5, 67-63-0, 67-56-1, 1310-58-3]; **DOT Class 8:** Corrosive; **DOT Class 3:** Flammable Liquid; **UN:** 2924; Clear, colorless to light orange solution; 0.500N ± 0.005N; in ethanol; Soluble in water

Potassium Hydroxide Solution, 1N Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SP208-500

FW. 56.11; CAS [1310-58-3, 7732-18-5]; **Density:** 1.3g/mL; **DOT Class 8:** Corrosive; **UN:** 1814; 0.995 to 1.005N; 1N; Titrated at 25°C to pH 8.6 (phenolphthalein endpoint) against NIST™ potassium acid phthalate.

CAUSTIC ChemAlert® Storage Code
WHITE

Potassium Hydroxide Solution, 1N Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SP220-1

KOH; **F.W.** 56.11; CAS [1310-58-3, 67-56-1, 7732-18-5]; **Melting Point:** -100°C (-148°F); **Flash Point:** 11°C; **Boiling Point:** 66.11°C; **Density:** 0.8g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 2924; 0.995 to 1.005N; 1N, in methanol; Titrated at 25°C to pH 8.2 (phenolphthalein endpoint) against standardized HCl.



Potassium Hydroxide, 1.00N



Quantity	Packaging	Cat. No.
1L	Plastic Plastic Bottle	626232
4L	Plastic Plastic Bottle	62621

1.00N; Colorless; Liquid; CAS [1310-58-3, 67-56-1, 7732-18-5]; pH: >13; **Boiling Point:** ~64.5°C; **Flash Point:** 11°C (Methanol); **Density:** 0.8g/mL; **Solubility:** Miscible; **UN:** 2924

Potassium Hydroxide, 8N Pure



Quantity	Packaging	Cat. No.
10L	Plastic Drum	AC38062-0100

HKO; KOH; **F.W.** 56.11; CAS [1310-58-3, 7732-18-5]; **Density:** 1.3260g/mL; **UN:** 1814

Potassium Hydroxide Solution, 36-42% Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SP226-1

36 to 42%; Caustic Potash Solution; KOH; **F.W.** 56.11; CAS [1310-58-3, 7732-18-5]; **DOT Class 8:** Corrosive; **UN:** 1814; CO₂ Absorbent; For determination of carbon dioxide in gas analysis.



Potassium Hydroxide Solution, 45% BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
4L	Poly Bottle	02003768
19L	Jerrican (Poly Pail)	02003769

45%(w/w); KOH; **F.W.** 56.11 CAS [1310-58-3]

Potassium Hydroxide, >45% Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC192504

Liquid; >45.0% w/w; Caustic Potash; KOH; **F.W.** 56.11; CAS [7732-18-5, 1310-58-3]; **Density:** 1.44g/mL; **DOT Class 8:** Corrosive; **UN:** 1814; Clear, colorless solution; Soluble in water

Potassium Hydroxide Solution, 50%



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	616016
1L	Poly Natural Bottle	616032
4L	Poly Natural Bottle	61601

KOH; **F.W.** 56.11; CAS [1310-58-3]; Suitable for Orsat Gas Analysis; 50% (w/v)

Potassium Iodate Solution Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SP232-1

CAS [7758-05-6, 64-02-8, 7732-18-5]; **Melting Point:** 100°C (212°F); **Density:** 1g/mL; 0.0095 to 0.1005N; 0.1N (N/10); Oxidimetric standard.



Potassium Iodide Solution Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SP241-1

5% w/v; CAS [7681-11-0, 7732-18-5]; **Density:** 0.7g/mL; Soluble in water



Potassium Iodide Solution



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SP242-500
1L	Glass Bottle	SP242-1
4L	Glass Bottle	SP242-4

10% w/v; CAS [7681-11-0, 7732-18-5]; **Density:** 0.7g/mL; Soluble in water



Potassium Iodide Solution Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC197604

Liquid; 10.0% w/v ± 0.4% w/v; KI; **F.W.** 166; CAS [7732-18-5, 7681-11-0]; **Density:** 1.07g/mL; Protect from light; clear to slightly yellow solution; Soluble in water

Potassium Permanganate Solution, 0.1N Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SP288-1
4L	Glass Bottle	SP288-4

CAS [7722-64-7, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; 0.0995 to 0.1005N; 0.1N (N/10); Titrated at 25°C against NIST™ sodium oxalate.



Potassium Permanganate, 0.1N (0.02M) Certified Standard



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	LC199804

Liquid; KMnO₄; **F.W.** 158.04; CAS [7732-18-5, 7722-64-7]; **Density:** 1g/mL; Dark purple solution; 0.1000N ± 0.0005N; Soluble in water

Potassium Permanganate Solution, 1N Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SP282-1
4L	Glass Bottle	SP282-4

CAS [7722-64-7, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 3139; 0.995 to 1.005N; 1N; Traceable to NIST™



Potassium Thiocyanate ACS Volumetric Solution



Quantity	Packaging	Cat. No.
1L	Poly Natural Bottle	6580-32
4L	Poly Natural Bottle	6580-1
20L	Cubitainer™	6580-5

Clear colorless liquid; CAS [7732-18-5, 333-20-0]; 0.100N

Propargyl Bromide



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC13148-0010

80 wt.% solution in toluene, stabilized; 3-Bromopropyne; C₃H₃Br; **FW**, 118.96; CAS [106-96-7, 108-88-3]; **Flash Point**: 4°C; **Boiling Point**: 88.0°C to 90.0°C; **Density**: 1.3800g/mL; **Refractive Index**: 1.4900 to 1.4960; Solubility in water: immiscible

Pyridine-Barbituric Acid Reagent



Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	658416
1L	Amber Glass Bottle	658432

Clear, golden colored liquid; CAS [7732-18-5, 110-86-1, 7647-01-0, 67-52-7]; Six-month month shelf life, refrigerated

Pyridine-Barbituric Acid Reagent Certified Standard



Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	LC221901

Liquid; C₅H₅N; **FW**, 79.1; CAS [7732-18-5, 110-86-1, 67-52-7, 7647-01-0]; Light amber solution; For Cyanide; Soluble in water

Silver Nitrate Solution, 0.0141N APHA



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SS82-1

Nitric Acid Silver (1+) Salt; CAS [7761-88-8, 7732-18-5]; **Density**: 1g/mL; **DOT Class 5.1**: Oxidizer; **UN**: 1493; 1mL = 0.5mg Cl; 0.0141N; For chloride determination in water analysis. Standardized at 25°C.



Silver Nitrate, 0.0855N



Quantity	Packaging	Cat. No.
1L	Amber Plastic Bottle	698032
4L	Amber Plastic Bottle	69801
20L	Cubitainer™	69805

Colorless Liquid; CAS [7761-88-8; 7732-18-5]; pH: ~6; Melting Point: ~0°C; Boiling Point: ~100°C; Density: 1.02; Solubility: Miscible; UN: 3082

Silver Nitrate Solution, 0.1N Certified Standard



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SS72-500
1L	Glass Bottle	SS72-1
4L	Glass Bottle	SS72-4
20L	PolyPac™	SS72-20

CAS [7761-88-8, 7732-18-5]; **Density**: 0.7g/mL; **DOT Class 5.1**: Oxidizer; **UN**: 1493; 0.0995 to 0.1005N; 0.1N (N/10); Solubility in water: Soluble Standardized at 25°C against NIST™ potassium chloride.



Silver Nitrate, 0.1N BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
4L	Narrow Mouth Amber Glass Bottle	02003926

AgNO₃; **FW**, 169.87; CAS [7761-88-8]; 0.1 N Volumetric Solution

Silver Nitrate, 0.1N (0.1M) Certified Standard



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	LC227002
4L	Amber Glass Bottle	LC227004
20L	Cubitainer™	LC227005

Liquid; AgNO₃; **FW**, 169.87; CAS [7732-18-5, 7761-88-8]; **Density**: 1g/mL; Clear, colorless solution; 0.1000N ± 0.0005N; Soluble in water

Silver Nitrate, 0.141N



Quantity	Packaging	Cat. No.
1L	Amber Poly Bottle	700232
4L	Amber Poly Bottle	70021

CAS [7732-18-5, 7761-88-8]; 1mL = 5mg Cl; ASTM for Chloride; 0.141N

Silver Nitrate, 0.171N (0.171M) Certified Standard



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	LC227204

Liquid; AgNO₃; **FW**, 169.87 CAS [7732-18-5, 7761-88-8]; **Density**: 1g/mL; Clear, colorless solution; 0.171N ± 0.002N; 1mL = 10mg NaCl; Soluble in water

Silver Nitrate Solution, 1N Certified Standard



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SS68-500

AgNO₃; H₂O; CAS [7761-88-8, 7732-18-5]; **Boiling Point**: 444°C; **Density**: 1g/mL; **DOT Class 5.1**: Oxidizer; **UN**: 1493; 0.995 to 1.005N; 1N; Standardized at 25°C against NIST™ potassium chloride.



Sodium Azide



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC229402

Liquid; 0.5% w/v; NaN₃; **FW**, 65.01; CAS [7732-18-5, 26628-22-8]; **Density**: 1g/mL; Clear, colorless solution; For Chromium; Soluble in water

Sodium Carbonate Solution Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS148-1

CAS [5968-11-6, 7732-18-5]; **Melting Point**: 0°C (32°F); 0.995 to 1.005N; 1N; A volumetric Standard Solution, titrated at 25°C to pH 4.1 (Methyl Orange endpoint) against NIST™ Potassium Acid Phthalate.



Sodium Carbonate



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	716016
1L	Poly Natural Bottle	716032

CAS [7732-18-5, 497-19-8]; 10% (w/v); Aqueous Solution

Sodium Chloride Standard



Quantity	Packaging	Cat. No.
20L	Cubitainer™	7213095

Clear colorless liquid; CAS [7732-18-5, 7647-14-5];
Boiling Point: Approx. 100.1; **pH:** 6.7 to 7.3; **Shelf Life:** 24 months

Sodium Chloride

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC234602

Liquid; 0.900% w/v ± 0.006%; NaCl; **FW:** 58.44;
 CAS [7732-18-5, 7647-14-5]; Clear, colorless solution; Nonsterile;
 Soluble in water

Sodium Chloride, 0.9% (w/w)



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	721016
1L	Poly Natural Bottle	721032
4L	Poly Natural Bottle	72101
10L	Cubitainer™	721025
20L	Cubitainer™	72105

Isotonic Saline; Suitable for Use as Blood Bank Saline;
 Colorless Liquid; CAS [7647-14-5, 7732-18-5]; Odorless; pH: 6.7 to 7.3;
 Melting Point: 0.0°C; Boiling Point: 100°C; Density 1.01g/mL;
 Solubility: Miscible

Sodium Chloride Standard, 1.00% (w/w)



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	721316

CAS [7732-18-5, 7647-14-5]; 1.00% (w/w); Aqueous Solution;
 Colorless Liquid; CAS [7647-04-5, 7732-18-5]; Odorless; pH: 6.7 to 7.3;
 Melting Point 0.0°C; Boiling Point: 100°C

Sodium Hydroxide Solution, 0.01N

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS284-1
4L	Poly Bottle	SS284-4

Caustic Soda Solution; CAS [1310-73-2, 7732-18-5];
DOT Class 8: Corrosive; **UN:** 1824; 0.0100 to 0.0101N;
 0.01N (N/100) **CAUSTIC**

A volumetric standard solution, titrated at 25°C
 to pH 8.6 (phenolphthalein endpoint) against NIST™ potassium acid
 phthalate.

Sodium Hydroxide Solution, 0.02N

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS282-1
4L	Poly Bottle	SS282-4

Caustic Soda Solution; CAS [1310-73-2, 7732-18-5];
DOT Class 8: Corrosive; **UN:** 1824; 0.0198 to 0.0202N;
 0.02N (N/50) **CAUSTIC**

A volumetric standard solution, titrated at 25°C
 to pH 8.6 (phenolphthalein endpoint) against NIST™ potassium acid
 phthalate.

Sodium Hydroxide Solution, 0.05N

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS278-1

Caustic Soda Solution; CAS [1310-73-2, 7732-18-5];
DOT Class 8: Corrosive; **UN:** 1824; 0.0498 to 0.0502N;
 0.05N (N/20) **CAUSTIC**

A volumetric standard solution, titrated at 25°C
 to pH 8.6 (phenolphthalein endpoint) against NIST™ potassium acid
 phthalate.

Sodium Hydroxide Solution, 0.1N

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS276-1
4L	Poly Bottle	SS276-4
20L	PolyPac™	SS276-20

Caustic Soda Solution; CAS [1310-73-2, 7732-18-5];
DOT Class 8: Corrosive; **UN:** 1824; 0.0995 to 0.1005N;
 0.1N (N/10) **CAUSTIC**

A volumetric standard solution, titrated at 25°C
 to pH 8.6 (phenolphthalein endpoint) against NIST™ potassium acid
 phthalate.

Sodium Hydroxide, 0.1N



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	AC12419-0010

Caustic soda; HNaO; NaOH; **FW:** 40.00 CAS [1310-73-2, 7732-18-5];
Density: 1.0000g/mL; Solubility in water: soluble.
 Other solubilities: soluble in alcohol and glycerol

Sodium Hydroxide, 0.1N (0.1M)

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC242702
4L	Poly Bottle	LC242704
20L	Cubitainer™	LC242705

Liquid; Caustic Soda; NaOH; **FW:** 40; CAS [7732-18-5, 1310-73-2];
Density: 1g/mL; Clear, colorless solution; 0.1000N ± 0.0005N;
 Soluble in water

Sodium Hydroxide, 0.1N

BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Poly Bottle	02004109

NaOH; **FW:** 40; CAS [1310-73-2]; 0.1N Volumetric Solution

Sodium Hydroxide Solution, 0.2N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS274-1
4L	Poly Bottle	SS274-4

Caustic Soda Solution; NaOH; CAS [1310-73-2, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; **DOT Class 8:** Corrosive; **UN:** 1824; 0.2N (N/5); Soluble in water
A volumetric standard solution, titrated at 25°C to pH 8.6 (phenolphthalein endpoint) against NIST™ potassium acid phthalate.



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Sodium Hydroxide, 0.2N (0.2M) Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC242804

Liquid; Caustic Soda; NaOH; **FW:** 40; CAS [7732-18-5, 1310-73-2]; **Density:** 1.01g/mL; **DOT Class 8:** Corrosive; **UN:** 1824; Clear, colorless solution; 0.200N ± 0.001N; Soluble in water

Sodium Hydroxide Solution, 0.25N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS272-1
20L	PolyPac™	SS272-20

Caustic Soda Solution; NaOH; CAS [1310-73-2, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; **DOT Class 8:** Corrosive; **UN:** 1824; 0.2495 to 0.2505N; 0.25N (N/4); Soluble in water
A volumetric standard solution, titrated at 25°C to pH 8.6 (phenolphthalein endpoint) against NIST™ potassium acid phthalate.



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Sodium Hydroxide, 0.3125N



Quantity	Packaging	Cat. No.
4L	Poly Natural	73741

CAS [1310-73-2 (Sodium Hydroxide), 7732-18-5 (Water, deionized)]; Suitable for USDA Acidity Testing in Citrus Products; 0.3125N

Sodium Hydroxide, 0.313N



Quantity	Packaging	Cat. No.
4L	Poly Natural	73751
20L	Cubitainer™	73755

Clear colorless liquid; CAS [7732-18-5, 1310-73-2]; 0.313N (12.5g/L)

Sodium Hydroxide Solution, 0.5N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS270-1
4L	Poly Bottle	SS270-4
20L	PolyPac™	SS270-20

Caustic Soda Solution; CAS [1310-73-2, 7732-18-5]; **Melting Point:** >0°C; **Density:** >1.0; **DOT Class 8:** Corrosive; **UN:** 1824; 0.498 to 0.502N; 0.5N (N/2); Soluble in water
A volumetric standard solution, titrated at 25°C to pH 8.6 (phenolphthalein endpoint) against NIST™ potassium acid phthalate.



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Sodium Hydroxide, 0.5N (0.5M) Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC243302
4L	Poly Bottle	LC243304
20L	Cubitainer™	LC243305

Liquid; Caustic Soda; NaOH; **FW:** 40; CAS [7732-18-5, 1310-73-2]; **Density:** 1.02g/mL; **DOT Class 8:** Corrosive; **UN:** 1824; Clear, colorless solution; 0.5000N ± 0.0030N; Soluble in water

Sodium Hydroxide Solution, 1N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS266-1
4L	Poly Bottle	SS266-4
20L	PolyPac™	SS266-20

Caustic Soda Solution; CAS [1310-73-2, 7732-18-5]; **Melting Point:** >0°C; **Density:** >1.0; **DOT Class 8:** Corrosive; **UN:** 1824; 0.995 to 1.005N; 1N; Soluble in water; Volumetric standard solution, titrated at 25°C to pH 8.6 (phenolphthalein endpoint) against NIST™ potassium acid phthalate.



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Sodium Hydroxide, 1.0N (1.0M) Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC243502
4L	Poly Bottle	LC243504
20L	Cubitainer™	LC243505

Liquid; Caustic Soda; NaOH; **FW:** 40; CAS [7732-18-5, 1310-73-2]; **Density:** 1.04g/mL; **DOT Class 8:** Corrosive; **UN:** 1824; Clear, colorless solution; 1.000N ± 0.005N; Soluble in water

Sodium Hydroxide, 1N



Quantity	Packaging	Cat. No.
1L	Plastic Drum	AC12426-0010

Caustic Soda; HNaO; NaOH; **FW:** 40.00; CAS [1310-73-2, 7732-18-5]; **Density:** 1.0400g/mL; Solubility in water: soluble. Other solubilities: soluble in alcohol and glycerol

Sodium Hydroxide, 1N BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Poly Bottle	02004129
20L	Cubitainer	02004128

NaOH; **FW:** 40; CAS [1310-73-2]; 1N Volumetric Solution

Sodium Hydroxide Solution, 2N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS264-1

Caustic Soda Solution; NaOH; CAS [1310-73-2, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; **DOT Class 8:** Corrosive; **UN:** 1824; 1.98 to 2.02; 2N; A volumetric standard solution, titrated at 25°C to pH 8.6 (phenolphthalein endpoint) against NIST™ potassium acid phthalate.



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Sodium Hydroxide, 2.0N (2.0M) Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC243804

Liquid; Caustic Soda; NaOH; **FW**: 40; CAS [7732-18-5, 1310-73-2];
Density: 1.08g/mL; **DOT Class 8**: Corrosive; **UN**: 1824;
 Clear, colorless solution; 2.00N ± 0.02N; Soluble in water

Sodium Hydroxide Solution, 5N Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SS256-500

Caustic Soda Solution; NaOH;
 CAS [1310-73-2, 7732-18-5]; **Melting Point**: 0°C (32°F); **Density**: 1g/mL;
DOT Class 8: Corrosive; **UN**: 1824; 5N;
 A volumetric standard solution, titrated at 25°C to pH 8.6
 (phenolphthalein endpoint) against NIST™ potassium acid phthalate.



Sodium Hydroxide, 5N BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
1L	Narrow Mouth Poly Bottle	02004148

NaOH; **FW**: 40; CAS [1310-73-2]; 5N Volumetric Solution

Titristar™ Sodium Hydroxide Solution, 5N ± 0.020N



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	MSX0607L6

Clear Colorless Liquid; NaOH in water; **FW**: 40.00; 5.0N;
 For General Chemistry; Storage: Expires 18 Months from
 Manufacturing Date

Sodium Hydroxide Solution, 6.25N



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SS263-500

Caustic Soda Solution; NaOH;
 CAS [1310-73-2, 7732-18-5]; **Melting Point**: 0°C (32°F); **Density**: 1g/mL;
DOT Class 8: Corrosive; **UN**: 1824; 6.25N



Sodium Hydroxide Solution, 10N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS255-1
4L	Poly Bottle	SS255-4
20L	Poly Pail	SS255-20

Caustic Soda Solution; NaOH; CAS [1310-73-2,
 7732-18-5]; **Melting Point**: 0°C (32°F);
Density: 1.32g/mL; **DOT Class 8**: Corrosive;
UN: 1824; 10N;
 For Kjeldahl nitrogen determinations.
 A volumetric Standard Solution, titrated at 25°C to pH 8.6
 (phenolphthalein endpoint) against NIST™ Potassium Acid Phthalate.



Sodium Hydroxide, 10.0N (10.0M) Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC245002

Liquid; Caustic Soda; NaOH; **FW**: 40; CAS [7732-18-5, 1310-73-2];
Density: 1.33g/mL; **DOT Class 8**: Corrosive; **UN**: 1824;
 Clear, colorless solution; 10.0N ± 0.2N; Soluble in water

Sodium Hydroxide, 10N BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
4L	Poly Bottle	02004126
4L	Cubitainer	02004125

NaOH; **FW**: 40; CAS [1310-73-2]; Material will freeze if stored below
 41°F (5°C); 10N Volumetric Solution

Sodium Hydroxide, 10.0N



Quantity	Packaging	Cat. No.
1L	Poly Natural Bottle	747032
4L	Poly Natural Bottle	74701
20L	Cubitainer™	74705

Colorless Liquid; CAS [1310-73-2; 7732-18-5]; pH: >13;
Melting Point: -0°C; **Boiling Point**: 100°C;
Vapor Pressure: 13 mmHg @ 60°C; **Density**: 1.33; **UN**: 1824

Sodium Hydroxide, 20% Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC240904

Liquid; 20.0% w/v ± 0.5% w/v; Caustic Soda; NaOH; **FW**: 40;
 CAS [7732-18-5, 1310-73-2]; **Density**: 1.18g/mL; **DOT Class 8**: Corrosive;
UN: 1824; Clear, colorless solution; Soluble in water

Sodium Hydroxide, 30%



Quantity	Packaging	Cat. No.
1L	Poly Natural Bottle	727432
4L	Poly Natural Bottle	72741
20L	Cubitainer™	72745

CAS [7732-18-5, 1310-73-2]; 30% (w/v); Aqueous Solution

Sodium Hydroxide Solution, 40%



Quantity	Packaging	Cat. No.
4L	Poly Bottle	SS411-4
10L	PolyPac™	SS411-10

Caustic Soda Solution; CAS [1310-73-2, 7732-18-5];
Melting Point: 5° to 10.6°C (41° to 51.1°F);
Boiling Point: 141.7°C; **Density**: >1.0;
DOT Class 8: Corrosive; **UN**: 1824; 40% (w/w);
 Soluble in water; For Kjeldahl nitrogen determinations.



Sodium Hydroxide Solution, 40%



Quantity	Packaging	Cat. No.
4L	Poly Natural Bottle	72801
20L	Cubitainer™	72805

Suitable for Kjeldahl Nitrogen Analysis; 40% (w/v), Nitrogen Free;
 Aqueous Solution

Sodium Hydroxide Solution, 50% Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SS254-500
1L	Poly Bottle	SS254-1
4L	Poly Bottle	SS254-4
20L	Poly Pail	SS254-20
200L	Poly Drum	SS254-200

Caustic Soda Solution; CAS [1310-73-2, 7732-18-5];
Melting Point: 5° to 10.6°C (41° to 51.1°F);
Boiling Point: 141.7°C; **Density:** >1.0;
DOT Class 8: Corrosive; **UN:** 1824; 50% (w/w);
 Soluble in water



Sodium Hydroxide Solution, 50%



Quantity	Packaging	Cat. No.
4L	Poly Bottle	SS410-4
20L	Poly Pail	SS410-20

Caustic Soda Solution; CAS [1310-73-2, 7732-18-5];
Melting Point: 5° to 10.6°C (41° to 51.1°F);
Boiling Point: 141.7°C; **Density:** >1.0;
DOT Class 8: Corrosive; **UN:** 1824; 50% (w/w);
 Soluble in water; For Kjeldahl nitrogen determinations.
 Suitable for AOAC.



Sodium Hydroxide, 50% Extra Pure



Quantity	Packaging	Cat. No.
2.5L	Plastic Drum	AC25986-0025

Caustic soda solution; HNaO; NaOH; **FW:** 40.00; CAS [1310-73-2, 7732-18-5]; **Melting Point:** 12°C; **Boiling Point:** 145.0°C;
Density: 1.5000g/mL; **UN:** 1824

Sodium Hydroxide Solution, 50% BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
4L	Poly Bottle	02004143
19L	Jerrican (Poly Pail)	02004142

50%(w/w); NaOH; **FW:** 40; CAS [1310-73-2]

Sodium Hydroxide, 50% Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC241404

Liquid; 50% w/v ± 1%; Caustic Soda; NaOH; **FW:** 40;
 CAS [7732-18-5, 1310-73-2]; **DOT Class 8:** Corrosive; **UN:** 1824;
 Clear, colorless solution; Soluble in water

Sodium Hydroxide, 50% Certified Reagent Grade



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC241504

Liquid; 50.0% w/w ± 1.0%; Caustic Soda; NaOH; **FW:** 40;
 CAS [7732-18-5, 1310-73-2]; **Melting Point:** 12°C; **Boiling Point:** 143°C;
Density: 1525kg/m³; **DOT Class 8:** Corrosive; **UN:** 1824;
 Clear, colorless solution; Soluble in water

Sodium Hypochlorite Solution Laboratory Grade



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS290-1
4L	Poly Bottle	SS290-4

NaOCl; **FW:** 74.44; CAS [7681-52-9, 7732-18-5];
Melting Point: 0°C (32°F); **Density:** 1.1g/mL;
DOT Class 8: Corrosive; **UN:** 1791; 5.65-6%



Sodium Hypochlorite Solution BAKER ANALYZED™ Reagent



Quantity	Packaging	Cat. No.
4L	Pressure Bottom Poly Bottle	02003947

5% Available Chlorine; NaOCl; **FW:** 74.44; CAS [7681-52-9]

Sodium Lactate



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	S326-500

Syrup; Lactic Acid Sodium Salt; C₃H₅NaO₃; CH₃CH(OH)COONa;
FW: 112.06; CAS [72-17-3, 7732-18-5]; **Melting Point:** 17.22°C;
Boiling Point: 140.00°C; **Density:** 1.3g/mL; Syrup, 60% (w/w)



Sodium Methoxide Pure



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	AC41960-0025

Sodium methylate; CH₃NaO; CH₃ONa; **FW:** 54.02;
 CAS [124-41-4, 67-56-1]; **Melting Point:** -98.0°C; **Flash Point:** 11°C;
Boiling Point: 65.0°C; **Density:** 0.8000g/mL; **UN:** 1992;
 Solubility in water: reacts.

Sodium Silicate Solution Technical Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SS338-1
4L	Glass Bottle	SS338-4

Soda Water Glass,, Soluble Glass; CAS [1344-09-8 (40%), 7732-18-5 (60%)]; **Melting Point:** -0.56°C; **Density:** 0.7g/mL;
DOT Class 8: Corrosive; **UN:** 3266; Soluble in water



Sodium Thiosulfate, 0.01N (0.01M) Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC250002

Liquid; Na₂S₂O₃·5H₂O; **FW:** 248.18;
 CAS [7732-18-5, 10102-17-7, 497-19-8]; Clear, colorless solution;
 0.0100N ± 0.0001N; Soluble in water

Sodium Thiosulfate, 0.1N (0.1M) Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC250602
4L	Poly Bottle	LC250604

Liquid; Na₂S₂O₃·5H₂O; **FW:** 248.18;
 CAS [7732-18-5, 10102-17-7, 497-19-8]; Clear, colorless solution;
 0.1000N ± 0.0005N; Soluble in water

Sodium Thiosulfate Pentahydrate, 0.025N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS370-1

CAS [10102-17-7, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; 0.0248 to 0.0252N; 0.025N (N/40); 7 min. (at 25°C); Solubility in water: Soluble; Standardized at 25°C against NIST™ potassium dichromate.



Sodium Thiosulfate Pentahydrate, 0.0375N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS371-1

CAS [10102-17-7, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; 0.037 to 0.038N; 0.0375N; Solubility in water: Soluble Standardized at 25°C against NIST™ potassium dichromate.



Sodium Thiosulfate Pentahydrate, 0.1N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS368-1
4L	Poly Bottle	SS368-4
20L	PolyPac™	SS368-20

CAS [10102-17-7, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; 0.0995 to 0.1005N; 0.1N (N/10); 7 min. (at 25°C); Solubility in water: Soluble Standardized at 25°C against NIST™ potassium dichromate.



Starch Indicator Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC253102
4L	Poly Bottle	LC253104

Liquid; 1%; CAS [7732-18-5, 9005-25-8, 69-72-7]; **Density:** 1g/mL; Slightly opaque colorless to pink solution; Preserved with Salicylic Acid (Mercury Free); Soluble in water

Starch Solution



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SS408-1
4L	Poly Bottle	SS408-4

(C₆H₁₀O₅)_n; CAS [9005-25-8, 64-19-7, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; Stabilized; For iodometry.



Sulfuric Acid Solution, 0.02N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SA226-1
4L	Poly Bottle	SA226-4
20L	PolyPac™	SA226-20

CAS [7664-93-9, 7732-18-5, 50-00-0]; **DOT Class 8:** Corrosive; **UN:** 2796; 0.0198 to 0.0202N; 0.02N (N/50); Soluble in water; Standardized to pH 4.4 at 25°C against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.



Sulfuric Acid, 0.02N (0.01M) Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC256602
4L	Poly Bottle	LC256604

Liquid; H₂SO₄; **FW:** 98.08; CAS [7732-18-5, 7664-93-9]; **Density:** 1g/mL; Clear, colorless solution; 0.0200N ± 0.0002N; Soluble in water;

Sulfuric Acid Solution, 0.1N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SA220-1
4L	Poly Bottle	SA220-4
20L	PolyPac™	SA220-20

CAS [7664-93-9, 7732-18-5]; **Density:** >1.0; **DOT Class 8:** Corrosive; **UN:** 2796; 0.0995 to 0.1005N; 0.1N (N/10); Soluble in water; Standardized to pH 4.4 at 25°C against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.



Sulfuric Acid, 0.1N (0.05M) Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC256802
4L	Poly Bottle	LC256804

Liquid; H₂SO₄; **FW:** 98.08; CAS [7732-18-5, 7664-93-9]; **Density:** 1g/mL; Clear, colorless solution; 0.1000N ± 0.0005N; Soluble in water

Sulfuric Acid Solution, 0.2N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SA218-1

CAS [7664-93-9, 7732-18-5]; **Density:** >1.0; **DOT Class 8:** Corrosive; **UN:** 2796; 0.1990 to 0.2010N; 0.2N (N/5); Soluble in water; Standardized to pH 4.4 at 25°C against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.



Sulfuric Acid, 0.255N



Quantity	Packaging	Cat. No.
20L	Cubitainer™	82725

H₂SO₄; CAS [7664-93-9 (Sulfuric Acid), 7732-18-5 (Water, Deionized)]; **Application:** Suitable for Crude Fiber Analysis of Food and Feed

Sulfuric Acid Solution, 0.5N Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SA215-1
4L	Poly Bottle	SA215-4

CAS [7664-93-9, 7732-18-5]; **Density:** >1.0; **DOT Class 8:** Corrosive; **UN:** 2796; 0.498 to 0.500N; 0.5N (N/2); Soluble in water; Standardized to pH 4.4 at 25°C against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.



Sulfuric Acid Solution, 1N

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	SA212-1
4L	Poly Bottle	SA212-4
20L	PolyPac™	SA212-20

CAS [7664-93-9, 7732-18-5]; **Density:** >1.0; **DOT Class 8:** Corrosive; **UN:** 2796; 0.995 to 1.005N; 1N; Soluble in water; Standardized to pH 4.4 at 25°C against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.

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Sulfuric Acid Standard Solution, 1N (0.5M)



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	AC12424-0010

H₂O₂; H₂SO₄; **FW:** 98.08; CAS [7664-93-9, 7732-18-5]; **Boiling Point:** 100.0°C; **UN:** 2796; Clear colorless solution; 0.998 to 1.002 N (20°C) Solubility in water: miscible. Other solubilities: miscible with alcohol (generation of heat)

Sulfuric Acid, 1.0N (0.5M)

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC257701
1L	Poly Bottle	LC257702
4L	Poly Bottle	LC257704

Liquid; H₂SO₄; **FW:** 98.08; CAS [7732-18-5, 7664-93-9]; **Density:** 1.03g/mL; **DOT Class 8:** Corrosive; **UN:** 2796; Clear, colorless solution; 1.000N ± 0.005N; Soluble in water

Sulfuric Acid, 2.0N (1.0M)

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC257902

Liquid; H₂SO₄; **FW:** 98.08; CAS [7732-18-5, 7664-93-9]; **Density:** 1.06g/mL; **DOT Class 8:** Corrosive; **UN:** 2796; Clear, colorless solution; 2.00N ± 0.02N; Soluble in water

Sulfuric Acid, 2N



Quantity	Packaging	Cat. No.
1L	Poly Natural Bottle	831032

Clear colorless liquid; CAS [7732-18-5, 7664-93-9]; **Melting Point:** 0°C; **Boiling Point:** Approx. 100°C; 2.00N; **Solubility:** Infinite

Sulfuric Acid Solution, 2.5N

Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SA208-1

Oil of Vitriol; CAS [7664-93-9, 7732-18-5]; **Density:** 1.0g/mL; **DOT Class 8:** Corrosive; **UN:** 2796 2.5N; Soluble in water; Standardized to pH 4.4 at 25°C against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.

ACID

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Sulfuric Acid Solution, 4N



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	SA818-500
1L	Poly Bottle	SA818-1
4L	Poly Bottle	SA818-4
20L	PolyPac™	SA818-20

H₂SO₄; CAS [7664-93-9, 7732-18-5]; **Melting Point:** 10°C; **Boiling Point:** 290° to 338°C (554° to 640.4°F); **Density:** 3.38 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 2796; 4N; Soluble in water; Standardized to pH 4.4 at 25°C against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.

ACID

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Sulfuric Acid Solution, 10N

Certified Standard



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SA200-1

Oil of Vitriol; H₂SO₄; CAS [7664-93-9, 7732-18-5]; **Melting Point:** 11°C; **Boiling Point:** 105° to 325°C; **Density:** 1.1g/mL; **DOT Class 8:** Corrosive; **UN:** 2796; 9.95 to 10.05N; 10N Standardized to pH 4.4 at 25°C against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.

ACID

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Sulfuric Acid Solution, 37N

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	SA196-500

Oil of Vitriol; H₂SO₄; CAS [7664-93-9]; **Melting Point:** 10°C; **Boiling Point:** 290° to 338°C (554° to 640.4°F); **Density:** 3.38 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 1830; 36.50 to 37.15N; 37N; Soluble in water; Standardized to pH 4.4 at 25°C against sodium hydroxide that has been standardized against NIST™ potassium acid phthalate.

ACID

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Storage Code
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Sulfuric Acid, (1+9)

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC255802
2.5L	Clear Glass Bottle	LC255803

Liquid; 10.0% v/v ± 0.5%; H₂SO₄; **FW:** 98.08; CAS [7732-18-5, 7664-93-9]; **Density:** 1.11g/mL; **DOT Class 8:** Corrosive; **UN:** 2796; Clear, colorless solution; Soluble in water

Sulfuric Acid, 14%

Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC256002

Liquid; 14% v/v ± 1%; H₂SO₄; **FW:** 98.08; CAS [7732-18-5, 7664-93-9]; **Density:** 1.15g/mL; **DOT Class 8:** Corrosive; **UN:** 2796; Clear, colorless solution; For Phosphorus; Soluble in water

Sulfuric Acid, 20%

Reagent Grade



Quantity	Packaging	Cat. No.
4L	Poly Natural Bottle	81651

Liquid; CAS [7732-18-5, 7664-93-9]; 20% (v/v); Aqueous Solution

Sulfuric Acid, (1+4) Certified Standard



Quantity	Packaging	Cat. No.
4L	Poly Bottle	LC256074

Liquid; 20.0% v/v ± 0.5%; H₂SO₄; **FW**: 98.08; CAS [7732-18-5, 7664-93-9]; **Density**: 1.21g/mL; **DOT Class 8**: Corrosive; **UN**: 2796; Clear, colorless solution; Soluble in water

Sulfuric Acid, (1+1) Certified Standard



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	LC256402
2.5L	Clear Glass Bottle	LC256403

Liquid; 50% v/v ± 1%; H₂SO₄; **FW**: 98.08; CAS [7664-93-9, 7732-18-5]; **Density**: 1.49g/mL; **DOT Class 8**: Corrosive; **UN**: 1830; Clear, colorless solution; Soluble in water

Sulfuric Acid, 95% ACS Reagent



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	AC42452-5000
2.5L	Glass Bottle	AC42452-0025

H₂O₂; H₂SO₄; **FW**: 98.07; CAS [7664-93-9]; **Melting Point**: 10.0°C; **Boiling Point**: 290.0°C; **Density**: 1.8300g/mL; **UN**: 1830
Solubility in water: miscible. Other solubilities: miscible with alcohol (generation of heat)

Sulfuric Acid, 96% Extra Pure



Quantity	Packaging	Cat. No.
1L	Glass Bottle	AC13361-0010
2.5L	Plastic Drum	AC13361-0025

96%; H₂O₂; H₂SO₄; **FW**: 98.07; CAS [7664-93-9]; **Melting Point**: 10.0°C; **Boiling Point**: 290.0°C; **Density**: 1.8300g/mL; **UN**: 1830
Solubility in water: miscible. Other solubilities: miscible with alcohol (generation of heat)

Sulfuric Acid, 96%



Quantity	Packaging	Cat. No.
10L	Plastic Drum	AC12464-0100

H₂O₂; H₂SO₄; **FW**: 98.07; CAS [7664-93-9]; **Melting Point**: 10.0°C; **Boiling Point**: 290.0°C; **Density**: 1.8300g/mL
Solubility in water: miscible. Other solubilities: miscible with alcohol (generation of heat)

TCLP Extraction Fluid 1



Quantity	Packaging	Cat. No.
20L	Cubitaier™	83775

For use in EPA 1311 Toxicity Characteristic Leaching Procedure; **pH**: 4.9 ± 0.05 at 25°C

TCLP Extraction Fluid 2



Quantity	Packaging	Cat. No.
20L	Cubitaier™	83785

CAS [7732-18-5, 64-19-7]; EPA 1311 Toxicity Characteristic Leaching Procedure; **pH**: 2.88±0.05 at 25°C

Tetrabutylammonium Hydroxide Solution Certified Standard



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	04575-100

(CH₃CH₂CH₂CH₂)₄NOH; CAS [2052-49-5, 7732-18-5]; **Melting Point**: 0°C (32°F); **DOT Class 8**: Corrosive; **UN**: 1719; 0.38 to 0.42M; 0.4M

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Tetrabutylammonium Hydroxide



Quantity	Packaging	Cat. No.
100mL	Plastic Bottle	AC21291-1000
800mL	Plastic Bottle	AC21291-8000
2.5L	Plastic Bottle	AC21291-0025

C₁₆H₃₇NO; CAS [CH₃(CH₂)₃]₄NOH; **FW**: 259.46; CAS [2052-49-5, 67-56-1]; **Melting Point**: -98.0°C; **Flash Point**: 12°C; **Boiling Point**: 65.0°C; **Density**: 0.9100g/mL; **UN**: 3286

TISAB II Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC261302
4L	Poly Bottle	LC261304

Liquid; CH₃COOH; **FW**: 60.05; CAS [7732-18-5, 7647-14-5, 64-19-7, 1310-73-2, 125572-95-4]; Clear, colorless solution; For Fluoride; **pH** 5.3 to 5.5; Soluble in water;

Titration Solvent ASTM



Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle	86201

ASTM D 664, D 974, and D 3242 for Neutralization Number

Titration Solvent



Quantity	Packaging	Cat. No.
4L	Glass Bottle	ST93-4

2-Propanol: 48.5 to 50.5%; Toluene: 49.0 to 51.0%; Water: 0.3 to 0.7%; CAS [108-88-3, 67-63-0]; **Flash Point**: 22°C; **Density**: 0.82g/mL; **DOT Class 3**: Flammable Liquid; **UN**: 1993; Isopropanol:Toluene 1:1. Meets ASTM D 664, D 974.

 ChemAlert®
Storage Code
RED

Trichloroacetic Acid Solution



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SA254-500

20 to 21%; CCl₃COOH; CAS [76-03-9, 7732-18-5]; **Melting Point**: 54° to 58°C; **Boiling Point**: 196°C; **Density**: 1.62g/mL; **DOT Class 8**: Corrosive; **UN**: 2564

 ChemAlert®
Storage Code
WHITE

Vanadate-Molybdate Reagent Certified Standard



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC266002

Liquid; (NH₄)₆Mo₇O₂₄·4H₂O; **FW**: 1235.86; CAS [7732-18-5, 7647-01-0, 12054-85-2, 7803-55-6]; **DOT Class 8**: Corrosive; **UN**: 1789; Clear yellow-green solution; For Phosphorus; Soluble in water

Zinc Acetate Solution, 2N

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC271001

Liquid; $Zn(C_2H_3O_2)_2 \cdot 2H_2O$; **FW.** 219.49; CAS [7732-18-5, 5970-45-6];
Density: 1.1g/mL; Clear, colorless solution; 2.0N \pm 0.1N; For Sulfide;
 Soluble in water

Zobell's Solution

Certified Standard



Quantity	Packaging	Cat. No.
500mL	Amber Poly Bottle	LC273101

Liquid; $K_3Fe(CN)_6$; **FW.** 329.26; CAS [7732-18-5, 7447-40-7, 14459-95-1, 13746-66-2]; **Density:** 1g/mL; Clear, yellow solution;
 220mV \pm 10mV; ORP Standard, 220mV; Soluble in water

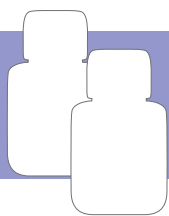
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Aluminum, Reference Standard Solution

Certified



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SA442-100
500mL	Poly Bottle	SA442-500

CAS [7784-13-6, 7647-01-0, 7732-18-5]; **DOT Class 8:** Corrosive; **UN:** 3264; 990 to 1010ppm (by wet Method); 1000ppm ±1%; **Traceability to NIST™:** Lot Number Used Aluminum ref. Std.; For atomic absorption. (1mL = 1mg Al) Solute: Aluminum Chloride Hexahydrate Solvent: Dilute Hydrochloric Acid.

ChemAlert®
Storage Code
WHITE

Ammonium Thiocyanate

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA35580K2

Liquid; NH₄SCN; **FW:** 76.12; **Density:** 1g/cm³ at 20°C; Colorless; Solubility in water: Fully miscible

Boron, Reference Standard Solution

Certified



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SB155-100
500mL	Poly Bottle	SB155-500

CAS [10043-35-3, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; 990 to 1010ppm; 1000ppm ±1%; For atomic absorption. (1mL = 1mg B) Solute: Boric Acid Solvent: Distilled Water.

ChemAlert®
Storage Code
GRAY

Calcium, Reference Standard Solution

Certified



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SC191-100
500mL	Poly Bottle	SC191-500

CAS [471-34-1, 7697-37-2, 7732-18-5]; **DOT Class 8:** Corrosive; **UN:** 3264; 990 to 1010ppm; 1000ppm ±1%; **Traceability to NIST™:** Lot Number Used Calcium Ref. Std.; For atomic absorption. (1mL = 1mg Ca) Solute: Calcium Carbonate Solvent: Dilute Nitric Acid.

ChemAlert®
Storage Code
WHITE

Calcium Chloride Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	178016
1L	Poly Bottle	178032

CAS [7732-18-5, 7647-01-0, 471-34-1]; 1mL= 1 mg CaCO₃

Copper, Reference Standard Solution

Certified



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SC194-100
500mL	Poly Bottle	SC194-500

CAS [19004-19-4, 7697-37-2, 7732-18-5]; **DOT Class 8:** Corrosive; **UN:** 3264; 990 to 1010ppm; 1000ppm ±1%; **Traceability to NIST™:** 3114; Copper Ref. Std. For atomic absorption. (1mL = 1mg Cu) Solute: Copper Nitrate Solvent: Dilute Nitric Acid.

ChemAlert®
Storage Code
WHITE

Cyanide Standard



Quantity	Packaging	Cat. No.
500mL	Amber Poly Bottle	254316
120mL	Amber Poly Bottle	25434

Clear colorless liquid; CAS [151-50-8 (Potassium Cyanide), 1310-73-2 (Sodium Hydroxide), 7732-18-5 (Water, Deionized)]; 1000ppm CN; 1 mL = 1 mg CN; Alkaline

Fluoride Standard



Quantity	Packaging	Cat. No.
4L	Poly Natural Bottle	31631
1L	Poly Natural Bottle	316332

Clear, Red Liquid; CAS [7732-18-5, 1310-73-2, 64-19-7, 7647-14-5, 13291-61-7, 25956-17-6]; 2ppm F; 1 mL = 0.002 mg F

Fluoride Standard



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	317116
1L	Poly Natural Bottle	317132

Clear colorless liquid; CAS [7681-49-4 (Sodium Fluoride), CAS [7732-18-5]; (Water, Deionized)]; 100ppm F; 1mL = 0.1mg F

Gadolinium

Afa Aesar

Quantity	Packaging	Cat. No.
500mL	----	AA13829AP

Clear colorless liquid; Gd₂O₃ in 5% HNO₃; CAS [7697-37-2, 12064-62-9, 7732-18-5]; **UN:** 3264; Clear; Solubility in water: Fully miscible; **Vapor Pressure:** 23 hPa (17mm Hg) at 20°C

Gold, Reference Standard Solution

Certified



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	SG91-100

CAS [16961-25-4, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; 990 to 1010ppm; **Traceability to NIST™:** Lot Number Used Gold Reference Std.; For atomic absorption. (1mL = 1mg Au) Solute: Gold Chloride Solvent: Distilled Water.

ChemAlert®
Storage Code
GRAY

Hydrochloric Acid , 0.01N Standardized Solution

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA35648K2

Clear colorless liquid; HCl; **FW:** 36.46; CAS [7647-01-0, 7732-18-5]; Colorless; Solubility in water: Fully miscible; **Vapor Pressure:** 23 hPa (17mm Hg) at 20°C

Hydrochloric Acid , 0.1N Standardized Solution

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA35644K2
4L	----	AA35644K7
20L	----	AA35644M4

Clear colorless liquid; HCl; **FW:** 36.46; CAS [7647-01-0, 7732-18-5]; Colorless; Solubility in water: Fully miscible; **Vapor Pressure:** 23 hPa (17mm Hg) at 20°C

Hydrochloric Acid, 1.0N Standardized Solution

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA35640K2

Colorless to Pale Yellow Liquid; HCl; **FW.** 36.46; CAS [7647-01-0, 7732-18-5]; Solubility in water: Fully miscible; **Vapor Pressure:** 23 hPa; (17mm Hg) at 20°C

Hydrochloric Acid, 6.0N Standardized Solution

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA44921K2

Colorless to Pale Yellow Liquid; HCl; **FW.** 36.46; CAS [7647-01-0, 7732-18-5]; **UN:** 1789; Solubility in water: Fully miscible; **Vapor Pressure:** 23 hPa (17mm Hg) at 20°C

Iodine, 0.01N Standardized Solution

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA35636K2
4L	----	AA35636K7

Red-Brown Liquid; I₂; **FW.** 253.81; CAS [7553-56-2, 7681-11-0, 7732-18-5]; Solubility in water: Fully miscible; **Vapor Pressure:** 23 hPa (17mm Hg) at 20°C

Iron, Reference Standard Solution Certified



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SI124-100
500mL	Poly Bottle	SI124-500

CAS [7782-61-8, 7697-37-2, 7732-18-5]; **Melting Point:** >0°C; **Density:** 1g/mL; **DOT Class 8:** Corrosive; **UN:** 3264; 990 to 1010 ppm; 1000ppm ±1%; Soluble in water; **Traceability to NIST™:** LOT 3126a Iron reference std. For atomic absorption. (1mL = 1mg Fe) Solute: Ferric Nitrate Solvent: Dilute Nitric Acid.



Manganese, Reference Standard Solution Certified



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SM81-100
500mL	Poly Bottle	SM81-500

CAS [17141-63-8, 7697-37-2, 7732-18-5]; **DOT Class 8:** Corrosive; **UN:** 3264; 990 to 1010ppm; 1000ppm ± 1%; **Traceability to NIST™:** Lot Number Used Manganese ref. Std. For atomic absorption. (1mL = 1mg Mn) Solute: Manganese Nitrate Hexahydrate Solvent: Dilute Nitric Acid.



Nickel, Reference Standard Solution Certified



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SN70-100
500mL	Poly Bottle	SN70-500

CAS [13478-00-7, 7697-37-2, 7732-18-5]; **DOT Class 8:** Corrosive; **UN:** 3264; 990 to 1010ppm; 1000ppm ±1%; **Traceability to NIST™:** Lot Number Used Nickel Ref. Standard; For atomic absorption. (1mL = 1mg Ni) Solute: Nickel Nitrate Solvent: Dilute Nitric Acid.



Potassium, Reference Standard Solution Certified



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SP351-100
500mL	Poly Bottle	SP351-500

CAS [7447-40-7, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; 990 to 1010ppm; 1000ppm ±1%; **Traceability to NIST™:** Lot Number Used Potassium Ref. Std.; For atomic absorption. (1mL = 1mg K) Solute: Potassium Chloride Solvent: Distilled H₂O.



Potassium Bromate/Potassium Bromide

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA35593K2

Liquid; KBrO₃/KBr; Colorless; Solubility in water: Fully miscible

Lead, Reference Standard Solution Certified



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SL21-100
500mL	Poly Bottle	SL21-500

CAS [10099-74-8, 7697-37-2, 7732-18-5]; **DOT Class 8:** Corrosive; **UN:** 3264; 990 to 1010ppm; 1000ppm ±1%; **Traceability to NIST™:** Lot Number Used Lead ref. Standard; For atomic absorption. (1mL = 1mg Pb) Solute: Lead Metal Solvent: Dilute Nitric Acid.



Selenium, Reference Standard Solution Certified



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SS464-100
500mL	Poly Bottle	SS464-500

CAS [7783-00-8, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; 990 to 1010ppm; 1000ppm ±1%; **Identification:** Pass Test; For atomic absorption. (1mL = 1mg Se) Solute: Selenium Dioxide Solvent: Distilled Water.



Magnesium, Reference Standard Solution Certified



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SM51-100
500mL	Poly Bottle	SM51-500

CAS [13446-18-9, 7697-37-2, 7732-18-5]; **Melting Point:** <0°C; **DOT Class 8:** Corrosive; **UN:** 3264; 990 to 1010ppm; 1000ppm ±1%; **Traceability to NIST™:** Lot Number Used Magnesium ref. Std. For atomic absorption. (1mL = 1mg Mg) Solute: Magnesium Metal Solvent: Dilute Nitric Acid.



Sodium Hydroxide, 0.1N Standardized Solution

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA35625K2
4L	----	AA35625K7

Liquid; NaOH; **FW.** 40.00; CAS [1310-73-2]; **Boiling Point:** 100°C; **Density:** 1.1g/cm³ at 20°C; Solubility in water: Fully miscible; **Vapor Pressure:** 23 hPa (17mm Hg) at 20°C

Sodium, Reference Standard Solution Certified



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SS139-100
500mL	Poly Bottle	SS139-500

NaCl; CAS [7647-14-5, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; 990 to 1010ppm; 1000ppm ±1%; **Traceability to NIST™:** Lot Number Used Sodium Ref. Std.; For atomic absorption. (1mL = 1mg Na) Solute: Sodium Chloride Solvent: Distilled Water.



Zinc, Reference Standard Solution Certified



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	SZ13-100
500mL	Poly Bottle	SZ13-500

CAS [7697-37-2, 1314-13-2, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** 1.1g/mL; **DOT Class 8:** Corrosive; **UN:** 2031; 990 to 1010ppm; 1000ppm ±1%; **Traceability to NIST™:** Lot Number Used Zinc Ref. Standard; For atomic absorption. (1mL = 1mg Zn) Solute: Zinc Oxide Solvent: Dilute Nitric Acid.



Sulfate Standard



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	811216

Clear colorless liquid; CAS [7757-82-6 (Sodium Sulfate), 7732-18-5 (Water, Deionized)]; 1000ppm; 1mL = 1mg SO₄²⁻

Sulfuric Acid, 0.02N Standardized Solution

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA35649K7

Liquid; H₂SO₄; **FW:** 98.08

Sulfuric Acid, 0.1N Standardized Solution

Afa Aesar

Quantity	Packaging	Cat. No.
4L	----	AA35651K7

Liquid; H₂SO₄; **FW:** 98.08; CAS [7664-93-9, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1g/cm³ at 20°C; Clear; Solubility in water: Fully miscible; **Vapor Pressure:** 23 hPa (17mm Hg) at 20°C

Sulfuric Acid, 0.5N Standardized Solution

Afa Aesar

Quantity	Packaging	Cat. No.
20L	----	AA35653M4

Liquid; H₂SO₄; **FW:** 98.08; CAS [7664-93-9, 7732-18-5]; **UN:** 3264; Colorless to pale yellow; Solubility in water: Fully miscible; **Vapor Pressure:** 23 hPa (17mm Hg) at 20°C

Sulfuric Acid, 1.0N Standardized Solution

Afa Aesar

Quantity	Packaging	Cat. No.
1L	----	AA35655K2

Liquid; H₂SO₄; **FW:** 98.08

Thiocyanate Standard Solution Certified



Quantity	Packaging	Cat. No.
1L	Poly Bottle	ST18-1

Potassium Thiocyanate Solutions; CAS [333-20-0, 64-02-8, 7732-18-5]; **Density:** 1g/mL; 0.0995 to 0.1005N; 0.1N (N/10); **Identification:** Pass Test; Standardized against silver nitrate at 25°C.



AA/ICP-AES Standards

Aluminum Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLAL1-2X

CAS [7429-90-5, 7647-01-0, 7732-18-5]; Hazardous; **Recommended Storage:** Ambient; 2% HCl; NIST™-Traceable Certified Reference Material

Aluminum Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLAL22M
125mL	Triple-leached LDPE Bottle	PLAL2-2Y
250mL	Triple-leached LDPE Bottle	PLAL2-2T
500mL	Triple-leached LDPE Bottle	PLAL2-2X

CAS [7429-90-5, 7732-18-5, 7697-37-2]; Nonhazardous; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Aluminum Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLAL2-3Y
500mL	Triple-leached LDPE Bottle	PLAL2-3X

CAS [7429-90-5, 7732-18-5, 7697-37-2]; Hazardous; **Recommended Storage:** Ambient; 5% HNO₃; NIST™-Traceable Certified Reference Material

Antimony Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLSB7-2M

CAS [7697-37-2, 87-69-4, 7440-36-0, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; H₂O/0.6% Tart. Acid/Tr. HNO₃; NIST™-Traceable Certified Reference Material

Arsenic Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLAS22M
125mL	Triple-leached LDPE Bottle	PLAS2-2Y
500mL	Triple-leached LDPE Bottle	PLAS2-2X

CAS [7440-38-2, 7697-37-2, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Arsenic Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLAS2-3X

CAS [7440-38-2, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Calcium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLCA1-2X

CAS [7440-70-2, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 2% HCl;
 NIST™-Traceable Certified Reference Material

Barium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLBA2-2M
125mL	Triple-leached LDPE Bottle	PLBA2-2Y
500mL	Triple-leached LDPE Bottle	PLBA2-2X

CAS [7647-01-0, 7732-18-5, 513-77-9] CAS [7697-37-2, 7440-39-3, 7732-18-5]; Hazardous; **Recommended Storage:** Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Calcium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLCA2-2M
125mL	Triple-leached LDPE Bottle	PLCA2-2Y
500mL	Triple-leached LDPE Bottle	PLCA2-2X

CAS [7440-70-2, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Barium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLBA2-3Y
500mL	Triple-leached LDPE Bottle	PLBA2-3X

CAS [7697-37-2, 7440-39-3, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃; NIST™-Traceable Certified Reference Material

Calcium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLCA2-3Y
500mL	Triple-leached LDPE Bottle	PLCA2-3X

CAS [7440-70-2, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Beryllium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLBE2-2M
125mL	Triple-leached LDPE Bottle	PLBE2-2Y

CAS [7440-41-7, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Calcium Carbonate Standard Certified Standard



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC127001

Liquid; CaCO₃; **FW.** 100.09 CAS [7732-18-5, 7647-01-0, 471-34-1];
Density: 1g/mL; Clear, colorless solution; 1.000 ± 0.010mg CaCO₃/mL;
 (1mL = 1mg CaCO₃ = 0.4mg Ca), for Hardness; Soluble in water

Bismuth Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLB14-2M

CAS [7440-69-9, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Carbon Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLC9-2M

CAS [7440-44-0, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; H₂O;
 NIST™-Traceable Certified Reference Material

Boron Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLB9-2M
500mL	Triple-leached LDPE Bottle	PLB9-2X
125mL	Triple-leached LDPE Bottle	PLB9-2Y

CAS [7440-42-8, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; H₂O;
 NIST™-Traceable Certified Reference Material

Cerium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLCE2-2M

CAS [7440-45-1, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Cadmium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLCD2-2M
125mL	Triple-leached LDPE Bottle	PLCD2-2Y
500mL	Triple-leached LDPE Bottle	PLCD2-2X

CAS [7440-43-9, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Cesium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLCS22M

CAS [7789-18-6, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Cesium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLCS2-3Y
500mL	Triple-leached LDPE Bottle	PLCS2-3X

CAS [7789-18-6, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Chromium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLCR22M

CAS [7789-09-5, 7732-18-5, 7789-09-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Cobalt Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLCO22M
125mL	Triple-leached LDPE Bottle	PLCO2-2Y
500mL	Triple-leached LDPE Bottle	PLCO2-2X

CAS [7697-37-2, 7440-48-4, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Cobalt Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLCO2-3X

CAS [7697-37-2, 7440-48-4, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Copper Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLCU1-2X

CAS [7440-50-8, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 2% HCl;
 NIST™-Traceable Certified Reference Material

Copper Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLCU2-2M
125mL	Triple-leached LDPE Bottle	PLCU2-2Y
250mL	Triple-leached LDPE Bottle	PLCU2-2T
500mL	Triple-leached LDPE Bottle	PLCU2-2X

CAS [7440-50-8, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Copper Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLCU2-3Y
500mL	Triple-leached LDPE Bottle	PLCU2-3X

CAS [7440-50-8, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Cyanide Standard Certified



Quantity	Packaging	Cat. No.
125mL	Poly Bottle	LC135457

Liquid; KCN; **FW.** 65.12; CAS [7732-18-5, 151-50-8, 1310-73-2];
Density: 1g/mL; **Recommended Storage:** Room Temperature;
 Clear, colorless solution; 1000ppm ± 10ppm;
 1000ppm (1mL = 1mg CN⁻); Soluble in water; **Identification:** Pass Test;
Traceability to NIST™: Traceable to NIST™

Dysprosium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLDY2-2M

CAS [7429-91-6, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Erbium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLER2-2M

CAS [12061-16-4, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Europium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLEU2-2M

CAS [1308-96-9, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Fluoride Standard Certified



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC146002

Liquid; NaF; **FW.** 41.99; CAS [7732-18-5, 7681-49-4];
Recommended Storage: Room Temperature; Clear, colorless
 solution; 1000ppm ± 10ppm; 1000ppm (1mL = 1mg F⁻); Soluble in water;
Identification: Pass Test; **Traceability to NIST™:** Traceable to NIST™

Gadolinium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLGD22M

CAS [7440-54-2, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Gallium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLGA2-2M

CAS [7440-55-3, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Germanium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLGE9-2M
CAS [7440-56-4, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; H ₂ O; NIST™-Traceable Certified Reference Material		

Gold Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLAU32M
CAS [7440-57-5, 7647-01-0, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 10% HCl; NIST™-Traceable Certified Reference Material		

Hafnium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLHF12M
CAS [7440-58-6, 7647-01-0, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HCl; NIST™-Traceable Certified Reference Material		

Holmium Standard Plasma Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLHO2-2M
CAS [12055-62-8, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Indium Standard Plasma Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLIN2-2M
CAS [7440-74-6, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Iridium Standard Plasma Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLIR3-2M
CAS [7439-88-5, 7647-01-0, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 10% HCl; NIST™-Traceable Certified Reference Material		

Iron Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLFE1-2X
CAS [7439-89-6, 7647-01-0, 7732-18-5]; Hazardous; Recommended Storage: Ambient; 2% HCl; NIST™-Traceable Certified Reference Material		

Iron Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLFE2-2M
125mL	Triple-leached LDPE Bottle	PLFE2-2Y
250mL	Triple-leached LDPE Bottle	PLFE2-2T
500mL	Triple-leached LDPE Bottle	PLFE2-2X
CAS [7439-89-6, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Iron Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLFE2-3Y
500mL	Triple-leached LDPE Bottle	PLFE2-3X
CAS [7439-89-6, 7697-37-2, 7732-18-5]; Hazardous; Recommended Storage: Ambient; 5% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Lanthanum Standard Plasma Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLLA2-2M
CAS [7439-91-0, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Lead Standard Plasma Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLPB2-2M
125mL	Triple-leached LDPE Bottle	PLPB2-2Y
250mL	Poly Bottle	PLPB2-2T
500mL	Triple-leached LDPE Bottle	PLPB2-2X
CAS [7439-92-1, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Lead Standard Plasma Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLPB2-3Y
500mL	Triple-leached LDPE Bottle	PLPB2-3X
Hazardous; Recommended Storage: Ambient; 5% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Lithium 6 Isotope Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	ISOTLI6M
Fluid; CAS [7697-37-2, 7439-93-2, 7732-18-5]; Boiling Point: 100°C (212°F); Density: 1.01001g/cm ³ (8.429 lb./gal); Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; Vapor Pressure: 23hPa (17mmHg); NIST™-Traceable Certified Reference Material		

Lithium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLLI2-2M
CAS [7439-93-2, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Lutetium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLLU2-2M

CAS [7439-94-3, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Magnesium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLMG1-2X

CAS [7439-95-4, 7647-01-0, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 2% HCl;
 NIST™-Traceable Certified Reference Material

Magnesium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLMG2-2M

CAS [7697-37-2, 7439-95-4, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Manganese Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLMN2-2M
125mL	Triple-leached LDPE Bottle	PLMN2-2Y
250mL	Poly Bottle	PLMN2-2T
500mL	Triple-leached LDPE Bottle	PLMN2-2X

CAS [7439-96-5, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Manganese Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLMN2-3Y
500mL	Triple-leached LDPE Bottle	PLMN2-3X

CAS [7439-96-5, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Mercury Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLHG4-2M
125mL	Triple-leached LDPE Bottle	PLHG4-2Y
500mL	Triple-leached LDPE Bottle	PLHG4-2X

CAS [7439-97-6, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 10% HNO₃;
 NIST™-Traceable Certified Reference Material

Mercury Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLHG2-1AY

CAS [7439-97-6, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Molybdenum Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLM09-3Y

CAS [7439-98-7, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; H₂O;
 NIST™-Traceable Certified Reference Material

Molybdenum Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLM09-2M
125mL	Triple-leached LDPE Bottle	PLM09-2Y
500mL	Triple-leached LDPE Bottle	PLM09-2X

CAS [7439-98-7, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; H₂O;
 NIST™-Traceable Certified Reference Material

Neodymium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLND2-2M

CAS [7440-00-8, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Nickel Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLNI2-2M
125mL	Triple-leached LDPE Bottle	PLNI2-2Y
500mL	Triple-leached LDPE Bottle	PLNI2-2X

CAS [7440-02-0, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Nickel Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLNI2-3X

CAS [7440-02-0, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Niobium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLNB9-2M

CAS [7440-03-1, 7732-18-5, 7664-39-3]; Nonhazardous;
Recommended Storage: Ambient; H₂O;
 NIST™-Traceable Certified Reference Material

Palladium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLPD3-2M

CAS [7440-05-3, 7647-01-0, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 10% HCl;
 NIST™-Traceable Certified Reference Material

Phosphorus Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLP9-3Y
500mL	Triple-leached LDPE Bottle	PLP9-3X

CAS [7722-76-1, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; H₂O;
 NIST™-Traceable Certified Reference Material

Phosphorus Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLP9-2M
125mL	Triple-leached LDPE Bottle	PLP9-2Y
500mL	Triple-leached LDPE Bottle	PLP9-2X

CAS [7722-76-1, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; H₂O;
 NIST™-Traceable Certified Reference Material

Plasma Emission Standards Kit 1



Quantity	Packaging	Cat. No.
38 components × 125mL each	Triple-leached LDPE Bottle	ICP-KIT-1

Hazardous; **Recommended Storage:** Ambient;
 NIST™-Traceable Certified Reference Material

Platinum Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLPT3-2M
125mL	Triple-leached LDPE Bottle	PLPT3-2Y
500mL	Triple-leached LDPE Bottle	PLPT3-2X

CAS [7440-06-4, 7647-01-0, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 10% HCl;
 NIST™-Traceable Certified Reference Material

Potassium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLK1-2X

CAS [7447-40-7, 7647-01-0, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 2% HCl;
 NIST™-Traceable Certified Reference Material

Potassium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLK2-2M
125mL	Triple-leached LDPE Bottle	PLK2-2Y
500mL	Triple-leached LDPE Bottle	PLK2-2X

CAS [7447-40-7, 7647-01-0, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Potassium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLK2-3Y
500mL	Triple-leached LDPE Bottle	PLK2-3X

CAS [7447-40-7, 7647-01-0, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Praseodymium Standard Plasma Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLPR2-2M

CAS [7440-10-0, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Rhenium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLR9-2M

CAS [7440-15-5, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; H₂O;
 NIST™-Traceable Certified Reference Material

Rhodium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLRH3-2M
125mL	Triple-leached LDPE Bottle	PLRH3-2Y

CAS [7440-16-6, 7647-01-0, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 10% HCl;
 NIST™-Traceable Certified Reference Material

Rubidium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLRB2-2M

CAS [7440-17-7, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HCl;
 NIST™-Traceable Certified Reference Material

Ruthenium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLRU3-2M

CAS [7440-18-8, 7647-01-0, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 10% HCl;
 NIST™-Traceable Certified Reference Material

Samarium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLSM2-2M

CAS [7440-19-9, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Scandium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLSC2-2M
125mL	Triple-leached LDPE Bottle	PLSC2-2Y
500mL	Triple-leached LDPE Bottle	PLSC2-2X

CAS [12060-08-1, 7697-37-2, 7732-18-5];
 Nonhazardous; **Recommended Storage:** Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Scandium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLSC2-3Y
500mL	Triple-leached LDPE Bottle	PLSC2-3X

CAS [12060-08-1, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Selenium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLSE2-2M
125mL	Triple-leached LDPE Bottle	PLSE2-2Y
500mL	Triple-leached LDPE Bottle	PLSE2-2X

CAS [7782-49-2, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Silicon Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLS19-2M

CAS [16919-19-0, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; H₂O;
 NIST™-Traceable Certified Reference Material

Silver Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLAG2-3X

CAS [7440-22-4, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Silver Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLAG22M
125mL	Triple-leached LDPE Bottle	PLAG2-2Y

CAS [7440-22-4, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Sodium AA Standard Certified



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC228101

Liquid; NaCl; FW: 58.44; CAS [7732-18-5, 7647-14-5];
Recommended Storage: Room Temperature; Clear, colorless solution;
 1000ppm ± 5ppm; 1000ppm (1mL = 1mg Na); Soluble in water;
Identification: Pass Test; **Traceability to NIST™:** Traceable to NIST™

Sodium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLNA2-3Y
500mL	Triple-leached LDPE Bottle	PLNA2-3X

CAS [7440-23-5, 7732-18-5, 7697-37-2]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Sodium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLNA1-2X

CAS [7440-23-5, 7647-01-0, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 2% HCl;
 NIST™-Traceable Certified Reference Material

Sodium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLNA22M
125mL	Triple-leached LDPE Bottle	PLNA2-2Y
500mL	Triple-leached LDPE Bottle	PLNA2-2X

CAS [7440-23-5, 7732-18-5, 7697-37-2]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Strontium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLSR1-2X

CAS [7440-24-6, 7647-01-0, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 2% HCl;
 NIST™-Traceable Certified Reference Material

Strontium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLSR2-3Y
500mL	Triple-leached LDPE Bottle	PLSR2-3X

CAS [7440-24-6, 7732-18-5, 7697-37-2]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Strontium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLSR2-2M
125mL	Triple-leached LDPE Bottle	PLSR2-2Y
500mL	Triple-leached LDPE Bottle	PLSR2-2X

CAS [7440-24-6, 7732-18-5, 7697-37-2]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Sulfur Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLS9-3Y
500mL	Triple-leached LDPE Bottle	PLS9-3X

CAS [7783-20-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; H₂O;
 NIST™-Traceable Certified Reference Material

Sulfur Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLS9-2M
125mL	Triple-leached LDPE Bottle	PLS9-2Y
500mL	Triple-leached LDPE Bottle	PLS9-2X

CAS [7783-20-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; H₂O;
 NIST™-Traceable Certified Reference Material

Tantalum Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLTA9-2M
CAS [7664-39-3, 7440-25-7, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; H ₂ O/0.8% HF; NIST™-Traceable Certified Reference Material		

Tin Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLSN2-3X
CAS [7697-37-2, 7664-39-3, 7440-31-5, 7732-18-5]; Hazardous; Recommended Storage: Ambient; 2% HNO ₃ /2% HF; NIST™-Traceable Certified Reference Material		

Tellurium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLTE2-2M
CAS [13494-80-9, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 5% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Tin Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLSN5-3Y
CAS [7647-01-0, 7440-31-5, 7732-18-5]; Hazardous; Recommended Storage: Ambient; 10000mg/L in 20% HCL NIST™-Traceable Certified Reference Material		

Terbium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLTB2-2M
CAS [7440-27-9, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Tin Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLSN2-2X
CAS [7697-37-2, 7664-39-3, 7732-18-5, 7440-31-5]; Hazardous; Recommended Storage: Ambient; 1% HNO ₃ /1% HF; NIST™-Traceable Certified Reference Material		

Thallium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLTL2-2M
125mL	Triple-leached LDPE Bottle	PLTL2-2Y
CAS [7440-28-0, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Titanium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLTI5-2X
CAS [7647-01-0, 7440-32-6, 7732-18-5]; Hazardous; Recommended Storage: Ambient; 20% HCl; NIST™-Traceable Certified Reference Material		

Thorium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLTH2-2M
CAS [7440-29-1, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Titanium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLTI9-2M
125mL	Triple-leached LDPE Bottle	PLTI9-2Y
500mL	Triple-leached LDPE Bottle	PLTI9-2X
CAS [16962-40-6, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; H ₂ O; NIST™-Traceable Certified Reference Material		

Thulium Standard Plasma Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLTM2-2M
CAS [7440-30-4, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Tungsten Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLW9-2M
125mL	Triple-leached LDPE Bottle	PLW9-2Y
CAS [7440-33-7, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; H ₂ O; NIST™-Traceable Certified Reference Material		

Tin Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLSN5-2M
125mL	Triple-leached LDPE Bottle	PLSN5-2Y
250mL	PTFE Bottle	PLSN5-2T
500mL	Triple-leached LDPE Bottle	PLSN5-2X
CAS [7440-31-5, 7647-01-0, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 20% HCl; NIST™-Traceable Certified Reference Material		

Uranium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLU2-2M
CAS [7697-37-2, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Vanadium Standard Plasma Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLV2-2M
125mL	Triple-leached LDPE Bottle	PLV2-2Y
500mL	Triple-leached LDPE Bottle	PLV2-2X

CAS [7803-55-6, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Vanadium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLV3-3X

CAS [7647-01-0, 7440-62-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 15% HCl;
 NIST™-Traceable Certified Reference Material

Ytterbium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLYB2-2M

CAS [7440-64-4, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Yttrium Standard Plasma Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLY2-2M
125mL	Triple-leached LDPE Bottle	PLY2-2Y
500mL	Triple-leached LDPE Bottle	PLY2-2X

CAS [7440-65-5, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Yttrium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLY2-3Y
500mL	Triple-leached LDPE Bottle	PLY2-3X

CAS [1314-36-9, 7732-18-5, 7697-37-2]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Zinc Standard Assurance® Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLZN2-3Y
500mL	Triple-leached LDPE Bottle	PLZN2-3X

CAS [7697-37-2, 7440-66-6, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 5% HNO₃;
 NIST™-Traceable Certified Reference Material

Zinc Standard Assurance® Grade



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	PLZN1-2X

CAS [7647-01-0, 7440-66-6, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 2% HCl;
 NIST™-Traceable Certified Reference Material

Zinc Standard Plasma Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLZN2-2M
125mL	Triple-leached LDPE Bottle	PLZN2-2Y
250mL	Poly Bottle	PLZN2-2T
500mL	Triple-leached LDPE Bottle	PLZN2-2X

CAS [7440-66-6, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Zirconium Standard Assurance® Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	PLZR2-2M

CAS [13826-66-9, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Color Standards

Brown Reference Solution



Quantity	Packaging	Cat. No.
120mL	Amber Glass Bottle	288064

Brownish or Greenish Yellow Liquid; CAS [10025-77-1, 7647-01-0, 7732-18-5, 7758-99-8, 7791-13-1]; **Melting Point:** Approximately 0°C; **Boiling Point:** Approximately 100°C

Brownish-Yellow Standard Solution, BY2



Quantity	Packaging	Cat. No.
120mL	Amber Glass Bottle	28724

Brownish or Greenish Yellow or Brown Liquid;
 CAS [10025-77-1, 7647-01-0, 7732-18-5, 7758-99-8, 7791-13-1];
Melting Point: Approximately 0°C; **Boiling Point:** Approximately 100°C

Brownish-Yellow Standard Solution, BY3



Quantity	Packaging	Cat. No.
120mL	Amber Glass Bottle	28734

Brownish or Greenish Yellow or Brown Liquid;
 CAS [10025-77-1, 7647-01-0, 7732-18-5, 7758-99-8, 7791-13-1];
Melting Point: Approximately 0°C; **Boiling Point:** Approximately 100°C

Brownish-Yellow Standard Solution, BY4



Quantity	Packaging	Cat. No.
120mL	Amber Glass Bottle	28744

Brownish or Greenish Yellow or Brown Liquid;
 CAS [10025-77-1, 7647-01-0, 7732-18-5, 7758-99-8, 7791-13-1];
Melting Point: Approximately 0°C; **Boiling Point:** Approximately 100°C

Brownish-Yellow Reference, BY5



Quantity	Packaging	Cat. No.
120mL	Amber Glass Bottle	28754

Brownish or Greenish Yellow or Brown Liquid;
 CAS [10025-77-1, 7647-01-0, 7732-18-5, 7758-99-8, 7791-13-1];
Melting Point: Approximately 0°C; **Boiling Point:** Approximately 100°C

Brownish-Yellow Reference Solution, BY6



Quantity	Packaging	Cat. No.
120mL	Amber Glass Bottle	28764

Brownish or Greenish Yellow Liquid; CAS [10025-77-1, 7647-01-0, 7732-18-5, 7758-99-8, 7791-13-1]; **Melting Point:** Approximately 0°C; **Boiling Point:** Approximately 100°C

Brownish-Yellow Reference Solution, BY7



Quantity	Packaging	Cat. No.
120mL	Amber Glass Bottle	28774

Brownish or Greenish Yellow Liquid; CAS [10025-77-1, 7647-01-0, 7732-18-5, 7758-99-8, 7791-13-1]; **Melting Point:** Approximately 0°C; **Boiling Point:** Approximately 100°C

Color Standard Y5 EP



Quantity	Packaging	Cat. No.
120mL	Amber Glass Bottle	288354

Yellow standard solution; CAS [10025-77-1, 7647-01-0, 7732-18-5, 7758-99-8, 7791-13-1]; **Melting Point:** 0°C (32°F); **Boiling Point:** 100°C

Reference Solution B9 EP



Quantity	Packaging	Cat. No.
120mL	Amber Glass Bottle	288094

Brown reference solution; CAS [10025-77-1, 7647-01-0, 7732-18-5, 7758-99-8, 7791-13-1]; **Melting Point:** 0°C (32°F); **Boiling Point:** 100°C

Reference Solution Y4 EP



Quantity	Packaging	Cat. No.
120mL	Amber Glass Bottle	288344

Yellow standard solution; CAS [10025-77-1, 7647-01-0, 7732-18-5, 7758-99-8, 7791-13-1]; **Melting Point:** 0°C (32°F); **Boiling Point:** 100°C

Yellow Standard Solution



Quantity	Packaging	Cat. No.
120mL	Amber Glass Bottle	288334

Clear, Yellow to Red Liquid; CAS [10025-77-1, 7647-01-0, 7732-18-5, 7791-13-1]; **Melting Point:** Approximately 0°C; **Boiling Point:** Approximately 100°C

Conductivity/TDS Standards

Conductivity Standard, 10µS/cm



Quantity	Packaging	Cat. No.
6 × 20mL	Pack	2236100P
500mL	Poly Natural Bottle	223616
1L	Poly Natural Bottle	223632
4L	Poly Bottle	2236-1

Clear colorless liquid; CAS [7732-18-5, 7647-14-5]; 10µS/cm (10µmho/cm) at 25°C

Conductivity Standard, 84µmho/cm Certified



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC187501

Liquid; KCl; **FW.** 74.55; CAS [7732-18-5, 7447-40-7]; **Density:** 1g/mL; **Recommended Storage:** Room Temperature; clear, colorless solution; Soluble in water; **Identification:** Pass Test; **Traceability to NIST™:** Traceable to NIST™

Conductivity/TDS Standard, 100µS/cm



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	223716
1L	Poly Natural Bottle	223732
4L	Poly Natural Bottle	22371

Clear colorless liquid; CAS [7732-18-5, 7647-14-5]; 100µS/cm (100µmho/cm) at 25°C

Conductivity Standard, 200mS/cm



Quantity	Packaging	Cat. No.
1L	Poly Natural Bottle	22492032

Clear colorless liquid; CAS [7732-18-5, 7647-14-5]; 200 mS/cm (200,000 µmho/cm) at 25°C; **pH:** 6.7 to 7.3; Solubility: Infinite.

Conductivity Standard, 447µmho/cm Certified



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC187551

Liquid; KCl; **FW.** 74.55; CAS [7732-18-5, 7447-40-7]; **Density:** 1g/mL; **Recommended Storage:** Room Temperature; Clear, colorless solution; Soluble in water; **Identification:** Pass Test; **Traceability to NIST™:** Traceable to NIST™

Conductivity Standard, 500µmho/cm Certified



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC187602

Liquid; KCl; **FW.** 74.55; CAS [7732-18-5, 7447-40-7]; **Density:** 1g/mL; **Recommended Storage:** Room Temperature; Clear, colorless solution; Soluble in water; **Identification:** Pass Test; **Traceability to NIST™:** Traceable to NIST™

Conductivity/TDS Standard, 500µS/cm



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	224116
1L	Poly Natural Bottle	224132
4L	Poly Natural Bottle	22411

Clear colorless liquid; 500µS/cm (500µmho/cm) at 25°C

Conductivity Standard, 1000µmho/cm Certified



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC187712

Liquid; KCl; **FW.** 74.55; CAS [7732-18-5, 7447-40-7]; **Density:** 1g/mL; **Recommended Storage:** Room Temperature; Clear, colorless solution; Soluble in water; **Identification:** Pass Test; **Traceability to NIST™:** Traceable to NIST™

Conductivity Standard, 1409µmho/cm

Certified



Quantity	Packaging	Cat. No.
1L	Poly Bottle	LC187802

Liquid; KCl; **FW**: 74.55; CAS [7732-18-5, 7447-40-7]; **Density**: 1g/mL; **Recommended Storage**: Room Temperature; Clear, colorless solution; Soluble in water; **Identification**: Pass Test; **Traceability to NIST™**: Traceable to NIST™

Conductivity Standard, 1500µmho/cm

Certified



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	LC187861

Liquid; KCl; **FW**: 74.55; CAS [7732-18-5, 7447-40-7]; **Density**: 1g/mL; **Recommended Storage**: Room Temperature; Clear, colorless solution; Soluble in water; **Identification**: Pass Test; **Traceability to NIST™**: Traceable to NIST™

Potassium Chloride, 500µS/cm



Quantity	Packaging	Cat. No.
1L	Poly Natural Bottle	5887532

Clear colorless liquid; CAS [7732-18-5, 7447-40-7]; **Boiling Point**: Approx. 100°C; Conductivity Standard

Potassium Chloride Conductivity Standard, 5mS/cm



Quantity	Packaging	Cat. No.
1L	Poly Natural Bottle	58884332

Clear colorless liquid; CAS [7732-18-5, 7447-40-7]; 5mS/cm (5000µmho/cm) at 25°C

Potassium Chloride, 50,000µS/cm



Quantity	Packaging	Cat. No.
1L	Poly Natural Bottle	588932

Clear colorless liquid; CAS [7447-40-7, 7732-18-5]; **Melting Point**: Approximately 0°C; **Boiling Point**: Approximately 100°C

Potassium Chloride Reference Solution C



Quantity	Packaging	Cat. No.
500mL	Poly Natural Bottle	589516
1L	Poly Natural Bottle	589532
10L	Cubitainer™	589525

Clear colorless liquid; CAS [7732-18-5, 7447-40-7]; 1408.8µS/cm (1408.8µmho/cm) at 25°C

Contract Laboratory Program (CLP) Standards

ICP Spike Sample 1



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	SPIKE-1
500mL	Triple-leached LDPE Bottle	SPIKE-1-500

Hazardous; **Recommended Storage**: Ambient; 5% HNO₃/tr Tart. Acid/tr HF; NIST™-Traceable Certified Reference Material

Instrument Calibration Standard 1



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	ICAL-1

CAS [7697-37-2]; Hazardous; **Recommended Storage**: Ambient; 5% HNO₃; NIST™-Traceable Certified Reference Material

Interferents A1



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	INT-A1

Hazardous; **Recommended Storage**: Ambient; 5% HNO₃; NIST™-Traceable Certified Reference Material

Mercury Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	PLHG2-1Y

CAS [7439-97-6, 7697-37-2, 7732-18-5]; Hazardous; **Recommended Storage**: Ambient; 5% HNO₃; NIST™-Traceable Certified Reference Material

ICP/ICP-MS Standards

Aluminum Standard

Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLAL2-2M

CAS [7429-90-5, 7697-37-2, 7732-18-5]; Nonhazardous; **Recommended Storage**: Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Antimony Standard

Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLSB7-2M

Nonhazardous; **Recommended Storage**: Ambient; H₂O/0.6% Tart. Acid/tr. HNO₃; NIST™-Traceable Certified Reference Material

Arsenic Standard

Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLAS2-2M
125mL	Triple-leached LDPE Bottle	CLAS2-2Y

CAS [7440-38-2, 7697-37-2, 7732-18-5]; Nonhazardous; **Recommended Storage**: Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Arsenic III Speciation Standard

Assurance® Grade for ICP-MS



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	SPECAS-3M

CAS [As(III), 7647-01-0, 7732-18-5]; Nonhazardous; **Recommended Storage**: Ambient; 2% HCl; NIST™-Traceable Certified Reference Material

Arsenic V Speciation Standard

Assurance® Grade for ICP-MS



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	SPECAS-5M

CAS [As(V), 7732-18-5]; Nonhazardous; **Recommended Storage**: Ambient; H₂O; NIST™-Traceable Certified Reference Material

Barium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLBA2-2M
125mL	Triple-leached LDPE Bottle	CLBA2-2Y

CAS [7440-39-3, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Carbon Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLC9-1BY

Fluid; CAS [7440-44-0, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; H₂O;
 NIST™-Traceable Certified Reference Material

Beryllium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLBE2-2M

CAS [7440-41-7, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Cerium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLCE2-1BY

Fluid; CAS [7440-45-1, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Bismuth Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLBI2-1AM

CAS [7440-69-9, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Cesium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLCS2-1BY

CAS [7440-46-2]; Hazardous; **Recommended Storage:** Ambient;
 2% HNO₃; NIST™-Traceable Certified Reference Material

Bismuth Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLBI2-1BY

Fluid; CAS [7440-69-9, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Chromium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLCR2-2M
125mL	Triple-leached LDPE Bottle	CLCR2-2Y

CAS [7440-47-3, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Boron Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLB9-1BY

Fluid; CAS [7440-42-8, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; H₂O;
 NIST™-Traceable Certified Reference Material

Chromium III Speciation Standard Assurance® Grade for ICP-MS



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	SPEC-CR-3M

CAS [Cr+3, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Cadmium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLCD2-2M
125mL	Triple-leached LDPE Bottle	CLCD2-2Y

CAS [7440-43-9, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Chromium VI Speciation Standard Assurance® Grade for ICP-MS



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	SPEC-CR6M

CAS [Cr+6, 7732-18-5]; Nonhazardous; **Recommended Storage:**
 Ambient; H₂O; NIST™-Traceable Certified Reference Material

Calcium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLCA2-2M
125mL	Triple-leached LDPE Bottle	CLCA2-2Y

CAS [7440-70-2, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Cobalt Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLCO2-2M

CAS [7440-48-4, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Copper Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLCU2-2M
125mL	Triple-leached LDPE Bottle	CLCU2-2Y

CAS [7440-50-8, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Dysprosium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLDY2-1BY

Fluid; CAS [7429-91-6, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Erbium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLER2-1BY

Fluid; CAS [7440-52-0, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Gadolinium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLGD2-1BY

CAS [7440-54-2]; Hazardous; **Recommended Storage:** Ambient;
 2% HNO₃; NIST™-Traceable Certified Reference Material

Gallium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLGA2-1BY

CAS [7440-55-3]; Hazardous; **Recommended Storage:** Ambient;
 2% HNO₃; NIST™-Traceable Certified Reference Material

Germanium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLGE9-1AM

Nonhazardous; **Recommended Storage:** Ambient; H₂O/Tr. F-;
 NIST™-Traceable Certified Reference Material

Germanium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLGE9-1BY

CAS [7440-56-4]; Hazardous; **Recommended Storage:** Ambient;
 H₂O; NIST™-Traceable Certified Reference Material

Gold Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLAU1-1M
125mL	Triple-leached LDPE Bottle	CLAU1-1Y

CAS [7440-57-5, 7647-01-0, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HCl;
 NIST™-Traceable Certified Reference Material

Gold Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLAU1-1BY

Fluid; CAS [7440-57-5, 7647-01-0, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 1% HNO₃/3% HCl;
 NIST™-Traceable Certified Reference Material

Hafnium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLHF1-1BY

Fluid; CAS [7440-58-6, 7647-01-0, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 1mg/L; ICP/MS; 2% HCl

Holmium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLHO2-1BY

CAS [7440-60-0]; Hazardous; **Recommended Storage:** Ambient; 1mg/L;
 2% HNO₃

Indium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLIN2-1AM

CAS [7440-74-6, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Indium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLIN2-1BY

CAS [7440-74-6]; Hazardous; **Recommended Storage:** Ambient;
 2% HNO₃; NIST™-Traceable Certified Reference Material

Instrument Calibration Standard 1 Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CL-CAL-1

Hazardous; **Recommended Storage:** Ambient; 5% HNO₃/tr Tart. Acid;
 NIST™-Traceable Certified Reference Material; 20 µg/mL each:
 Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium,
 Chromium, Cobalt, Copper, Lead, Manganese, Molybdenum, Nickel,
 Selenium, Silver, Thallium, Thorium, Uranium, Vanadium, Zinc

Instrument Calibration Standard 2 Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CL-CAL-2

Hazardous; **Recommended Storage:** Ambient; 5% HNO₃/tr Tart.
 Acid/tr HF; NIST™-Traceable Certified Reference Material;
 100µg/mL each: Aluminum, Antimony, Arsenic, Barium, Beryllium,
 Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead,
 Magnesium, Manganese, Molybdenum, Nickel, Potassium, Selenium,
 Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc

Instrument Check Standard 1 Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CL-ICS-1

Hazardous; **Recommended Storage:** Ambient;
 2% HNO₃/tr Tart. Acid/tr HF; NIST™-Traceable Certified Reference
 Material; 10µg/mL each: Aluminum, Antimony, Arsenic, Barium, Beryllium,
 Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel,
 Selenium, Silver, Thallium, Vanadium, Zinc

Instrument Check Standard 3 Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CL-ICS-3

Hazardous; **Recommended Storage:** Ambient; 2% HNO₃;
NIST™-Traceable Certified Reference Material; 200µg/mL each:
Calcium, Iron, Magnesium, Potassium, Sodium

Internal Standard 1 Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLISS-1

Hazardous; **Recommended Storage:** Ambient; 2% HNO₃;
NIST™-Traceable Certified Reference Material; 10µg/mL each:
Bismuth, Holmium, Indium, Lithium 6, Scandium, Terbium, Yttrium

Iridium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLIR1-1BY

CAS [7439-88-5]; Hazardous; **Recommended Storage:** Ambient;
2% HCl; NIST™-Traceable Certified Reference Material

Iron Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLFE2-2M
125mL	Triple-leached LDPE Bottle	CLFE2-2Y

CAS [7439-89-6, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
NIST™-Traceable Certified Reference Material

Lanthanum Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLLA2-1BY

CAS [7439-91-0]; Hazardous; **Recommended Storage:** Ambient;
2% HNO₃; NIST™-Traceable Certified Reference Material

Lead Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLPB2-2M
125mL	Triple-leached LDPE Bottle	CLPB2-2Y

CAS [7439-92-1, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
NIST™-Traceable Certified Reference Material

Lead Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLPB2-1BY

Fluid; CAS [7439-92-1, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; A2% HNO₃;
NIST™-Traceable Certified Reference Material

Magnesium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLMG2-2M

CAS [7439-95-4, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
NIST™-Traceable Certified Reference Material

Manganese Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLMN2-2M
125mL	Triple-leached LDPE Bottle	CLMN2-2Y

CAS [7439-96-5, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
NIST™-Traceable Certified Reference Material

Molybdenum Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLM09-2M
125mL	Triple-leached LDPE Bottle	CLM09-2Y

CAS [7439-98-7, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; H₂O;
NIST™-Traceable Certified Reference Material

Molybdenum Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLM09-1BY

Fluid; CAS [7439-98-7, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; H₂O;
NIST™-Traceable Certified Reference Material

Multi-Element Solution 1 Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLMS-1

Hazardous; **Recommended Storage:** Ambient; 5% HNO₃;
NIST™-Traceable Certified Reference Material;
10µg/mL each: Cerium, Dysprosium, Erbium, Europium, Gadolinium,
Holmium, Lanthanum, Lutetium, Neodymium, Praseodymium,
Samarium, Scandium, Terbium, Thorium, Thulium, Ytterbium, Yttrium

Multi-Element Solution 2 Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLMS-2

CAS [Various]; Hazardous; **Recommended Storage:** Ambient;
5% HNO₃; NIST™-Traceable Certified Reference Material; 10µg/mL
each: Aluminum, Arsenic, Barium, Beryllium, Bismuth, Cadmium,
Calcium, Cesium, Chromium, Cobalt, Copper, Gallium, Indium, Iron,
Lead, Lithium, Magnesium, Manganese, Nickel, Potassium, Rubidium,
Selenium, Silver, Sodium, Strontium, Thallium, Uranium, Vanadium,
Zinc

Multi-Element Solution 2, w/o Mercury Trace ICP/ICP-MS Grade Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLMS-2N

CAS [Various]; Hazardous; **Recommended Storage:** Ambient;
5% HNO₃; NIST™-Traceable Certified Reference Material; 10µg/mL
each: Aluminum, Arsenic, Barium, Beryllium, Bismuth, Cadmium,
Calcium, Cesium, Chromium, Cobalt, Copper, Gallium, Indium, Iron,
Lead, Lithium, Magnesium, Manganese, Nickel, Potassium, Rubidium,
Selenium, Silver, Sodium, Strontium, Thallium, Uranium, Vanadium,
Zinc

Multi-Element Solution 2A Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLMS-2A

CAS [Various]; Hazardous; **Recommended Storage:** 5% HNO₃; NIST™-Traceable Certified Reference Material; 10µg/mL each: Aluminum, Arsenic, Barium, Beryllium, Cadmium, Calcium, Cesium, Chromium, Cobalt, Copper, Gallium, Iron, Lead, Lithium, Magnesium, Manganese, Nickel, Potassium, Rubidium, Selenium, Silver, Sodium, Strontium, Thallium, Uranium, Vanadium, Zinc

Multi-Element Solution 2A, w/o Mercury Trace ICP/ICP-MS Grade Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLMS-2AN

CAS [Various]; Hazardous; **Recommended Storage:** Ambient; 5% HNO₃; NIST™-Traceable Certified Reference Material; 10µg/mL each: Aluminum, Arsenic, Barium, Beryllium, Cadmium, Calcium, Cesium, Chromium, Cobalt, Copper, Gallium, Iron, Lead, Lithium, Magnesium, Manganese, Nickel, Potassium, Rubidium, Selenium, Silver, Sodium, Strontium, Thallium, Uranium, Vanadium, Zinc

Multi-Element Solution 3 Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLMS-3

Hazardous; **Recommended Storage:** Ambient; 10% HCl/1% HNO₃; NIST™-Traceable Certified Reference Material; 10µg/mL each: Antimony, Gold, Hafnium, Iridium, Palladium, Platinum, Rhodium, Ruthenium, Tellurium, Tin

Multi-Element Solution 4 Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLMS-4

Hazardous; **Recommended Storage:** Ambient; H₂O/Tr. HF/Tr. HNO₃; NIST™-Traceable Certified Reference Material; 10µg/mL each: Boron, Germanium, Molybdenum, Niobium, Phosphorus, Rhenium, Silicon, Sulfur, Tantalum, Titanium, Tungsten, Zirconium

Multi-Element Solutions Set Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
(7) each 125mL	Triple-leached LDPE Bottle	CLMS-SET

Hazardous; **Recommended Storage:** Ambient; Set of 7; NIST™-Traceable Certified Reference Material; Includes Cat. Nos.: CLBLK-H2O, CLBLK-HCL, CLBLK-HNO₃, CLMS-1, CLMS-2, CLMS-3, CLMS-4

Neodymium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLND2-1BY

CAS [7440-00-8]; Hazardous; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Nickel Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLNI2-2M

CAS [7440-02-0, 7697-37-2, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Nickel Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLNI2-1BY

CAS [7440-02-0]; Hazardous; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Niobium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLNB9-1BY

CAS [7440-3-1]; Hazardous; **Recommended Storage:** Ambient; H₂O/Tr. HF; NIST™-Traceable Certified Reference Material

Palladium Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLPD1-1BY

Fluid; CAS [7440-5-3, 7647-01-0, 7732-18-5]; Hazardous; **Recommended Storage:** Ambient; 1mg/L; 2% HCl

Phosphorus Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLP9-1BY

CAS [7723-14-0]; Hazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Platinum Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLPT1-1BY

Fluid; CAS [7440-17-7, 7697-37-2, 7732-18-5]; Hazardous; **Recommended Storage:** Ambient; 2% HCl; NIST™-Traceable Certified Reference Material

Potassium Standard

Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLK2-2M
125mL	Triple-leached LDPE Bottle	CLK2-2Y

CAS [2023695, 7697-37-2, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Praseodymium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLPR2-1BY

CAS [7440-10-0]; Hazardous; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Rhenium Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLRE9-1BY

CAS [7440-15-5]; Hazardous; **Recommended Storage:** Ambient; 1mg/L; H₂O

Rhodium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLRH1-1AM
125mL	Triple-leached LDPE Bottle	CLRH1-1AY

CAS [7440-16-6, 7647-01-0, 7732-18-5];
Recommended Storage: Ambient; 2% HCl;
 NIST™-Traceable Certified Reference Material

Rhodium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLRH1-1BY

CAS [7440-16-6]; Hazardous; **Recommended Storage:** Ambient; 1mg/L; 2% HCl

Rubidium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLRB2-1BY

Fluid; CAS [7440-17-7, 7697-37-2, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 1mg/L; 2% HNO₃

Ruthenium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLRU1-1BY

Fluid; CAS [7440-18-8, 7647-01-0, 7732-18-5]; Hazardous;
Recommended Storage: Ambient; 1mg/L; 2% HCl

Samarium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLSM2-1BY

CAS [7440-19-9]; Hazardous; **Recommended Storage:** Ambient;
 2% HNO₃; NIST™-Traceable Certified Reference Material

Scandium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLSC2-1AM

CAS [7440-20-2, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Scandium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLSC2-1BY

CAS [7440-20-2]; Hazardous; **Recommended Storage:** Ambient;
 1mg/L; 2% HNO₃

Selenium IV Speciation Standard Assurance® Grade for ICP-MS



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	SPECSE-4M

CAS [Se(IV), 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Selenium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLSE2-2M

CAS [7782-49-2, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Selenium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLSE2-1BY

CAS [7782-49-2]; Hazardous; **Recommended Storage:** Ambient;
 2% HNO₃; NIST™-Traceable Certified Reference Material

Silicon Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLS19-1BY

CAS [7440-21-3]; Hazardous; **Recommended Storage:** Ambient;
 H₂O/Tr. F-; NIST™-Traceable Certified Reference Material

Silver Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLAG2-2M

CAS [7440-22-4, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Silver Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLAG2-1BY

CAS [7440-22-4]; Hazardous; **Recommended Storage:** Ambient;
 2% HNO₃; NIST™-Traceable Certified Reference Material

Sodium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLNA2-2M
125mL	Triple-leached LDPE Bottle	CLNA2-2Y

CAS [7440-23-5, 7697-37-2, 7732-18-5]; Nonhazardous;
Recommended Storage: Ambient; 2% HNO₃;
 NIST™-Traceable Certified Reference Material

Sulfur Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLS9-1BY

CAS [7783-20-2]; Hazardous; **Recommended Storage:** Ambient;
 H₂O; NIST™-Traceable Certified Reference Material

Tantalum Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLTA9-1BY

CAS [7440-25-7]; Hazardous; **Recommended Storage:** Ambient;
 H₂O/Tr. HF; NIST™-Traceable Certified Reference Material

Terbium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLTB2-1AM
CAS [7440-27-9, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Terbium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLTB2-1BY
CAS [7440-27-9]; Hazardous; Recommended Storage: Ambient; 1mg/L; 2% HNO ₃		

Thallium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLTL2-2M
CAS [7440-28-0, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Thallium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLTL2-1BY
Fluid; CAS [7440-28-0, 7697-37-2, 7732-18-5]; Hazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Thorium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLTH2-2M
CAS [7440-29-1, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Thorium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLTH2-1BY
CAS [7440-29-1]; Hazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Thulium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLTM2-1BY
CAS (Various); Hazardous; Recommended Storage: Ambient; 2% HNO ₃		

Tin Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLSN2-2M
125mL	Triple-leached LDPE Bottle	CLSN2-2Y
Nonhazardous; Recommended Storage: Ambient; 1% HNO ₃ /1% HF; NIST™-Traceable Certified Reference Material		

Titanium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLTI9-2M
Nonhazardous; Recommended Storage: Ambient; H ₂ O/0.24% F-; NIST™-Traceable Certified Reference Material		

Titanium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLTI9-1BY
CAS [7440-32-6, 7732-18-5]; Hazardous; Recommended Storage: Ambient; H ₂ O w/tr. HF; NIST™-Traceable Certified Reference Material		

Tungsten Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLW2-1BY
CAS [7440-33-7]; Hazardous; Recommended Storage: Ambient; 2% HNO ₃ /tr HF; NIST™-Traceable Certified Reference Material		

Tungsten Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLW2-1BY
CAS [7440-33-7, 7732-18-5]; Hazardous; Recommended Storage: Ambient; H ₂ O; NIST™-Traceable Certified Reference Material		

Uranium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLU2-2M
CAS [7440-61-1, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Uranium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLU2-1BY
CAS [7440-61-1]; Hazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Vanadium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLV2-2M
CAS [7440-62-2, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Yttrium Standard Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLY2-1AM
CAS [7440-65-5, 7697-37-2, 7732-18-5]; Nonhazardous; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Yttrium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLY2-1BY

CAS [7440-65-5]; Hazardous; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Ytterbium Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLYB2-1BY

CAS [7440-64-4]; Hazardous; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Zinc Standard

Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
30mL	Triple-leached LDPE Bottle	CLZN2-2M
125mL	Triple-leached LDPE Bottle	CLZN2-2Y

CAS [7440-66-6, 7697-37-2, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Zirconium



Quantity	Packaging	Cat. No.
100mL	Poly Natural Bottle	MSZR1KN100

Clear colorless liquid; CAS [7732-18-5, 7697-37-2, 13826-66-9]; **Melting Point:** Approx. 0°C; **Boiling Point:** Approx. 100°C; 1,000ppm Zr; 1 mL = 1 mg Zr; Infinite

Claritas PPT® Standards

Aluminum Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLAL1-1BY

Liquid; CAS [7647-01-0, 7429-90-5, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.003g/cm³ at 20°C; Hazardous; **UN:** 1789; **Recommended Storage:** Ambient; 2% HCl; NIST™-Traceable Certified Reference Material

Aluminum Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLAL2-1BY

Liquid; CAS [7697-37-2, 7429-90-5, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.01006 g/cm³ at 20°C; Hazardous; **UN:** 3264; **Recommended Storage:** Ambient; ICP/MS; 2% HNO₃; NIST™-Traceable Certified Reference Material

Antimony Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLSB1-1BY

Liquid; CAS [7647-01-0, 7440-36-0, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.00751g/cm³ at 20°C; Hazardous; **UN:** 1789; **Recommended Storage:** Ambient; 5% HCl; NIST™-Traceable Certified Reference Material

Antimony Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLSB7-1BY

Liquid; CAS [7697-37-2, 87-69-4, 7440-36-0, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.00498g/cm³ at 20°C; 1mg/L; ICP/MS; H₂O/Tr. HNO₃/Tr. Tart

Arsenic Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLAS1-1BY

Liquid; CAS [7647-01-0, 7440-38-2, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.003g/cm³ at 20°C; Hazardous; **UN:** 1789; **Recommended Storage:** Ambient; ICP/MS; 2% HCl; NIST™-Traceable Certified Reference Material

Arsenic Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLAS2-1BY

Liquid; CAS [7697-37-2, 7440-38-2, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.01006g/cm³ at 20°C; Hazardous; **UN:** 3264; **Recommended Storage:** Ambient; ICP/MS; 2% HNO₃; NIST™-Traceable Certified Reference Material

Barium Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLBA1-1BY

Liquid; CAS [7647-01-0, 7440-39-3, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.003g/cm³ at 20°C; **UN:** 1789; 1mg/L; ICP/MS; 2% HCl

Barium Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLBA2-1BY

Liquid; CAS [7697-37-2, 7440-39-3, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.01006g/cm³ at 20°C; Hazardous; **UN:** 3264; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Cadmium Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLCD1-1BY

Liquid; CAS [7647-01-0, 7440-43-9, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.00301g/cm³ at 20°C; **UN:** 1789; 1mg/L; ICP/MS; 2% HCl

Cadmium Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLCD2-1BY

Liquid; CAS [7697-37-2, 7440-43-9, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.01007g/cm³ at 20°C; Hazardous; **UN:** 3264; **Recommended Storage:** Ambient; ICP/MS; 2% HNO₃; NIST™-Traceable Certified Reference Material

Calcium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLCA1-1BY

Liquid; CAS [7647-01-0, 7440-70-2, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.003g/cm³ at 20°C; Hazardous; **UN:** 1789; **Recommended Storage:** Ambient; ICP/MS; 2% HCl; NIST™-Traceable Certified Reference Material

Copper Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLCU1-1BY

Liquid; CAS [7647-01-0, 7440-50-8, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.00301g/cm³ at 20°C; Hazardous; **UN:** 1789; **Recommended Storage:** Ambient; 2% HCl; NIST™-Traceable Certified Reference Material

Calcium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLCA2-1BY

Liquid; CAS [7697-37-2, 7440-70-2, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.01006g/cm³ at 20°C; Hazardous; **UN:** 3264; **Recommended Storage:** Ambient; ICP/MS; 2% HNO₃; NIST™-Traceable Certified Reference Material

Copper Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLCU2-1BY

Liquid; CAS [7697-37-2, 7440-50-8, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.01007g/cm³ at 20°C; Hazardous; **UN:** 3264; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Chromium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLCR1-1BY

Liquid; CAS [7647-01-0, 7440-47-3, 7732-18-5]; **Boiling Point:** 100°C; Hazardous; **UN:** 1789; **Recommended Storage:** Ambient; 2% HCl; NIST™-Traceable Certified Reference Material

Iron Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLFE1-1BY

Liquid; CAS [7647-01-0, 7439-89-6, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.00301g/cm³ at 20°C; **UN:** 1789; 1mg/L; ICP/MS; 2% HCl

Chromium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLCR2-1BY

Liquid; CAS [7697-37-2, 7440-47-3, 7732-18-5]; **Boiling Point:** 100°C; Hazardous; **UN:** 3264; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Iron Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLFE2-1BY

Liquid; CAS [7697-37-2, 7439-89-6, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.01007g/cm³ at 20°C; Hazardous; **UN:** 3264; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Chromium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLCR9-1BY

Liquid; CAS [7440-47-3, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1g/cm³ at 20°C; Hazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Lithium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLLI1-1BY

Liquid; CAS [7647-01-0, 7439-93-2, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.003g/cm³ at 20°C; **UN:** 1789; 1mg/L; ICP/MS; 2% HCl

Cobalt Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLCO1-1BY

Liquid; CAS [7647-01-0, 7440-48-4, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.00301g/cm³ at 20°C; **UN:** 1789; 1mg/L; ICP/MS; 2% HCl

Lithium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLLI2-1BY

Liquid; CAS [7697-37-2, 7439-93-2, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.01006g/cm³ at 20°C; Hazardous; **UN:** 3264; **Recommended Storage:** Ambient; ICP/MS; 2% HNO₃; NIST™-Traceable Certified Reference Material

Cobalt Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLCO2-1BY

Liquid; CAS [7697-37-2, 7440-48-4, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.01007g/cm³ at 20°C; Hazardous; **UN:** 3264; **Recommended Storage:** Ambient; ICP/MS; 2% HNO₃; NIST™-Traceable Certified Reference Material

Magnesium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLMG1-1BY

Liquid; CAS [7647-01-0, 7439-95-4, 7732-18-5]; **Boiling Point:** 100°C; **Density:** 1.003g/cm³ at 20°C; Hazardous; **UN:** 1789; **Recommended Storage:** Ambient; 2% HCl; NIST™-Traceable Certified Reference Material

Magnesium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLMG2-1BY
Liquid; CAS [7697-37-2, 7439-95-4, 7732-18-5]; Boiling Point: 100°C; Density: 1.01006g/cm ³ at 20°C; Hazardous; UN: 3264; Recommended Storage: Ambient; ICP/MS; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Tellurium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLTE1-1BY
Liquid; CAS [7647-01-0, 13494-80-9, 7732-18-5]; Boiling Point: 100°C; Density: 1.00751g/cm ³ at 20°C; Hazardous; UN: 1789; Recommended Storage: Ambient; ICP/MS; 5% HCl; NIST™-Traceable Certified Reference Material		

Potassium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLK1-1BY
Liquid; CAS [7647-01-0, 7440-09-7, 7732-18-5]; Boiling Point: 100°C; Density: 1.003g/cm ³ at 20°C; UN: 1789; 1mg/L; ICP/MS; 2% HCl		

Tellurium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLTE2-1BY
Liquid; CAS [7697-37-2, 13494-80-9, 7732-18-5]; Boiling Point: 83°C; Density: 1.02516g/cm ³ at 20°C; Hazardous; UN: 3264; Recommended Storage: Ambient; 5% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Potassium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLK2-1BY
Liquid; CAS [7697-37-2, 7440-09-7, 7732-18-5]; Boiling Point: 100°C; Density: 1.01006g/cm ³ at 20°C; Hazardous; UN: 3264; Recommended Storage: Ambient; ICP/MS; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Tin Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLSN1-1BY
Liquid; CAS [7647-01-0, 7440-31-5, 7732-18-5]; Boiling Point: 100°C; Density: 1.0075g/cm ³ at 20°C; UN: 1789; 1mg/L; ICP/MS; 5% HCl		

Sodium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLNA1-1BY
Liquid; CAS [7647-01-0, 7440-23-5, 7732-18-5]; Boiling Point: 100°C; Density: 1.003g/cm ³ at 20°C; UN: 1789; 1mg/L; ICP/MS; 2% HCl		

Tin Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLSN2-1BY
Liquid; CAS [7697-37-2, 7664-39-3, 7440-31-5, 7732-18-5]; Boiling Point: 100°C; Density: 1.00107 g/cm ³ at 20°C; UN: 3264; 1mg/L; ICP/MS; 2% HNO ₃ / tr HF		

Sodium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLNA2-1BY
Liquid; CAS [7697-37-2, 7440-23-5, 7732-18-5]; Boiling Point: 100°C; Density: 1.01006g/cm ³ at 20°C; Hazardous; UN: 3264; Recommended Storage: Ambient; ICP/MS; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Vanadium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLV2-1BY
Liquid; CAS [7697-37-2, 7440-62-2, 7732-18-5]; Boiling Point: 100°C; Density: 1.01006g/cm ³ at 20°C; Hazardous; UN: 3264; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Strontium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLSR1-1BY
Liquid; CAS [7647-01-0, 7440-24-6, 7732-18-5]; Boiling Point: 100°C; Density: 1.003g/cm ³ at 20°C; Hazardous; UN: 1789; Recommended Storage: Ambient; 2% HCl; NIST™-Traceable Certified Reference Material		

Vanadium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLV1-1BY
Liquid; CAS [7647-01-0, 7440-62-2, 7732-18-5]; Boiling Point: 100°C; Density: 1.003 g/cm ³ at 20°C; UN: 1789; 1mg/L; ICP/MS; 2% HCl		

Strontium Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLSR2-1BY
Liquid; CAS [7697-37-2, 7440-24-6, 7732-18-5]; Boiling Point: 100°C; Density: 1.01006g/cm ³ at 20°C; Hazardous; UN: 3264; Recommended Storage: Ambient; 2% HNO ₃ ; NIST™-Traceable Certified Reference Material		

Zinc Standard Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLZN1-1BY
Liquid; CAS [7647-01-0, 7440-66-6, 7732-18-5]; Boiling Point: 100°C; Hazardous; UN: 1789; Recommended Storage: Ambient; 2% HCl; NIST™-Traceable Certified Reference Material		

Zinc Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLZN2-1BY

Liquid; CAS [7697-37-2, 7440-66-6, 7732-18-5]; **Boiling Point:** 100°C; Hazardous; **UN:** 3264; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Zirconium Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLZR1-1BY

Liquid; CAS [7647-01-0, 7440-67-7, 7732-18-5]; **Boiling Point:** 100°C; Hazardous; **UN:** 1789; **Recommended Storage:** Ambient; 2% HCl; NIST™-Traceable Certified Reference Material

Zirconium Standard

Claritas PPT®



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CLZR2-1BY

Liquid; CAS [7697-37-2, 7440-67-7, 7732-18-5]; **Boiling Point:** 100°C; Hazardous; **UN:** 3264; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Ion Chromatography (IC) Standards

Ammonia-Nitrogen Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	AS-NH3N9-2Y

CAS [NH3-N, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Bromate Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	AS-BR039-2Y

CAS [BrO3-, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Bromide Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	AS-BR9-2Y
500mL	Triple-leached LDPE Bottle	AS-BR9-2X

CAS [Br-, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Chloride Standard

IC



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	ASCL9-2Y
500mL	Triple-leached LDPE Bottle	AS-CL9-2X

CAS [12125-02-9, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Cyanide Standard (Simple)



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	RSCN9-2Y
500mL	Triple-leached LDPE Bottle	RSCN9-2X

CAS [CN-, 7732-18-5]; Hazardous; **Recommended Storage:** Ambient; 2% KOH; NIST™-Traceable Certified Reference Material

Fluoride Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	AS-F9-2Y
500mL	Triple-leached LDPE Bottle	AS-F9-2X

CAS [F-, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Fluoride Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	AS-F9-1Y
500mL	Triple-leached LDPE Bottle	AS-F9-1X

CAS [F-, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Fluoride Standard



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	AS-F9-1AX

CAS [F-, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Instrument Check Standard 1



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	ICMIX1-100

Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Instrument Check Standard 2



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	ICMIX2-100

Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Instrument Check Standard 3



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	ICMIX3-100

CAS [7732-18-5]; Hazardous; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Instrument Check Standard 6



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	ICMIX6-100

Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Multi Ion Anion IC Standard Solution in H₂O

Afa Aesar

Quantity	Packaging	Cat. No.
100mL	----	AA41693AE

Liquid; Br⁻, Cl⁻, F⁻, NO₃⁻, PO₄³⁻ and SO₄²⁻ at 100µg/mL. Keep refrigerated

Nitrate Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	AS-N039-2Y
500mL	Triple-leached LDPE Bottle	AS-N039-2X

CAS [NO3-, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Nitrite Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	AS-N029-2Y
500mL	Triple-leached LDPE Bottle	AS-N029-2X

CAS [NO2-, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Nitrite-Nitrogen Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	AS-N02N9-2Y
500mL	Triple-leached LDPE Bottle	AS-N02N9-2X

CAS [NO2-N, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Phosphate Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	AS-P049-2Y
500mL	Triple-leached LDPE Bottle	AS-P049-2X

CAS [P04-3, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Phosphate-Phosphorus Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	AS-P04P9-2Y

CAS [P04-P, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

Sulfate Standard



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	AS-S049-2Y
500mL	Triple-leached LDPE Bottle	AS-S049-2X

CAS [SO4-2, 7732-18-5]; Nonhazardous; **Recommended Storage:** Ambient; H₂O; NIST™-Traceable Certified Reference Material

UCMR3 Standard, 9 Component Mix



Quantity	Packaging	Cat. No.
1mL	2mL Amber Prescored Glass Ampule	UCMR-3

CAS [74-83-9, 74-87-3, 106-99-0, 74-97-5, 135-98-8, Various Additional]; Nonhazardous; **Recommended Storage:** Ambient; NIST™-Traceable Certified Reference Material

LC/MS Standards

LC/MS Daily Check Standard 1



Quantity	Packaging	Cat. No.
1mL	Glass Ampule	LCDC-1

Fluid; CAS [58-08-2, 50-55-5]; **Flash Point:** 5°C; **Boiling Point:** 81°C; **Density:** 0.7822g/cm³; **UN:** 1993; **Recommended Storage:** Freezer; EPA 535: Measurement of Chloroacetanilide and Other Acetamide Herbicide Degradates in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS); EPA 535; Solubility in water: fully miscible; Acetonitrile; **Caffeine:** 10µg/mL; **Explosion Limit:** 4.4% (volume); 16% (volume); **Ignition Point:** 525°C; **Physical Form:** Fluid; **Reserpine:** 10µg/mL; **Vapor Pressure:** 97 hPa (20°C)

LC/MS Daily Check Solution 2



Quantity	Packaging	Cat. No.
1mL	2mL Amber Prescored Glass Ampule	LCDC-2

Fluid; CAS [100-02-7, 58-08-2, 50-55-5]; **Flash Point:** 5°C; **Boiling Point:** 81°C; **Density:** 0.7822g/cm³; Nonhazardous; **UN:** 1993; **Recommended Storage:** Freezer; For US EPA Method 535; EPA 535; Solubility in water: fully miscible; Acetonitrile; **4 Nitrophenol:** 10µg/mL; **Caffeine:** 10µg/mL; **Explosion Limit:** 4.4% (volume); 16% (volume); **Ignition Point:** 525°C; **Reserpine:** 10µg/mL; **Vapor Pressure:** 97 hPa (20°C); NIST™-Traceable Certified Reference Material Organic Standard manufactured for GC, GC/MS, HPLC, LC/MS, and other analytical instrumentation

Matrix Modifiers

Lithium Metaborate, Fusion Flux Pure Crystal



Quantity	Packaging	Cat. No.
1kg	Triple-leached LDPE Bottle	FFB-0000-02

Crystalline; CAS [Various]; Nonhazardous; **Recommended Storage:** Ambient; NIST™-Traceable Certified Reference Material

Lithium Metaborate, Fusion Flux Ultra-Pure Crystal



Quantity	Packaging	Cat. No.
1kg	Triple-leached LDPE Bottle	FFB-0000-03

Crystalline; CAS [Various]; Nonhazardous; **Recommended Storage:** Ambient; NIST™-Traceable Certified Reference Material

Lithium Tetraborate, Fusion Flux Pure Crystal



Quantity	Packaging	Cat. No.
1kg	Triple-leached LDPE Bottle	FFB-1000-02

Crystalline; CAS [Various]; Nonhazardous; **Recommended Storage:** Ambient; NIST™-Traceable Certified Reference Material

Lithium Tetraborate, Fusion Flux Ultra-Pure Crystal



Quantity	Packaging	Cat. No.
1kg	Triple-leached LDPE Bottle	FFB-1000-03

Crystalline; CAS [Various]; Nonhazardous; **Recommended Storage:** Ambient; NIST™-Traceable Certified Reference Material

ORP Standards

Oxidation-Reduction Potential Standard



Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	5464516

CAS [7732-18-5, 7447-40-7, 14459-95-1, 13746-66-2]; +200mV vs. Ag/AgCl

Oxidation-Reduction Potential Standard



Quantity	Packaging	Cat. No.
120mL	Amber Glass Bottle	546464
500mL	Amber Glass Bottle	5464616

Clear, Amber Liquid; CAS [7732-18-5, 7783-83-7, 7664-93-9, 7783-85-9]; +600mV vs. Ag/AgCl

USP Standards

2 Component Mix in DMSO

USP



Quantity	Packaging	Cat. No.
1mL	2mL Amber Prescored Glass Ampule	USPRSC3B

Fluid; CAS [64-19-7, 64-18-6]; **Flash Point:** 95°C; **Boiling Point:** 189°C; **Density:** 1.1g/cm³; Nonhazardous; **Recommended Storage:** Freezer; USP 467 Standard; Solubility in water: fully miscible; **Acetic Acid:** 1000µg/mL; **Formic Acid:** 1000µg/mL; **Explosion Limit:** 1.8% (volume); 63% (volume); **Ignition Point:** 270°C; **Vapor Pressure:** 2.5 hPa (20°C); NIST™-Traceable Certified Reference Material Organic Standard manufactured for GC, GC/MS, HPLC, LC/MS, and other analytical instrumentation

5 Component Mix in DMSO

USP



Quantity	Packaging	Cat. No.
1mL	Glass Ampule	USPRSC1

Fluid; CAS [71-55-6, 75-35-4, 107-06-2, 56-23-5, 71-43-2]; **Flash Point:** 0°C (32°F); **Boiling Point:** 189°C; **Density:** 1.1g/cm³; **UN:** 1992; **Recommended Storage:** Freezer; USP 467: Residual Solvents/ Organic Volatile Impurities; USP 467 Standard; Solubility in water: fully miscible; **1,1,1-Trichloroethane:** 50,000µg/mL; **1,1-Dichloroethene:** 40,000µg/mL; **1,2-Dichloroethane:** 25,000µg/mL; **Benzene:** 10,000µg/mL; **Carbon Tetrachloride:** 20,000µg/mL; **Explosion Limit:** 1.8% (volume); 63% (volume); **Ignition Point:** 270°C; **Physical Form:** Fluid; **Vapor Pressure:** 2.5 hPa (20°C)

8 Component Mix in DMSO

USP



Quantity	Packaging	Cat. No.
1mL	Glass Ampule	USPRSC2B
1mL	Glass Ampule	USPRSC2C

Fluid; CAS [127-19-5, 68-12-2, 107-21-1, 872-50-4, 75-12-7, Various Additional]; **Flash Point:** 95°C; **Boiling Point:** 189°C; **Density:** 1.1g/cm³; **Recommended Storage:** Freezer; USP 467: Residual Solvents/ Organic Volatile Impurities; USP 467 Standard; Solubility in water: fully miscible; **1-Methyl 2 pyrrolidinone:** 2650µg/mL; **2-Ethoxyethanol:** 800µg/mL; **2-Methoxyethanol:** 250µg/mL; **Ethylene glycol:** 3100µg/mL; 63% (volume); **Formamide:** 1100µg/mL; **N,N-Dimethylacetamide:** 5450µg/mL; **N,N-Dimethylformamide:** 4400µg/mL; **Tetramethylene sulfone:** 800µg/mL; **Vapor Pressure:** 2.5 hPa (20°C) **Ignition Point:** 270°C; **Explosion Limit:** 1.8% (volume)

15 Component Mix in DMSO

USP



Quantity	Packaging	Cat. No.
1mL	Glass Ampule	USPRSC2A

Fluid; CAS [67-68-5, 110-82-7, 67-56-1, 108-87-2, 108-38-3, Various Additional]; **Flash Point:** 95°C; **Boiling Point:** 189°C; **Density:** 1.1g/cm³; **Recommended Storage:** Freezer; USP 467: Residual Solvents/ Organic Volatile Impurities; **Ignition Point:** 270°C; USP 467 Standard; Solubility in water: fully miscible; **o-Xylene:** 980µg/mL; **1,4-Dioxane:** 1900µg/mL; **Chlorobenzene:** 1800µg/mL; **cis-1,2-Dichloroethene:** 4700µg/mL; **Cyclohexane:** 19,400µg/mL; **Ethylbenzene:** 1840µg/mL; **m-Xylene:** 6510µg/mL; **Methanol:** 15,000µg/mL; **Methylcyclohexane:** 5900µg/mL; **Methylene Chloride:** 3000µg/mL; **p-Xylene:** 1520µg/mL; **Tetrahydrofuran:** 3450µg/mL; **Toluene:** 4450µg/mL; **trans-1,2-Dichloroethene:** 4700µg/mL; **Explosion Limit:** 1.8% (volume); 63% (volume); **Vapor Pressure:** 2.5 hPa (20°C);

24 Component Mix in DMSO

USP



Quantity	Packaging	Cat. No.
1mL	2mL Amber Prescored Glass Ampule	USPRSC3A

Fluid; CAS [71-36-3, 71-41-0, 71-23-8, 78-92-2, 78-93-3, Various Additional]; **Flash Point:** 95°C; **Boiling Point:** 189°C; **Density:** 1.1g/cm³; Nonhazardous; **Recommended Storage:** Freezer; USP 467 Standard; Solubility in water: fully miscible; **1-Butanol:** 1000µg/mL; **1-Pentanol:** 1000µg/mL; **1-Propanol:** 1000µg/mL; **2-Butanol:** 1000µg/mL; **2-Butanone:** 1000µg/mL; **2-Methyl 1 propanol:** 1000µg/mL; **2-Propanol:** 1000µg/mL; **3-Methyl 1 butanol:** 1000µg/mL; **4-Methyl 2 pentanone:** 1000µg/mL; **Acetone:** 1000µg/mL; **Acetonitrile:** 1000µg/mL; **Anisole:** 1000µg/mL; **Butyl acetate:** 1000µg/mL; **Ethanol:** 1000µg/mL; **Ether:** 1000µg/mL; **Ethyl acetate:** 1000µg/mL; **Ethyl formate:** 1000µg/mL; **Isobutyl acetate:** 1000µg/mL; **Isopropylbenzene:** 1000µg/mL; **Methyl Acetate:** 1000µg/mL; **n-Heptane:** 1000µg/mL; **n-Pentane:** 1000µg/mL; **Propyl acetate:** 1000µg/mL; **tert-Butyl methyl ether:** 1000µg/mL; **Explosion Limit:** 1.8% (volume); 63% (volume); **Ignition Point:** 270°C; **Vapor Pressure:** 2.5 hPa (20°C); NIST™-Traceable Certified Reference Material Organic Standard manufactured for GC, GC/MS, HPLC, LC/MS, and other analytical instrumentation

Elemental Impurities A



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	USPTXM2

CAS [Various]; Hazardous; **Recommended Storage:** Ambient; 5% HNO₃; NIST™-Traceable Certified Reference Material

Metal Impurities B (with Os)



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	USPTXM3

CAS [Various]; Hazardous; **Recommended Storage:** Ambient; **Application:** 15% HCl; NIST™-Traceable Certified Reference Material

Metals Impurities B (without Os)



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	USPTXM4

CAS [Various]; Hazardous; **Recommended Storage:** Ambient; 15% HCl; NIST™-Traceable Certified Reference Material

Elemental Impurities C



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	USPTXM5

CAS [Various]; Hazardous; **Recommended Storage:** Ambient; 5% HNO₃; NIST™-Traceable Certified Reference Material

Elemental Impurities D (Big 4)



Quantity	Packaging	Cat. No.
125mL		USPTXM6

CAS [Various]; Hazardous; **Recommended Storage:** Ambient; USP 232; 5% HNO₃

Quality Control and Proficiency Samples

ICP Quality Control Standard 7

For Environmental Analysis



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	QC-7
500mL	Triple-leached LDPE Bottle	QC-7-500

Hazardous; **Recommended Storage:** Ambient; 5% HNO₃/tr F; NIST™-Traceable Certified Reference Material

ICP Quality Control Standard 7A

For Environmental Analysis



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	QC-7A
500mL	Triple-leached LDPE Bottle	QC-7A-500

Hazardous; **Recommended Storage:** Ambient; 5% HNO₃/Tr. HF; NIST™-Traceable Certified Reference Material

ICP Quality Control Standard 21

For Environmental Analysis



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	QC-21
500mL	Triple-leached LDPE Bottle	QC-21-500

Hazardous; **Recommended Storage:** Ambient; 5% HNO₃/tr Tart. Acid/tr HF; NIST™-Traceable Certified Reference Material

ICP Quality Control Standard 21

Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CL-QC-21

Hazardous; **Recommended Storage:** Ambient; 5% HNO₃/tr Tart. Acid/tr HF; NIST™-Traceable Certified Reference Material

Instrument Check Standard 7

For Environmental Analysis



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CALMIX7-100

Hazardous; **Recommended Storage:** Ambient; 2% HNO₃; NIST™-Traceable Certified Reference Material

Interferents A2

Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CL-INT-A2

Hazardous; **Recommended Storage:** Ambient; 5% HNO₃/tr HF; NIST™-Traceable Certified Reference Material

LFS Solution 1

For Environmental Analysis



Quantity	Packaging	Cat. No.
500mL	Triple-leached LDPE Bottle	LFS-1-500

Hazardous; **Recommended Storage:** Ambient; 5% HNO₃/tr Tart. Acid/tr HF; NIST™-Traceable Certified Reference Material

LPC Standard 1

For Environmental Analysis



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	LPC-1-100
500mL	Triple-leached LDPE Bottle	LPC-1-500

CAS [Various]; Hazardous; **Recommended Storage:** Ambient; 5% HNO₃/tr Tart. Acid/tr HF; NIST™-Traceable Certified Reference Material

LPC Standard 1 w/o Mercury

For Environmental Analysis



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	LPC-1-100N
500mL	Triple-leached LDPE Bottle	LPC-1-500N

CAS [Various]; Hazardous; **Recommended Storage:** Ambient; 5% HNO₃/tr Tart. Acid/tr HF; NIST™-Traceable Certified Reference Material

Tuning Solution 1

Trace ICP/ICP-MS Grade



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	CL-TUNE-1

Hazardous; **Recommended Storage:** Ambient; 5% HCl/2% HNO₃; NIST™-Traceable Certified Reference Material

QuEChERS AOAC Internal Standard Mix



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-AOAC-TT

CAS [115-86-6]; 2µg/mL

QuEChERS AOAC Internal Standard Mix



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-AOAC-IS

CAS [86194-41-4, 350820-04-1]; 40µg/mL

QuEChERS AOAC QC Spike Mix



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-AOAC-QC

CAS [1912-24-9, 131860-33-8, 82657-04-3, 63-25-2, 1897-45-6, 2921-88-2]; 40µg/mL

QuEChERS GC/ECD Internal Standard Mix



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-ECD-IS

CAS [35693-99-3, 37680-65-2, 7012-37-5, 13674-87-8]; 50µg/mL

QuEChERS GC/MS QC Standard 2



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-MS-QC2
CAS [120-12-7]		

QuEChERS Internal Standard Triphenylmethane



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-5190
CAS [519-73-3]; 10µg/mL		

QuEChERS GC/NPD and LC/MS Internal Standard Mix



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-NPD-MS-I
CAS [13674-87-8, 115-86-6]		

QuEChERS Internal Standard Triphenylphosphate



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-3765
CAS [115-86-6]; 20µg/mL		

QuEChERS GC/MS Internal Standard Mix



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECRMSIS
CAS [35693-99-3, 37680-65-2, 7012-37-5, 13674-87-8, 115-86-6, 519-73-3]		

QuEChERS Internal Standard Tris(dichloroisopropyl)phosphate



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-4381
CAS [13674-87-8]; 50µg/mL		

QuEChERS Internal Standard PCB 18



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-PCB-18
CAS [37680-65-2]; 50µg/mL		

QuEChERS LC/MS Internal Standard



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-LCMS-IS
CAS [330-95-0]; 10µg/mL		

QuEChERS Internal Standard PCB 28



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-PCB-28
CAS [7012-37-5]; 50µg/mL		

QuEChERS QC Standard 1



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-MS-QC1
CAS [35065-28-2, 35065-27-1]		

QuEChERS Internal Standard PCB 52



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-PCB-52
CAS [35693-99-3]; 50µg/mL		

Wastewater Standards

Trace Metals I For Environmental Analysis



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	WP-15
CAS [Various]; Hazardous; Recommended Storage: Ambient; 5% HNO ₃ ; NIST™-Traceable Certified Reference Material		

QuEChERS Internal Standard PCB 138



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-PCB-138
CAS [35065-28-2]; 50µg/mL		

Trace Metals I w/o Mercury For Environmental Analysis



Quantity	Packaging	Cat. No.
125mL	Triple-leached LDPE Bottle	WP-15N
CAS [Various]; Hazardous; Recommended Storage: Ambient; 5% HNO ₃ ; NIST™-Traceable Certified Reference Material		

QuEChERS Internal Standard PCB 153



Quantity	Packaging	Cat. No.
5 × 1mL	Glass Ampule	QUECR-PCB-153
CAS [35065-27-1]; 50µg/mL		

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Acetic Acid, Glacial Sequencing Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	BP1185-500

Clear colorless liquid; $\geq 99.7\%$; $C_2H_4O_2$; CH_3COOH ;
F.W. 60.05; CAS [64-19-7];
Melting Point: 16° to 16.5°C (60.8° to 61.7°F);
Flash Point: 40°C;
Boiling Point: 117° to 118°C (242.6° to 244.4°F);
Density: 2.10 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 2789;
Recommended Storage: Room Temperature;
 Aldehyde-free; Soluble in water;
 For DNA sequencing and other biological applications such as DNA/
 RNA electrophoresis.



Acrylamide Solution Electrophoresis Grade



Quantity	Packaging	Cat. No.
1L	Amber Glass Bottle	BP1402-1

C_3H_5NO ; CAS [79-06-1, 7732-18-5];
Melting Point: 83° to 85°C (181.4° to 185°F);
Boiling Point: 125°C at 25 mm Hg; **Density:** 2.45 (Air = 1.0);
DOT Class 6.1: Poison; **UN:** 2810; **Recommended Storage:** 4°C;
 40%; **pH:** 6.0 to 7.0 (at 25°C); Soluble in water



Acetic Acid, Glacial Certified ACS Plus



Quantity	Packaging	Cat. No.
2.5L	Glass Bottle	BP2401-212

Vinegar Acid; $C_2H_4O_2$; CH_3COOH ; **F.W.** 60.05;
 CAS [64-19-7]; **DOT Class 8:** Corrosive; **UN:** 2789;
Recommended Storage: Room Temperature



Acetone-Alcohol



Quantity	Packaging	Cat. No.
1L	Poly Bottle	20032
4L	Poly Bottle	2001
20L	Cubitainer™	2005

CAS [64-17-5, 67-64-1]; 1 + 1 Decolorizer Solution

Acetonitrile DNA Synthesis



Quantity	Packaging	Cat. No.
4L	Glass Bottle	BP1170-4
19L	NOWPAK I	BP1170N1-19

$\geq 99.9\%$; C_2H_3N ; **F.W.** 41.05; CAS [75-05-8];
Melting Point: -45°C (-49°F);
Flash Point: 12.8°C (55°F); **Boiling Point:** 81.6°C;
Density: 1.42 (Air = 1.0);
DOT Class 3: Flammable Liquid; **UN:** 1648;
Recommended Storage: Room Temperature; Colorless
Refractive Index: 1.3405 to 1.3425
 Soluble in water



Acrylamide: Bis-Acrylamide 19:1 Electrophoresis Grade



Quantity	Packaging	Cat. No.
1L	Poly Bottle	BP1408-1

Clear colorless liquid; DNase-, RNase- and Protease-Free;
 CAS [79-06-1, 110-26-9, 7732-18-5]; **DOT Class 6.1:** Poison;
UN: 2810; **Recommended Storage:** 4°C;
 40% Solution; Report (at 25°C); Soluble in water;
 For DNA sequencing and separation of low-molecular-weight proteins.
 19:1 concentration is based on the total weight of both the acrylamide
 and bis-acrylamide.



Acrylamide: Bis-Acrylamide 29:1 Electrophoresis Grade



Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP1366-100

Powder; CAS [79-06-1, 110-26-9]; **DOT Class 6.1:** Poison;
UN: 2074; **Recommended Storage:** Room Temperature



Acrylamide: Bis-Acrylamide 37.5:1 Electrophoresis Grade



Quantity	Packaging	Cat. No.
1L	Poly Bottle	BP1410-1

Clear colorless liquid; DNase-, RNase- and Protease-Free;
 CAS [79-06-1, 110-26-9, 7732-18-5]; **DOT Class 6.1:** Poison;
UN: 2810; **Recommended Storage:** 4°C;
 40% Solution; Soluble in water;
 For DNA sequencing and separation of high-molecular-weight proteins.
 37.5:1 concentration is based on the total weight of both the acrylamide
 and bis-acrylamide.



Acrylamide Electrophoresis Grade



Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP170-100
500g	Poly Bottle	BP170-500
5kg	Poly Pail	BP170-5

White, Needle-like Crystals; DNase-, RNase- and
 Protease-Free; $\geq 99.9\%$; C_3H_5NO ; $CH_2CHCONH_2$;
F.W. 71.08; CAS [79-06-1];
Melting Point: 82° to 86°C (179.6° to 186.8°F);
Flash Point: 138°C; **Boiling Point:** 125°C at 25 mmHg;
Density: 2.45 (Air = 1.0); **DOT Class 6.1:** Poison; **UN:** 2074;
Recommended Storage: Room Temperature
pH: 6.0 to 7.0 (10% solution); Ultra-Pure, Triple-Crystallized.



Acrylamide: Bis-Acrylamide 37.5:1 Electrophoresis Grade



Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP1368-100

Powder; CAS [79-06-1, 110-26-9]; **DOT Class 6.1:** Poison;
UN: 2074; **Recommended Storage:** Room Temperature



Actinomycin-D



Quantity	Packaging	Cat. No.
10mg	Poly Micro Tube	BP606-10

Red Crystals; $\geq 98\%$; $C_{62}H_{86}N_{12}O_{16}$; F.W. 1255.44; CAS [50-76-0];
Melting Point: 245° to 252°C (473° to 485.6°F);

Recommended Storage: 4°C;

Soluble in Methanol; Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes.;
 Isolated from *Streptomyces parvulus*.



AEBSF Hydrochloride



Quantity	Packaging	Cat. No.
50mg	Poly Micro Tube	BP635-50
500mg	Poly Micro Tube	BP635-500

White to off-white powder; $\geq 98.0\%$;

4-(2-Aminoethyl)-Benzenesulfonyl Fluoride HCl, Pefabloc™;
 $C_8H_{10}FNO_2SHCl$; F.W. 239.70; CAS [30827-99-7];

Melting Point: 175° to 177°C; **Recommended Storage:** Room Temperature

For R and D use only; not for manufacturing or commercial purposes.



Agar



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP9744-500
2kg	Poly Pail	BP9744-2
5kg	Poly Pail	BP9744-5

Beige Powder; Gelose; CAS [9002-18-0]; Recommended storage: Keep container tightly closed in a dry, cool and well-ventilated place; Odorless; pH: 6-8 suspension;
 Melting Point: 0.0°C (32°F)

Agarose

Genetic Analysis Grade



Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP1356-100
500g	Poly Bottle	BP1356-500

White Powder; DNase- and RNase-Free; $C_{12}H_{18}O_9$;

F.W. 306.12; CAS [9012-36-6]; **Density:** 1.7g/mL;

Recommended Storage: Room Temperature;

Broad Separation Range for DNA/RNA (500bp to 25kb);

Certified for recovery of DNA and RNA. Reliable digestion and ligation of recovered DNA or RNA fragments. Cloning.

For routine nucleic acid electrophoresis (500bp - 25kb).

Gel Strength: $>1200g/cm^2$. EEO (-Mr): <0.15 .

Gelation Temperature: 34.5° - 37.5°C

Moisture Content: $<10\%$



Agarose

Protein Electrophoresis Grade



Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP164-100
500g	Poly Bottle	BP164-500

White Crystals or Crystalline Powder;

DNase- and RNase-Free; $C_{12}H_{18}O_9$; F.W. 306.12;

CAS [9012-36-6]; **Recommended Storage:** Room Temperature

Typically used in protein electrophoresis applications such as CIEP (counter-immunoelectrophoresis).

Gel Strength: $>800g/cm^2$. EEO (-Mr): <0.1 .

Gelation Temperature: 40.5° to 43.5°C

Moisture Content: $<10\%$



Agarose

Protein Electrophoresis Grade



Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP162-100

$C_{12}H_{18}O_9$; F.W. 306.12; CAS [9012-36-6]; **Density:** 1.7g/mL;
Recommended Storage: Room Temperature; High-EEO



Agarose

PCR Grade



Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP2410-100

White Crystalline Powder; DNase- and RNase-Free; $C_{12}H_{18}O_9$;

F.W. 306.12; CAS [9012-36-6]; **Density:** 1.7g/mL;

Recommended Storage: Room Temperature;

Intermediate Melting;

Gel Strength: $>1200g/cm^2$

EEO (-Mr): <0.12

Gelation Temperature: 35.5°C

Moisture Content: $<10\%$



Agarose

Molecular Biology Grade



Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP160-100
500g	Poly Bottle	BP160-500

White Crystals or Crystalline Powder;

DNase- and -RNase-Free; $C_{12}H_{18}O_9$; CAS [9012-36-6];

Density: 1.7g/mL; **Recommended Storage:** Room temperature;

Low-EEO/Multi-Purpose;

High gel strength ideal for Southern and Northern blotting. PCR $>1kb$.

Immunoprecipitation techniques. Baculovirus screening. Colony lifts.

For routine electrophoresis of DNA and RNA (wide resolution range

500 bp to 23kb)

Gel Strength: $>1200g/cm^2$. EEO (-Mr): 0.09 - 0.13.

Gelation Temperature: 34° to 45°C

Moisture Content: $<10\%$



Agarose

Genetic Analysis Grade



Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP1360-100

White Powder; DNase- and RNase-Free; $C_{12}H_{18}O_9$;

F.W. 306.12; CAS [9012-36-6]; **Density:** 1.7g/mL;

Recommended Storage: Room Temperature; $<1kb$ DNA/RNA;

Low melting temperature agarose. For certified recovery

of small nucleic acid fragments. Outstanding resolution of PCR and

RT-PCR fragments from 50 to 1000 bp. In-gel PCR. In-gel ligations/

transformations.

Gel Strength: $>500g/cm^2$. EEO (-Mr): <0.15

Gelation Temperature: $<35^\circ C$

Melting Temperature: $<65^\circ C$



Agarose

Molecular Biology Grade



Quantity	Packaging	Cat. No.
25g	Poly Bottle	BP165-25

DNase- and RNase-Free; $C_{12}H_{18}O_9$; F.W. 306.12;

CAS [9012-36-6]; **Density:** 1.7g/mL;

Recommended Storage: Room Temperature;

Low-Melting, Nucleic Acid Recovery

Original low melting temperature agarose for separation of nucleic

acids from 200 bp to 25kb. Preparative DNA and RNA electrophoresis.

Ideally suited for DNA and RNA recovery. Cloning of tissue culture

cells and viral plaque assays.

For nucleic acid separation (200 bp to 25kb)

Gel Strength: $>200g/cm^2$. EEO (-Mr): <0.1

Gelation Temperature: 26° to 30°C

Moisture Content: $<10\%$



Agarose Protein Electrophoresis Grade

F	Quantity	Packaging	Cat. No.
	100g	Poly Bottle	BP161-100

$C_{12}H_{18}O_9$; F.W. 306.12; CAS [9012-36-6]; Density: 1.7g/mL;
Recommended Storage: Room Temperature; Medium-EEO

ChemAlert® Storage Code GRAY

Agarose Gel-Loading Dye, 6X Molecular Biology Grade

F	Quantity	Packaging	Cat. No.
	5mL	Poly Bottle	BP633-5

CAS [915-67-3, 26873-85-8]; **Recommended Storage:** Room Temperature; Contains 15% Ficoll™ 400

ChemAlert® Storage Code GRAY

Agarose, Low EEO Electrophoresis Grade

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	100g	Glass Bottle	AC15982-1000

CAS [9012-36-6]; Solubility in water: soluble in hot water. Other solubilities: insoluble in most common organic solvents; TSCA

Albumin-Glycerol Fixative

M END HELLPORE	Quantity	Packaging	Cat. No.
	500mL	Plastic Bottle	MR0320374

For mounting tissue sections.

Alcohol

M END HELLPORE	Quantity	Packaging	Cat. No.
	4L	Poly Bottle	23794206

Liquid; 100%; C_2H_5OH ; F.W. 46.7 Clear, colorless; HARLECO™

Alcohol

M END HELLPORE	Quantity	Packaging	Cat. No.
	4L	Poly Bottle	23794203

Liquid; 70%; C_2H_5OH ; F.W. 46.8; Clear, colorless; HARLECO™

Alizarin Red S Pure

ACRÖS ORGANICS	Quantity	Packaging	Cat. No.
	100g	Glass Bottle	AC40048-1000

C.I. 58005, 9,10-Dihydro-3,4-dihydroxy-9,10-dioxo-2-anthracenesulfonic acid, sodium salt, Mordant Red 3, Sodium alizarinesulfonate; $C_{14}H_7NaO_7S$; F.W. 342.26; CAS [130-22-3]; Solubility in water: moderately soluble. Other solubilities: soluble in ethanol; TSCA

4-(2-Aminoethyl)benzenesulfonyl Fluoride Hydrochloride

F	Quantity	Packaging	Cat. No.
	1g	Amber Glass Bottle	BP2644-1

White Powder; $\geq 97\%$; AEBSF; $C_8H_{10}FNO_2SHCl$; F.W. 239.7; CAS [30827-99-7]; **Melting Point:** 175°C;
Recommended Storage: Room Temperature, protect from light; Not on TSCA inventory; for R and D use only; not for manufacturing or commercial purposes.
 Similar in structure to the commonly used inhibitor PMSF, AEBSF offers better solubility in water, lower toxicity, greater stability and higher inhibitory activity.
 AEBSF belongs to the family of irreversible sulfonyl fluoride inhibitors that block trypsin and chymotrypsin-type enzymes.

ChemAlert® Storage Code GRAY

Ammonium Acetate

F	Quantity	Packaging	Cat. No.
	500g	Poly Bottle	BP326-500
	1kg	Glass Bottle	BP326-1

White Crystals; $\geq 97\%$; Acetic Acid Ammonium Salt; $C_2H_7NO_2$; CH_3COONH_4 ; F.W. 77.08; CAS [631-61-8];
Melting Point: 110°C (230°F); **Flash Point:** 136°C;
Density: 1.07g/mL; **Recommended Storage:** 4°C;
pH: 6.7 to 7.3 (at 25°C); Soluble in Methanol

ChemAlert® Storage Code GRAY

Ammonium Bicarbonate

F	Quantity	Packaging	Cat. No.
	500g	Poly Bottle	BP2413-500

Fine White Crystalline Powder; 21.30 to 21.73%; Acid Ammonium Carbonate, Ammonium Hydrogen Carbonate; CH_5NO_3 ; NH_4HCO_3 ; F.W. 79.06; CAS [1066-33-7];
Melting Point: 105°C; **Recommended Storage:** Room Temperature

ChemAlert® Storage Code GRAY

Ammonium Persulfate Electrophoresis Grade

F	Quantity	Packaging	Cat. No.
	25g	Glass Bottle	BP179-25
	100g	Glass Bottle	BP179-100

Colorless to White Crystals; $\geq 98.0\%$; APS, Ammonium Peroxydisulfate; $H_8N_2O_8S_2$; $(NH_4)_2S_2O_8$; F.W. 228.19; CAS [7727-54-0]; **Melting Point:** 120°C;
Density: 1.980g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1444;
Recommended Storage: Room Temperature
 Soluble in water

ChemAlert® Storage Code YELLOW

Ammonium Sulfate

F	Quantity	Packaging	Cat. No.
	1kg	Poly Bottle	BP212R-1
	2.5kg	Poly Bottle	BP212-212

Sulfuric Acid Diammonium Salt, Diammonium Sulfate; $H_8N_2O_4S$; $(NH_4)_2SO_4$; F.W. 132.14; CAS [7783-20-2];
Recommended Storage: Room Temperature
pH: 5 to 6 (at 25°C); Soluble in water

ChemAlert® Storage Code GRAY

Amphotericin B

F	Quantity	Packaging	Cat. No.
	250mg	Amber Glass Bottle	BP928-250

Yellow Powder; $C_{47}H_{73}NO_{17}$; F.W. 924.09; CAS [1397-89-3];
Melting Point: >170°C; **Recommended Storage:** -20°C;
 Solubility in water: insoluble; Not on TSCA inventory; For R and D use only; not for manufacturing or commercial purposes.

ChemAlert® Storage Code GRAY

Ampicillin Sodium Salt

F	Quantity	Packaging	Cat. No.
	5g	Poly Bottle	BP1760-5
	25g	Poly Bottle	BP1760-25

Crystalline Powder; Ampicillin; $C_{16}H_{18}N_3O_4SNa$; F.W. 371.39; CAS [69-52-3]; **Melting Point:** 215.0°C
pH: 8.0 to 10.0 (1% Solution); Soluble in water;
 Not on TSCA inventory; For R and D use only; not for manufacturing or commercial purposes.
 For selection for ampicillin resistance in mutated and transformed cells.

ChemAlert® Storage Code BLUE

Ampicillin Trihydrate



Quantity	Packaging	Cat. No.
25g	Poly Bottle	BP902-25

Off-White Powder; $C_{16}H_{19}N_3O_5 \cdot 3H_2O$; **F.W.** 403.25; CAS [7177-48-2]; **Melting Point:** 197.8°C; **Recommended Storage:** 4°C; **pH:** 3.5 to 6.0 (1% solution); Solubility in water: slight; Not on TSCA inventory; For R and D use only; not for manufacturing or commercial purposes.



D-Biotin



Quantity	Packaging	Cat. No.
1g	Amber Glass Bottle	BP232-1

≥99%; Vitamin B₇; $C_{10}H_{16}N_2O_3S$; **F.W.** 244.31; CAS [58-85-5]; **Melting Point:** 228.9°C; **Recommended Storage:** -20°C Soluble in water. Not for human use.



Aniline Blue

Certified Biological Stain



Quantity	Packaging	Cat. No.
25g	Glass Bottle	A967-25

Water Soluble; Acid Blue 93, Methyl Blue, Acid Blue, Soluble Blue; $C_{22}H_{25}N_3O_5S_3Na_2$; **F.W.** 799.8; CAS [28631-66-5]; **C.I.** 42780



Bis-Acrylamide

Electrophoresis Grade



Quantity	Packaging	Cat. No.
25g	Poly Bottle	BP171-25
100g	Poly Bottle	BP171-100

≥95%; N,N'-Methylene-bis-acrylamide; $C_7H_{10}N_2O_2$; $CH_2CHCONHCH_2NHCOCHCH_2$; **F.W.** 154.17; CAS [110-26-9]; **Melting Point:** >300°C; **Density:** 5.31 (Air = 1.0); **Recommended Storage:** 4°C **pH:** 5.0 min. (1% Solution); Solubility in water: slight



L-Arginine



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP370-100

White Crystals or Crystalline Powder; 98.5 to 101.0%; $C_6H_{14}N_4O_2$; **F.W.** 174.2; CAS [74-79-3]; **Melting Point:** 223° to 224°C; **Density:** 1.3g/mL; **Recommended Storage:** Room Temperature

L-Arginine Hydrochloride



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP372-100

White Crystals or Crystalline Powder; 98.5 to 101.0%; $C_6H_{14}N_4O_2 \cdot ClH$; **F.W.** 210.58; CAS [1119-34-2]; **Melting Point:** 226° to 230°C; **Boiling Point:** 235°C; **Recommended Storage:** Room Temperature



L-Ascorbic Acid



Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP351-500

White Crystalline Powder; ≥99.0%; Vitamin C; $C_6H_8O_6$; **F.W.** 176.13; CAS [50-81-7]; **Melting Point:** 190°C; **Density:** 1.65g/mL; **Recommended Storage:** Room Temperature. Not for human use.



Benzamidine Hydrochloride Hydrate



Quantity	Packaging	Cat. No.
25g	Poly Bottle	BP435-25

White Crystalline Powder; ≥99.0%; Benzamidine Chloride; $C_7H_8N_2 \cdot HCl$; **F.W.** 156.61; CAS [1670-14-0, 206752-36-5]; **Melting Point:** 167° to 171°C; **Recommended Storage:** 4°C



Boric Acid

Electrophoresis Grade



Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP168-500
1kg	Poly Bottle	BP168-1

Crystalline; DNase-Free; ≥99%; H_3BO_3 ; **F.W.** 61.83; CAS [10043-35-3]; **Melting Point:** 169°C; **Recommended Storage:** Room Temperature Solubility in water: partially soluble



Bicine



Quantity	Packaging	Cat. No.
250g	Poly Bottle	BP2646-250
1kg	Poly Bottle	BP2646-1

White Powder; N,N-bis [2-hydroxyethyl]glycine; $C_6H_{13}NO_4$; $(HOCH_2CH_2)_2NCH_2COOH$; **F.W.** 163.2; CAS [150-25-4]; **Recommended Storage:** Room Temperature



Brij™ 35



Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP345-500

Polyoxyethylene (23) Lauryl Ether; $C_{28}H_{118}O_{24}$; $C_{12}H_{25}(OCH_2CH_2)_n$; **F.W.** 1199.56; CAS [9002-92-0]; **Melting Point:** 40° to 42°C; **Recommended Storage:** Room Temperature **Av. Molecular Wt.:** ~600.



Brilliant Blue G-250



Quantity	Packaging	Cat. No.
25g	Glass Bottle	BP100-25

Coomassie™ Blue G-250; $C_{47}H_{48}N_3O_7S_2Na$; F.W. 854.02; CAS [6104-58-1]; Density: >1.0g/mL; C.I. 42655;
Recommended Storage: Room Temperature

ChemAlert® Storage Code GRAY

Brilliant Blue R-250



Quantity	Packaging	Cat. No.
25g	Glass Bottle	BP101-25
50g	Amber Glass Bottle	BP101-50

Coomassie Blue R-250; $C_{45}H_{44}N_3NaO_7S_2$; F.W. 825.96; CAS [6104-59-2]; Melting Point: 174° to 180°C; C.I. 42660;
Recommended Storage: Room Temperature

ChemAlert® Storage Code GRAY

Brilliant Green

Certified Biological Stain



Quantity	Packaging	Cat. No.
25g	Glass Bottle	B422-25

Ethyl Green, Basic Green, Malachite Green G; $C_{27}H_{33}N_2HSO_4$; F.W. 482.65; CAS [633-03-4]; C.I. 42040
 For use in bacteriology in media.

ChemAlert® Storage Code GRAY

5-Bromo-4-chloro-3-indolyl-β-D-galactopyranoside



Quantity	Packaging	Cat. No.
100mg	Glass Bottle	BP1615-100
1g	Glass Bottle	BP1615-1

X-Gal; $C_{18}H_{16}BrClNO_6$; F.W. 408.63; CAS [7240-90-6];
Melting Point: 230°C; **Recommended Storage:** -20°C; Not on TSCA inventory: For R and D use only; not for manufacturing or commercial purposes.
 For blue/white colony screening, immunoblotting and immunocytochemical assays.

ChemAlert® Storage Code GRAY

Bromocresol Green

Certified ACS



Quantity	Packaging	Cat. No.
5g	Glass Bottle	B383-5

3',3',5',5'-Tetrabromo-m-cresol-sulfonephthalein; $C_{21}H_{14}Br_4O_5S$; F.W. 698.04; CAS [76-60-8]; Melting Point: 225°C; pH Indicator

ChemAlert® Storage Code GRAY

Bromocresol Purple

Certified



Quantity	Packaging	Cat. No.
5g	Glass Bottle	B393-5

5,5'-dibromo-o-cresolsulfonphthalein; $C_{21}H_{16}Br_2O_5S$; F.W. 540.24; CAS [115-40-2];
Melting Point: 240.00°C; Yellow to Purple; pH: 5.2 to 6.8

ChemAlert® Storage Code GRAY

Bromocresol Purple

Pure



Quantity	Packaging	Cat. No.
1kg	Glass Bottle	AC15133-0010

Bromocresol Purple, BCP, 5,5'-Dibromo-o-cresolsulfonephthalein; $C_{21}H_{16}Br_2O_5S$; F.W. 540.21; CAS [115-40-2]; Melting Point: 245.0°C; Solubility in water: practically insoluble. Other solubilities: 75g/L in ethanol (20°C)

Bromophenol Blue

Certified ACS



Quantity	Packaging	Cat. No.
5g	Glass Bottle	B392-5

3',3',5',5'-Tetrabromophenolsulfonephthalein, 4,4'-(3H-2,1-Benzoxathiol-3-ylidene) bis-CAS [2,6-dibromophenol] S,S-Dioxide; $C_{19}H_{10}Br_4O_5S$; $C_8H_6SO_2OC(C_6H_2-3,5-Br_2-4-OH)_2$; F.W. 669.96; CAS [115-39-9]; Melting Point: 273°C; pH Indicator; Solubility in water: Soluble

ChemAlert® Storage Code GRAY

Bromophenol Blue Sodium Salt



Quantity	Packaging	Cat. No.
25g	Glass Bottle	BP114-25

3,3',5,5'-Tetrabromophenolsulfonphthalein sodium salt; $C_{19}H_3Br_4NaO_5S$; F.W. 691.94; CAS [62625-28-9]
Recommended Storage: Room Temperature

ChemAlert® Storage Code GRAY

Bromophenol Blue Solution, 0.04%

Certified



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SI12-500

0.04%; CAS [62625-28-9, 7732-18-5]; pH: 3.5 to 4.6

ChemAlert® Storage Code GRAY

Bromothymol Blue

Certified ACS



Quantity	Packaging	Cat. No.
10g	Glass Bottle	B388-10

3',3'-Dibromothymolsulfonephthalein; $C_{27}H_{28}Br_2O_5S$; F.W. 624.4; CAS [76-59-5]
 pH Indicator; Solubility in water: insoluble

ChemAlert® Storage Code GRAY

Bromothymol Blue Solution, 0.04%

Certified



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SI22-500

0.04%; CAS [34722-90-2, 7732-18-5, 64-02-8];
Melting Point: 0°C (32°F); Density: 1g/mL; pH: 6.5 to 7.1

ChemAlert® Storage Code GRAY

Broth (Capsules)



Quantity	Packaging	Cat. No.
500mL Capsules, 5kg	Poly Pail	BP9736-5

Solid; CAS [91079-40-2, 8013-01-2];
Recommended Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

Broth (Granulated Media)



Quantity	Packaging	Cat. No.
2kg	Poly Pail	BP9743-2
5kg	Poly Pail	BP9743-5
500g	Poly Bottle	BP9743-500

Solid; CAS [91079-40-2, 8013-01-2];
Recommended Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

Calcium Chloride Dihydrate

F

Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP510-100
250g	Poly Bottle	BP510-250
500g	Poly Bottle	BP510-500

White Crystals to Powder; 99.0 to 105.0%; CaCl₂·2H₂O; F.W. 147.02; CAS [10035-04-8, 10043-52-4]; Melting Point: 175°C; Density: 0.830g/mL; Recommended Storage: Room Temperature pH: 4.5 to 8.5 (at 25°C); Soluble in water



CAPS

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP321-500

Fine White Crystals; ≥98%; 3-Cyclohexylamino-1-propanesulfonic Acid; C₉H₁₉NO₃S; C₆H₁₁NH(CH₂)₃SO₃H; F.W. 221.32; CAS [1135-40-6]; Melting Point: 324°C; Flash Point: 110°C; Recommended Storage: Room Temperature Solubility in water: slight



Carbenicillin

F

Quantity	Packaging	Cat. No.
250mg	Amber Glass Bottle	BP2648-250
1g	Amber Glass Bottle	BP2648-1
5g	Amber Glass Bottle	BP2648-5

White Powder; ≥92%; α-Carboxybenzylpenicillin; C₁₇H₁₆N₂Na₂O₆S; F.W. 422.4; CAS [4800-94-6]; Recommended Storage: 0° to 5°C; Disodium Salt; pH: 6.0 to 8.0 (at 25°C) Used for the selection of ampicillin-resistant transformed cells. Potency: ≥770mcg/mg.



Cefazolin Sodium Salt

ACROS ORGANICS

Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC45521-0010

98%; C₁₄H₁₃N₃NaO₄S₂; F.W. 476.48; CAS [27164-46-1]; Melting Point: 170° to 177°C

Cefotaxime Sodium Salt

ACROS ORGANICS

Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC45495-0010
5g	Glass Bottle	AC45495-0050
25g	Glass Bottle	AC45495-0250

95%; C₁₆H₁₆N₃NaO₇S₂; F.W. 477.44; CAS [64485-93-4]; Melting Point: 201.0° to 210.0°C; Solubility in water: soluble.

Cefotaxime, Sodium Salt

F

Quantity	Packaging	Cat. No.
1g	Amber Glass Bottle	BP2951-1

Dry, White or off-White Powder; C₁₆H₁₆N₃NaO₇S₂; F.W. 477.5; CAS [64485-93-4]; pH: 4.5 to 6.5 (at 25°C); Inhibitor of bacterial cell wall synthesis. Eliminates Agrobacterium species after inoculation.



Cefoxitin Sodium Salt

ACROS ORGANICS

Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC45528-0050

94%; C₁₆H₁₆N₃NaO₇S₂; F.W. 449.43; CAS [33564-30-6]

Celecoxib

ACROS ORGANICS

Quantity	Packaging	Cat. No.
100mg	Glass Bottle	AC45645-1000

98%; 4-CAS [5-(4-Methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl] benzenesulfonamide; C₁₇H₁₄F₃N₃O₂S; F.W. 381.37; CAS [169590-42-5]; Melting Point: 156° to 157°C

Cesium Chloride

F

Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP1595-500
1kg	Poly Bottle	BP1595-1

Crystalline Powder; DNase-, RNase- and Protease-Free; ≥99.5%; CsCl; F.W. 168.36; CAS [7647-17-8]; Melting Point: 646°C; Boiling Point: 1303°C; Density: 3.99g/mL; Recommended Storage: Room Temperature; Refractive Index: 1.364 to 1.374; For isolation of phage DNA, plasmid DNA, or total RNA.



Cesium Chloride

Molecular Biology Grade

F

Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP210-100
500g	Poly Bottle	BP210-500
1kg	Poly Bottle	BP210-1

White Crystalline Powder; DNase-, RNase- and Protease-Free; ≥99.999%; CsCl; F.W. 168.36; CAS [7647-17-8]; Melting Point: 646°C; Boiling Point: 1303°C; Density: 3.99g/mL; Recommended Storage: Room Temperature; For nucleic acid purification. Ultra-Pure



CHAPS

F

Quantity	Packaging	Cat. No.
1g	Amber Glass Bottle	BP571-1
5g	Amber Glass Bottle	BP571-5

White Crystalline Powder; ≥98%; 3-[(3-Cholamidopropyl) dimethylammonio]-1-propanesulfonate; C₃₂H₅₈N₂O₇S; F.W. 614.9; CAS [75621-03-3]; Melting Point: 267° to 271°C (513° to 521°F); Recommended Storage: Room Temperature; pH: 5.0 to 7.0 (10% solution); Not on TSCA inventory; For R and D use only; not for manufacturing or commercial purposes.



Chloramphenicol

F

Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP904-100

Crystalline Powder; 97%; Chloromycetin, C₁₁H₁₂Cl₂N₂O₅; F.W. 323.13; CAS [56-75-7]; Melting Point: 149° to 153°C (300.2° to 307.4°F); Recommended Storage: Room Temperature; pH: 5 to 7 (at 25°C); For selecting transformed cells containing chloramphenicol resistance genes.



Chloroform Molecular Biology Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	BP1145-1

Clear colorless liquid; ≥99% (by GC); CHCl_3 ;
F.W. 119.38; **CAS** [64-17-5, 67-66-3];
Melting Point: -63°C;
Boiling Point: 60.5° to 61.5°C (140.9° to 142.7°F);
Density: 4.12 (Air = 1.0);
DOT Class 6.1: Poison;
UN: 1888; **Recommended Storage:** Room Temperature;
 Approx. 0.75% Ethanol as Preservative;
Refractive Index: 1.4420 to 1.4450; Solubility in water: slight;
 Extractions to remove proteins from DNA or RNA samples.
 With preservative.



Chlorophenol Red, Sodium Salt Pure



Quantity	Packaging	Cat. No.
50g	Glass Bottle	AC21631-0500

Dark brown crystalline powder;
 3',3''-Dichlorophenolsulfonephthalein, sodium salt; $\text{C}_{19}\text{H}_{11}\text{Cl}_2\text{NaO}_5\text{S}$;
F.W. 445.25; **CAS** [123333-64-2]; **Melting Point:** 267.0°C;
 Solubility in water: Soluble

Citric Acid, Anhydrous



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP339-500

Crystalline; ≥99.5%; $\text{C}_6\text{H}_8\text{O}_7$; **F.W.** 192.13; **CAS** [77-92-9];
Melting Point: 153°C;
Recommended Storage: Room Temperature



Copper (II) Sulfate Pentahydrate



Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP346-500

Blue Crystals; 98.0 to 102.0%;
 Cupric Sulfate Pentahydrate, Blue Vitriol; $\text{CuO}_4\text{S}\cdot 5\text{H}_2\text{O}$;
F.W. 249.68; **CAS** [7758-98-7, 7758-99-8];
Melting Point: 110°C (230°F); **DOT Class 9:** Miscellaneous;
Recommended Storage: Room Temperature
 Soluble in water



Crystal Violet Certified Biological Stain



Quantity	Packaging	Cat. No.
25g	Glass Bottle	C581-25
100g	Glass Bottle	C581-100

Gentian Violet, Basic Violet 3; $\text{C}_{25}\text{H}_{30}\text{ClN}_3$; **F.W.** 407.98;
CAS [548-62-9]; **C.I.** 42555; For use in histology, cytology and
 bacteriology (staining).



Crystal Violet



Quantity	Packaging	Cat. No.
4 × 500mL	Plastic Bottle	23750025

Individual replacement for crystal violet component of the Gram
 Staining Set. Stains Gram-positive bacteria purple. For in vitro
 diagnostic use. Prepared from dyes certified by the Biological Stain
 Commission (BSC). For use with Midas III and other automated staining
 systems.

Cyanocobalamin



Quantity	Packaging	Cat. No.
1g	Amber Glass Bottle	BP862-1

Crystalline (Dark Red); ≥98%; Vitamin B_{12} ; $\text{C}_{63}\text{H}_{88}\text{CoN}_{14}\text{O}_{14}\text{P}$;
F.W. 1355.38; **CAS** [68-19-9]; **Melting Point:** >300°C;
Boiling Point: >300°C; **Recommended Storage:** -4°C;
 Not for human use.



L-Cysteine Hydrochloride Monohydrate



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP376-100

White Crystals; 98.5 to 101%; $\text{C}_3\text{H}_7\text{NO}_2\text{S}\cdot\text{HCl}\cdot\text{H}_2\text{O}$; **F.W.** 175.64;
CAS [7048-04-6]; **Melting Point:** 175° to 177.8°C;
Recommended Storage: Room Temperature



Decolorizer Reagent



Quantity	Packaging	Cat. No.
4 × 500mL	Plastic Bottle	23750028

Individual replacement for decolorizer component of the Gram Staining
 Set. Mixture of acetone and isopropanol used to
 decolorize Gram-negative bacteria. For use with Midas III and other
 automated staining
 systems.

Denhardt's Reagent Molecular Biology Grade



Quantity	Packaging	Cat. No.
5mL	Amber Glass Bottle	BP515-5

CAS [26873-85-8 (Ficoll™), 9003-39-8 (Polyvinylpyrrolidone),
 9048-46-8 (Bovine Albumin)]; **Recommended Storage:** -20°C;
 50X Solution; **pH:** 5.0 to 7.0 (at 25°C)



Deoxycholic Acid Sodium Salt



Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP349-100

Fine White Crystalline Powder; ≥99%; Sodium Deoxycholate,
 3-alpha,12-alpha-Dihydroxy-5-beta-cholan-24-oic acid,
 Sodium Salt; $\text{C}_{24}\text{H}_{38}\text{NaO}_4$; **F.W.** 414.58; **CAS** [302-95-4];
Melting Point: 357° to 365°C;
Recommended Storage: Room Temperature;
 For solubilizing and isolating membrane-bound proteins in an active
 state.



Dextran



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP1580-100

White to Off-White Powder; **CAS** [9004-54-0];
Recommended Storage: Room Temperature;
pH: 6.2 to 6.8 (at 25°C); Average M.W. of 500,000.



Dextran Sulfate Sodium Salt



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP1585-100
500g	Poly Bottle	BP1585-500

White to Off-White Powder; **CAS** [9011-18-1];
Recommended Storage: Room Temperature



Dextrose, Anhydrous Molecular Biology Grade

F

Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP350-500
1kg	Poly Bottle	BP350-1

Crystalline Granular; DNase-, RNase- and Protease-Free; ≥99.8%; Glucose; C₆H₁₂O₆; HOCH₂(CHOH)₄CHO; **F.W.** 180.08; CAS [50-99-7]; **Melting Point:** 146.1°C; **Density:** 1.54g/mL; **Recommended Storage:** Room Temperature; Soluble in water Cell culture additive. Low metal ion content: ≤0.0005%.



N,N-Diisopropylethylamine Peptide Synthesis Grade

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	BP592-500

≥99%; DIEA; C₈H₁₉N; **F.W.** 129.24; CAS [7087-68-5]; **Melting Point:** -46°C; **Flash Point:** 6°C; **Boiling Point:** 127°C; **Density:** 0.782g/mL; **DOT Class 3:** Flammable Liquid (n.o.s.); **UN:** 1993; **Recommended Storage:** Room Temperature; **Refractive Index:** 1.4113 to 1.4153



Dimethyl Sulfoxide

F

Quantity	Packaging	Cat. No.
100mL	Glass Bottle	BP231-100
1L	Glass Bottle	BP231-1
4L	Glass Bottle	BP231-4

Clear colorless liquid; ≥99.7%; DMSO; C₂H₆O₂; (CH₃)₂SO; **F.W.** 78.13; CAS [67-68-5]; **Melting Point:** 18.4°C (65°F); **Flash Point:** 87°C; **Boiling Point:** 189°C; **Density:** 2.7 (Air = 1.0); **Recommended Storage:** Room Temperature; Soluble in water For cryopreservation and bacterial transformation. **Note:** Sold for nonmedical use only. Not to be used or sold as a drug for humans or animals.



N,N-Dimethylformamide Synthesis Grade

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	BP1160-500
4L	Glass Bottle	BP1160-4

≥99.5%; DMF; C₃H₇NO; HCONCH₂CH₃; **F.W.** 73.09; CAS [68-12-2]; **Melting Point:** -61°C (-78°F); **Flash Point:** 58°C; **Boiling Point:** 153°C; **Density:** 2.5 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 2265; **Recommended Storage:** Room Temperature Soluble in water



Dithiothreitol Electrophoresis Grade

F

Quantity	Packaging	Cat. No.
5g	Glass Bottle	BP172-5
25g	Glass Bottle	BP172-25

White Powder or Crystals; DNase-, RNase- and Protease-Free; ≥99%; DTT, Cleland's Reagent; C₄H₁₀O₄S₂; HSCH₂CH(OH)CH(OH)CH₂SH; **F.W.** 154.24; CAS [3483-12-3]; **Melting Point:** 38° to 43°C; **Boiling Point:** 125° to 130°C at 2mmHg; **Recommended Storage:** -20°C



Dowex™ 1X8

ACROS ORGANICS

Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC20299-0025

CAS [12627-85-9]; 15% max. (on 35 mesh, cumulative); 15% max. (through 80 mesh); Solubility in water: insoluble.

Doxorubicin Hydrochloride

F

Quantity	Packaging	Cat. No.
1mg	Amber Glass Bottle	BP2516-1
5mg	Amber Glass Bottle	BP2516-5
10mg	Amber Glass Bottle	BP2516-10
50mg	Amber Glass Bottle	BP2516-50

Red-Brown Powder; (by HPLC): ≥95%; Adriamycin, 14-Hydroxydaunomycin, HCl; C₂₇H₂₉NO₁₁HCl; **F.W.** 580; CAS [25316-40-9]; **Recommended Storage:** 2° to 8°C; Soluble in water; Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes.



Doxycycline Hydrochloride

F

Quantity	Packaging	Cat. No.
1g	Amber Glass Bottle	BP2653-1
5g	Amber Glass Bottle	BP2653-5

Yellow Powder; 95%; C₂₂H₂₂N₂O₈HCl; **F.W.** 480.9; CAS [10592-13-9]; **Recommended Storage:** 0° to 5°C, light-sensitive, desiccate. Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes. Broad spectrum antibiotic.



Electrode Storage Solution

F

Quantity	Packaging	Cat. No.
1L	Poly Bottle	BP2418-1

Recommended Storage: Room Temperature; **pH:** 3.8 to 4.0 (at 25°C) For use in storage of pH electrodes.



Eosin Y Certified Biological Stain

F

Quantity	Packaging	Cat. No.
25g	Glass Bottle	E511-25
100g	Glass Bottle	E511-100

D&C Red No. 22, Acid Red 87; C₂₀H₈Br₄O₅·2Na; **F.W.** 691.85; CAS [17372-87-1]; **C.I.** 45380; For use in histology and compounding of blood stains.



Eosin Y, Alcoholic

F

Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SE22-500D

Acid Red 87; CAS [64-17-5, 67-63-0, 67-56-1, 17372-87-1, 7732-18-5]; **Flash Point:** 16°C; **Density:** 0.8g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1987; 0.25% Solution; For use in histology stains. Contains Eosin Y in a mixture of Ethanol, Methanol and Isopropanol.



Eosin Y Solution



Quantity	Packaging	Cat. No.
1000mL	Plastic Bottle	23749976

Alcoholic; Cytoplasmic counterstain for Hematoxylin; For in vitro diagnostic use. Prepared from dyes certified by the Biological Stain Commission (BSC).

Eriochrome™ Black T

Certified



Quantity	Packaging	Cat. No.
25g	Glass Bottle	E512-25

Superchrome Black TS, 1-(1-Hydroxy-2-naphthylazo)-6-nitro-2-naphthol-4-sulfonic Acid Sodium Salt, Mordant Black 11; $C_{20}H_{12}N_2O_5SNa$; F.W. 461.38; CAS [1787-61-7]; C.I. 14645

Indicator for EDTA titrations; biologic stain.



Eriochrome™ Black T Solution



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SE32-500

Mordant Black 11; CAS [67-56-1, 1787-61-7, 1336-21-6, 7732-18-5]; **Melting Point:** -98°C (-144.4°F); **Flash Point:** 11°C ; **Boiling Point:** 64°C ; **DOT Class 3:** Flammable Liquid; **UN:** 1230; C.I. 14645

Indicator for water hardness.

Schwarzenbach.



Erythromycin



Quantity	Packaging	Cat. No.
25g	Poly Bottle	BP920-25

White Crystalline Powder; 85%; E-Mycin, Erythrocin; $C_{37}H_{67}NO_{13}$; F.W. 733.94; CAS [114-07-8];

Melting Point: 138° to 140°C (280.4° to 284°F);

Recommended Storage: Room Temperature;

pH: 8 to 10.5 (at 25°C , 0.07% water);

Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes.



Ethanol

Molecular Biology Grade



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	BP2818-100
500mL	Glass Bottle	BP2818-500
4L	Glass Bottle	BP2818-4

Clear colorless liquid; DNase-, RNase- and Protease-Free; Assay: $\geq 99.5\%$ (v/v); Ethyl Alcohol; C_2H_6O ; C_2H_5OH ; F.W. 46.07; CAS [64-17-5]; **Melting Point:** -114°C (-173°F);

Flash Point: 12°C (53.6°F); **Boiling Point:** 78°C (172.4°F);

Absolute (200 Proof); For nucleic acid purification and precipitation. Ultrapure molecular biology grade ethanol is used for the purification and precipitation of biomolecules such as nucleic acids and proteins.

It is also used in histology to prepare staining and destaining reagents and for dehydrating tissues prior to embedding.



Ethidium Bromide

Molecular Biology Grade



Quantity	Packaging	Cat. No.
10mL	Amber Poly Bottle	BP1302-10

Red-Brown Liquid; DNase-, RNase- and Protease-Free; $C_{21}H_{20}N_2Br$; F.W. 394.33; CAS [1239-45-8, 7732-18-5];

DOT Class 6.1: Poison; **UN:** 2810;

Recommended Storage: Room Temperature

Filtered through a 0.2-micron filter.; 1% Solution; Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes.

For visualization of DNA and RNA in electrophoresis gels and cesium chloride density gradients.



Ethidium Bromide



Quantity	Packaging	Cat. No.
1g	Amber Glass Bottle	BP102-1
5g	Amber Glass Bottle	BP102-5

$C_{21}H_{20}BrN_2$; F.W. 394.32; CAS [1239-45-8]; **Melting Point:** 260° to 262°C ; **DOT Class 6.1:** Poison; **UN:** 2811; **Recommended Storage:** Room Temperature; Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes.



Ethyl Acetate

Sequencing Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	BP1125-1

$\geq 99.9\%$; $C_4H_8O_2$; $CH_3COOCH_2CH_3$; F.W. 88.11;

CAS [141-78-6]; **Melting Point:** -83.5°C ;

Flash Point: -4°C ($+25^{\circ}\text{F}$);

Boiling Point: 75° to 78°C (167° to 171.5°F);

Density: 3.04 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1173;

Recommended Storage: Room Temperature

1.3680 to 1.3710; Solubility in water: slight



Ethylene Glycol



Quantity	Packaging	Cat. No.
1L	Glass Bottle	BP230-1
4L	Glass Bottle	BP230-4

$\geq 99\%$; 1,2-Ethanediol; $C_2H_6O_2$; $HOCH_2CH_2OH$; F.W. 62.06;

CAS [107-21-1]; **Melting Point:** -13°C ; **Flash Point:** 116°C ;

Boiling Point: 196° to 198°C ; **Density:** 2.14 (Air = 1.0);

Recommended Storage: Room Temperature

Soluble in water



Ethylenediamine Tetraacetic Acid



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	BP2482-100
500mL	Poly Bottle	BP2482-500
1L	Nalgene Poly Bottle	BP2482-1
20L	Poly CUBE	BP2482-20

Clear colorless liquid; EDTA; $C_{10}H_{16}N_2O_8$; $(HOOCCH_2)_2NCH_2CH_2N(CH_2COOH)_2$; F.W. 292.25;

CAS [60-00-4, 7732-18-5];

Recommended Storage: Room Temperature;

0.475 to 0.525M; 0.5 M Solution, **pH:** 8.0 (for DNA Work);

pH Range: 7.9 to 8.1 (at 25°C)



Ethylenediamine Tetraacetic Acid



Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP118-500

White Crystalline Powder; ≥99.5%; EDTA (Free Acid); $C_{10}H_{16}N_2O_8$; $(HOOCCH_2)_2NCH_2CH_2N(CH_2COOH)_2$; **F.W.** 292.23; **CAS** [60-00-4]; **Melting Point:** 220°C; **Density:** 0.86g/mL; **Recommended Storage:** Room Temperature; **pH:** 2.5 to 3.5 (at 25°C)



Formalde-Fresh Solution, Buffered



Quantity	Packaging	Cat. No.
4L	Poly Bottle	SF93-4
20L	PolyPac™	SF93-20

CAS [50-00-0, 67-56-1, 7732-18-5, 7558-79-4]; **Density:** >1.00g/mL; **DOT Class 9:** Miscellaneous; **UN:** 3334; **pH:** 6.9 to 7.1 (at 25°C); Soluble in water; Specially filtered for use in tissue processors. Low-odor 10% Formalin contains 4% (w/v) Formaldehyde and 0.075M Sodium Phosphate Buffer. Stabilized with 1.5% (w/v) Methanol. For use in the same tissue fixation techniques as 10% Formalin.



EDTA, Dipotassium Salt Dihydrate



Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP119-500

White Crystalline Powder; ≥99.0%; EDTA, Dipotassium Salt; $C_{10}H_{14}N_2O_8K_2 \cdot 2H_2O$; $(HOOCCH_2)_2NCH_2CH_2N(CH_2COOK)_2 \cdot 2H_2O$; **F.W.** 404.47; **CAS** [25102-12-9]; **Melting Point:** 272°C (decom); **Recommended Storage:** Room Temperature; **pH:** 4 to 5 (at 25°C); Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes.



Formalde-Fresh Solution



Quantity	Packaging	Cat. No.
4L	Poly Bottle	SF94-4
20L	PolyPac™	SF94-20

3.5 to 4.5%; **CAS** [50-00-0, 67-56-1, 7732-18-5]; **Melting Point:** 0°C (32°F); **Flash Point:** 85°C; **Boiling Point:** 93.9° to 100°C (201° to 212°F); **Density:** 1.0g/mL; Soluble in water; Specially filtered for use in tissue processors. Low-odor 10% Formalin.



EDTA, Disodium Salt Dihydrate

Electrophoresis-Grade



Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP120-500
1kg	Poly Bottle	BP120-1

Crystalline Powder; ≥99.0%; EDTA, Disodium Salt, Sodium Versenate; $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$; $(HO_2CCH_2)_2NCH_2CH_2N(CH_2CO_2Na)_2 \cdot 2H_2O$; **F.W.** 372.23; **CAS** [6381-92-6]; **Melting Point:** 252°C; **Recommended Storage:** Room Temperature; **pH:** 4.0 to 6.0 (at 25°C); Soluble in water
For minimization of metal ion impurities in reaction buffers.



Formaldehyde

Molecular Biology Grade



Quantity	Packaging	Cat. No.
25mL	Glass Bottle	BP531-25
500mL	Glass Bottle	BP531-500

36.5 to 38.0%; Formalin, Formic Aldehyde Solution, Formol, Methanal, Methylene Oxide; CH_2O ; $HCHO$; **F.W.** 30.02; **CAS** [50-00-0, 67-56-1, 7732-18-5]; **Melting Point:** -15°C (5°F); **Flash Point:** 50°C; **Boiling Point:** 97°C; **Density:** >1.0g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1198; **Recommended Storage:** Room Temperature; **pH:** 3 to 4 (at 25°C); Soluble in water
Components: 37% Formaldehyde, 15% Methyl Alcohol and 48% Water



Ficoll™ 400

Molecular Biology Grade



Quantity	Packaging	Cat. No.
5g	Poly Bottle	BP525-5
10g	Poly Bottle	BP525-10
25g	Poly Bottle	BP525-25
100g	Poly Bottle	BP525100
500g	Poly Bottle	BP525-500

White to Off-White Powder; **F.W.** ~400,000; **CAS** [26873-85-8]; **Recommended Storage:** Room Temperature



Formaldehyde Solution

ACS Grade



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	MK501602

$HCHO$; **F.W.** 30.03; **CAS** [50-00-0]; **Flash Point:** 60°C; Suitable for Histological Applications

Formaldehyde, 37% by Weight

Histological Grade



Quantity	Packaging	Cat. No.
1 gal.	Poly Bottle	F75P1-GAL

36.5 to 38.0%; Methanal, Methylene Oxide, Oxymethane, Formic Aldehyde, Methylaldehyde; CH_2O ; $HCHO$; **F.W.** 30.03; **CAS** [50-00-0, 67-56-1, 7732-18-5]; **Melting Point:** 0°C (32°F); **Flash Point:** 50°C; **Boiling Point:** 101°C; **Density:** >1.0g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1198; Soluble in water
Stabilized with 10 to 15% (v/v) Methanol.



Fluorescamine

Pure



Quantity	Packaging	Cat. No.
500mg	Glass Bottle	AC19167-5000
2.5g	Glass Bottle	AC19167-0025

Light yellow powder; $C_{17}H_{10}O_4$; **F.W.** 278.26; **CAS** [38183-12-9]; **Melting Point:** 155.0°C to 157.0°C; Solubility in water: Other solubilities: soluble in diethyl ether

Formaldehyde, 37% by Weight Certified ACS



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	F79-500
1L	Glass Bottle	F79-1
4L	Glass Bottle	F79-4
4L	Poly Bottle	F79P-4
20L	Poly Pail	F79-20
20L	PolyPac™	F79P-20
200L	Poly Drum	F79-200

36.5 to 38.0%; Methanal, Methylene Oxide, Oxymethane, Formic Aldehyde, Methylaldehyde; CH₂O; HCHO; F.W. 30.03; CAS [50-00-0, 67-56-1, 7732-18-5]; **Melting Point:** 0°C (32°F); **Flash Point:** 50°C; **Boiling Point:** 101°C; **Density:** >1.0g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1198



With Preservative; Soluble in water; Stabilized with 10-15% Methanol.

Formaldehyde, 40% by Volume USP



Quantity	Packaging	Cat. No.
4L	Poly Bottle	F77P-4
20L	Poly Pail	F77-20
20L	PolyPac™	F77P-20
200L	Steel Drum	F77-200

36.5 to 38.0%; Methanal, Methylene Oxide, Oxymethane, Formic Aldehyde, Methylaldehyde; CH₂O; HCHO; F.W. 30.03; CAS [50-00-0, 67-56-1, 7732-18-5]; **Melting Point:** 0°C (32°F); **Flash Point:** 50°C; **Boiling Point:** 101°C; **Density:** >1.0g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1198



Soluble in water; Suitable for histologic use. Stabilized with 10-15% (v/v) Methanol.

Formalin Solution Histological Grade



Quantity	Packaging	Cat. No.
4L	Poly Bottle	SF98-4
20L	PolyPac™	SF98-20

CAS [50-00-0, 67-56-1, 7732-18-5]; **Melting Point:** 0°C (32°F); **Density:** >1.0g/mL; **DOT Class 9:** Miscellaneous; **UN:** 3334; 10%; Soluble in water; Specially filtered for use in tissue processors.
4% Formaldehyde Solution.



Formalin, Buffered, 10% Certified



Quantity	Packaging	Cat. No.
4L	Poly Bottle	SF99-4
20L	PolyPac™	SF99-20

CAS [50-00-0, 67-56-1, 127-09-3, 7732-18-5]; **Flash Point:** 85°C; **Boiling Point:** 93.9° to 100°C (201° to 212°F); **Density:** 1.0g/mL; **DOT Class 9:** Miscellaneous; **UN:** 3334; Acetate Buffer; **pH:** 6.9 to 7.1 (at 25°C); Soluble in water
Specially filtered for use in tissue processors. Buffered with Sodium Acetate in accordance with A.F.I.P. Manual of Histology.



Formalin, Buffered, 10% Certified



Quantity	Packaging	Cat. No.
4L	Poly Bottle	SF100-4
20L	PolyPac™	SF100-20
200L	Poly Drum	SF100-200

Specially filtered for use in tissue processors.; Assay: 4 to 5% w/w; CAS [50-00-0, 67-56-1, 7558-79-4, 10049-21-5, 7732-18-5]; **Melting Point:** 0°C (32°F);



Flash Point: 81°C; **Boiling Point:** 93.9° to 100°C (201° to 212°F); **Density:** 1.0g/mL; **DOT Class 9:** Miscellaneous;

UN: 3334; Phosphate Buffer; **pH:** 6.9 to 7.1 (at 25°C); Soluble in water; Specially filtered for use in tissue processors. Buffered with Phosphate in accordance with A.F.I.P. Manual of Histology.

Formamide



Quantity	Packaging	Cat. No.
100mL	Amber Glass Bottle	BP228-100

Clear colorless liquid; ≥99.5%; CH₃NO; H₂NCHO; F.W. 45.04; CAS [75-12-7]; **Melting Point:** 2° to 3°C; **Boiling Point:** 210°C; **Density:** 1.133g/mL; **Recommended Storage:** 4°C; For nucleic acid hybridization and sequencing.



Formamide Molecular Biology Grade



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	BP227-100
500mL	Glass Bottle	BP227-500

Clear colorless liquid; ≥99%; CH₃NO; H₂NCHO; F.W. 45.04; CAS [75-12-7]; **Melting Point:** 2° to 3°C; **Boiling Point:** 210°C; **Density:** 1.133g/mL; **Recommended Storage:** 4°C; For nucleic acid hybridization and sequencing.



Formic Acid Sequencing Grade



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	BP1215-500

>88.0%; CH₂O₂; HCOOH; F.W. 46.02; CAS [64-18-6, 7732-18-5]; **Melting Point:** 8°C; **Flash Point:** 60°C; **Boiling Point:** 101°C; **Density:** 1.220g/mL; **DOT Class 8:** Corrosive; **UN:** 1779; **Recommended Storage:** Room Temperature; Aldehyde-free



Formalin, Buffered, 10% Certified



Quantity	Packaging	Cat. No.
4L	Poly Bottle	SF99-4
20L	PolyPac™	SF99-20

CAS [50-00-0, 67-56-1, 127-09-3, 7732-18-5]; **Flash Point:** 85°C; **Boiling Point:** 93.9° to 100°C (201° to 212°F); **Density:** 1.0g/mL; **DOT Class 9:** Miscellaneous; **UN:** 3334; Acetate Buffer; **pH:** 6.9 to 7.1 (at 25°C); Soluble in water
Specially filtered for use in tissue processors. Buffered with Sodium Acetate in accordance with A.F.I.P. Manual of Histology.



Fuchsin Acid Certified Biological Stain



Quantity	Packaging	Cat. No.
25g	Glass Bottle	F97-25

Acid Rubin, Acid Magenta, Acid Violet 19; C₂₀H₁₇N₃O₅S₃Na₂; F.W. 585.54; CAS [3244-88-0]; C.I. 42685; For use in histology and in Andrade Indicator. Optical Density is 1.10-1.26.



Fuchsin Basic Certified Biological Stain



Quantity	Packaging	Cat. No.
10g	Glass Bottle	F98-10

Fusion Basic; Magenta, Pararosaniline; C₂₀H₂₀ClN₃; CAS [632-99-5]; **Melting Point:** 250°C; **Flash Point:** 200°C; C.I. 42510; Solubility in water: insoluble; For use in histology, Feulgen reactions, and bacteriology (staining and in media).



G418 Sulfate



Quantity	Packaging	Cat. No.
5g	Amber Glass Bottle	BP673-5

White to Off-White Powder; >98%; $C_{20}H_{40}N_4O_{10} \cdot 2H_2SO_4$; **F.W.** 692.7; CAS [108321-42-2];

Recommended Storage: -20°C

Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes.

Mode of Action: Blocks polypeptide synthesis by inhibiting protein synthesis at the level of the 70S and 80S ribosomes.

For use in the selection and maintenance of cells stably transfected with neomycin resistance genes.



D-Galactose



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP656-500

White to Off-White Powder; ≥98%; $C_6H_{12}O_6$; **F.W.** 180.08; CAS [59-23-4]; **Melting Point:** 167°C;

Recommended Storage: Room Temperature

Suitable for use in cell culture systems requiring sugar additives.



Gentamycin Sulfate



Quantity	Packaging	Cat. No.
1g	Amber Glass Bottle	BP918-1

White Powder; Gentiomycin C, Garamycin; $C_{21}H_{43}N_7O_7 \cdot H_2SO_4$; **F.W.** 575.67; CAS [1405-41-0];

Melting Point: 217.8° to 237.2°C (424° to 459°F);

Recommended Storage: 4°C;

Soluble in water; Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes.

For selecting transformed cells containing gentamycin resistance gene.



Giemsa Stain Solution



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	23426520

Dark Green Powder; CAS (51811-82-6); **Melting Point:** 300°C (572°F); Soluble in water; Certified Biological Stain; For use with the MIDAS™ III Automated Stainer.

Giemsa Stain Solution



Quantity	Packaging	Cat. No.
500mL	Plastic Bottle	23749985

Azure B; Polychromatic stain; For use with the MIDAS™ III Automated Stainer.

L(+)-Glutamine



Quantity	Packaging	Cat. No.
50g	Glass Bottle	AC38603-0500

L(+)-Glutamic acid-5-amide; $C_5H_{10}N_2O_3$; $H_2NCOCH_2CH_2CH(NH_2)CO_2H$; **F.W.** 146.15; CAS [56-85-9]; **Melting Point:** 185.0°C;

Solubility in water: 35g/L (20°C). Other solubilities: practically insoluble in methanol, ethanol, ether, benzene, acetone, ethyl acetate, chloroform, soluble in mineral acids.

Glutaraldehyde Solution

Certified



Quantity	Packaging	Cat. No.
1L	Glass Bottle	BP2547-1

49.0 to 52.0%; Pentanedial, Glutaral; $C_5H_8O_2$; $HC(O)(CH_2)_3CHO$; **F.W.** 100.12; CAS [111-30-8, 7732-18-5];

Melting Point: -15°C (5°F); **Boiling Point:** 101.5°C at 740 mmHg;

Density: 1.05 (Air = 1.0); **DOT Class 6.1:** Poison;

UN: 2927; **Recommended Storage:** 4°C; **pH:** 3.7 to 4.5 (at 25°C);

Soluble in water



Glutaraldehyde Solution, 25%

Certified



Quantity	Packaging	Cat. No.
1L	Glass Bottle	02957-1
4L	Glass Bottle	02957-4

24.0 to 26.5%; 1,5-Pentanedial, Glutarol, Cidex, Glutaricdialdehyde; $C_5H_8O_2$; $HC(O)(CH_2)_3CHO$; **F.W.** 100.12;

CAS [111-30-8, 7732-18-5]; **Melting Point:** -24.44°C;

Density: 1.05; **DOT Class 6.1:** Poison; **UN:** 2810



Glutaraldehyde Solution, 50%

Certified



Quantity	Packaging	Cat. No.
1L	Glass Bottle	G151-1

49.0 to 52.0%; 1,5-Pentanedial, Glutarol, Glutaricdialdehyde, Cidex; $C_5H_8O_2$; $HC(O)(CH_2)_3CHO$; **F.W.** 100.12;

CAS [111-30-8, 7732-18-5]; **Melting Point:** -21°C;

Boiling Point: 101°C; **Density:** 1.05 (Air = 1.0);

DOT Class 6.1: Poison; **UN:** 2927; **Recommended Storage:** Refrigerate;

pH: 3.7 to 4.5 (at 25°C); Soluble in water



Glycerol

Molecular Biology Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	BP229-1
4L	Glass Bottle	BP229-4

Clear colorless liquid; DNase-, RNase- and Protease-Free; ≥99.5%; Glycerin; $C_3H_8O_3$; $HOCH_2CH(OH)CH_2OH$; **F.W.** 92.09;

CAS [56-81-5]; **Melting Point:** 20°C; **Flash Point:** 160°C;

Boiling Point: 290°C; **Density:** 3.17 (Water = 1.0);

Recommended Storage: Room Temperature

Solubility in water: miscible

For low-temperature storage of enzymes and bacterial cultures.



Glycine



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP381-500
1kg	Poly Bottle	BP381-1
5kg	Poly Pail	BP381-5

White Crystals or Crystalline Powder; 98.5 to 101.0%; Aminoacetic Acid, Aminoethanoic acid, Gyn-Hydralin, Gly; $C_2H_5NO_2$; **F.W.** 75.07; CAS [56-40-6];

Melting Point: 182° to 236°C (359.6° to 456.8°F);

Density: 1.595g/mL; **Recommended Storage:** Room Temperature; White For preparation of Tris-Glycine electrophoresis buffers. Low metal ion content: ≤10ppm.



Glycine

Ultrapure Bioreagent



Quantity	Packaging	Cat. No.
5kg	Poly Pail	02002947

NH_2CH_2COOH ; **F.W.** 75.07; CAS [56-40-6]

Glycine, Sodium Salt



Quantity	Packaging	Cat. No.
500g	Glass Bottle	AC20459-5000

99%; $C_2H_4NNaO_2$; $H_2NCH_2CO_2Na$; F.W. 97.05; CAS [6000-44-8];
Melting Point: 197.0° to 201.0°C; Solubility in water: >500g/L (20°C).
 Other solubilities: solubility in methanol: 60g/L (20°C); TSCA

D-Glycogen



Quantity	Packaging	Cat. No.
5g	Glass Bottle	BP676-5

White to Straw-Yellow Crystals; $(C_6H_{10}O_5)_n$; CAS [9005-79-2];
Recommended Storage: 4°C



Gram Staining Set



Quantity	Packaging	Cat. No.
4 x 500mL	Plastic Bottle	23750024

Complete kit containing crystal violet, iodine, decolorizer and safranin stain. For use in Gram staining of bacteria. For in vitro diagnostic use. Prepared from dyes certified by the Biological Stain Commission (BSC). For use with the MIDAS™ III Automated Stainer.

Guanidine Hydrochloride



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP178-500
1kg	Poly Bottle	BP178-1

Colorless to White Crystals;
 ≥99.5%; Guanidinium Chloride, Guanidine Chloride; CH_5N_3HCl ;
 $H_2NC(NH_2)NH_2HCl$; F.W. 95.53; CAS [50-01-1];
Melting Point: 179° to 186°C; **Density:** 1.340g/mL;
Recommended Storage: Room Temperature
 For isolation of RNA from cell extracts.



Guanidine Thiocyanate



Quantity	Packaging	Cat. No.
250g	Glass Bottle	BP221-250
1kg	Poly Bottle	BP221-1

White Crystalline Powder; ≥99.0%;
 Guanidinium Isothiocyanate; $C_2H_6N_4S$; $H_2NC(-NH)NH_2HSCN$;
 F.W. 118.16; CAS [593-84-0];
Melting Point: 118° to 122°C (244.4° to 251.6°F);
Recommended Storage: Room Temperature
 Soluble in water
 For the isolation of intact RNA from cell extracts.



Hematoxylin



Quantity	Packaging	Cat. No.
4L	Poly bottle	23021558

H&E Stain; Nuclear stain used in routine hematoxylin and eosin staining, as well as Pap staining. Mercury-free formulation; uses sodium iodate as an oxidizer. For in vitro diagnostic use. Prepared from dyes certified by the Biological Stain Commission (BSC).

Hematoxylin

Certified Biological Stain



Quantity	Packaging	Cat. No.
25g	Glass Bottle	H345-25
100g	Glass Bottle	H345-100

Natural Black 1, Hydroxybrasilin; $C_{16}H_{14}O_6$; F.W. 302.28;
 CAS [517-28-2]; **Melting Point:** 100° to 120°C; C.I. 75290
 For use in histology and cytology.



Heparin



Quantity	Packaging	Cat. No.
10mg	Poly Vial	BP2524-10
100mg	Poly Vial	BP2524-100
250mg	Poly Vial	BP2524-250

F.W. ≈ 5000; CAS [9041-08-1];
Recommended Storage: Room Temperature;
 From Porcine Intestinal Mucosa; pH: 5.0 to 7.5 (1% solution);
 Solubility in water: slight; Low Molecular Weight. Sodium Salt



Heparin Sodium



Quantity	Packaging	Cat. No.
1g	Glass Bottle	BP2425

White to Grayish-Brown Powder; Heparin Sodium Salt;
 CAS [9041-08-1]; **Recommended Storage:** Room Temperature
 Solubility in water: slight



HEPES

Molecular Biology Grade



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP310-100
500g	Poly Bottle	BP310-500
1kg	Poly Bottle	BP310-1
5kg	Poly Pail	BP310-5

Fine White Crystals; DNase-, RNase- and Protease-Free;
 ≥99%; N-(2-Hydroxyethyl)piperazine-N'-2-ethanesulfonic
 Acid; $C_8H_{18}N_2O_4S$; F.W. 238.3; CAS [7365-45-9];
Melting Point: 234° to 238°C (453.2° to 460.4°F);
Recommended Storage: Room Temperature; Soluble in water;
 Commonly used buffering agent.



HEPES

Biochemical Grade



Quantity	Packaging	Cat. No.
5kg	Plastic Drum	AC17257-0050

99%; 4-(2-Hydroxyethyl)piperazine-1-ethanesulfonic acid; $C_8H_{18}N_2O_4S$;
 F.W. 238.30; CAS [7365-45-9]; **Melting Point:** 234.0° to 238.0°C;
 Solubility in water: soluble.

HEPES

Ultrapure Bioreagent



Quantity	Packaging	Cat. No.
500g	Poly bottle	02002971

$C_8H_{18}N_2O_4S$; F.W. 238.31; CAS [7365-45-9]; Free Acid

HEPES Buffer

Molecular Biology Grade

F

Quantity	Packaging	Cat. No.
100mL	Poly Bottle	BP299-100
500mL	Poly Bottle	BP299-500
1L	Nalgene Poly Bottle	BP299-1

Clear colorless liquid; DNase-, RNase- and Protease-Free; N-(2-Hydroxyethyl)piperazine-N'-2-ethanesulfonic Acid; $C_8H_{18}N_2O_6S$; **F.W.** 238.197; **CAS** [7365-45-9, 7732-18-5]; **Recommended Storage:** Room Temperature; 0.95 to 1.05M; 1M Solution, **pH:** 7.2 to 7.4 (at 37°C) Commonly used buffering agent.

ChemAlert®
Storage Code
GRAY

L-Histidine

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP382-100

White Crystals or Crystalline Powder; 98.5 to 101.0%; $C_6H_9N_3O_2$; **F.W.** 155.16; **CAS** [71-00-1]; **Melting Point:** 282°C; **Recommended Storage:** Room Temperature

ChemAlert®
Storage Code
GRAY

L-Histidine Hydrochloride Monohydrate

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP383-100

White Crystals or Crystalline Powder; $C_6H_9N_3O_2 \cdot HCl \cdot H_2O$; **F.W.** 209.64; **CAS** [5934-29-2]; **Recommended Storage:** Room Temperature

ChemAlert®
Storage Code
GRAY

Hyamine Hydroxide

F

Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	BP2658-500

Clear Solution; Tissue Solubilizer, Hydroxide of Hyamine; $C_8H_{18}NO_3$; **F.W.** 443.7; **CAS** [26248-39-5]; **Flash Point:** 11°C; **DOT Class 3:** Flammable Liquid; **UN:** 2924; **Recommended Storage:** Room Temperature Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes. Used to trap CO_2 and as a solubilizer for biological tissue and polyacrylamide gel slices. This product is a 1M solution of methyl benzothionium hydroxide in methanol.

ChemAlert®
Storage Code
RED

Hydrogen Peroxide

F

Quantity	Packaging	Cat. No.
500mL	Poly Bottle	BP2633-500

(as H_2O_2 , %wt): 29.0 to 32.0%; Hydrogen Dioxide, Hydroperoxide; H_2O_2 ; **F.W.** 34.01; **CAS** [7722-84-1, 7732-18-5]; **Melting Point:** -33°C; **Boiling Point:** 108°C; **Density:** 1.10g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 2014; **Recommended Storage:** Room Temperature

ChemAlert®
Storage Code
YELLOW

Hydroxynaphthol Blue

Certified

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	H346-100

1-(2-Naphtholazo-3,6-disulfonic Acid)-2-naphthol-4-sulfonic Acid Disodium Salt; $C_{20}H_{11}N_2Na_3O_{11}S_3$; **F.W.** 620.47; **CAS** [63451-35-4]; Used as an indicator for EDTA titrimetric determination of calcium. Color changes from reddish pink to blue.

ChemAlert®
Storage Code
GRAY

Hydroxynaphthol Blue

ACS Grade, USP, NF

M

Quantity	Packaging	Cat. No.
100g	Glass Bottle	MHX08483
Granular; $C_{20}H_{11}N_2O_{11}S_3Na_3$; F.W. 62.48; Blue violet		

Imidazole

Molecular Biology Grade

F

Quantity	Packaging	Cat. No.
50g	Poly Bottle	BP305-50

DNase-, RNase- and Protease-Free; ≥99%; 1,3-Diaza-2,4-cyclopentadiene, Glyoxaline; $C_3H_4N_2$; **HNCH:CHN:CH**; **F.W.** 68.08; **CAS** [288-32-4]; **Melting Point:** 86° to 90°C (186.8° to 194°F); **Flash Point:** 145°C; **DOT Class 8:** Corrosive; **UN:** 3263; **Recommended Storage:** Room Temperature; **Application:** Soluble in water; Commonly used buffering agent.

ChemAlert®
Storage Code
WHITE

Iodine Solution

M

Quantity	Packaging	Cat. No.
4 × 500mL	Plastic Bottle	23750027

Individual replacement for the iodine component of the Gram Staining Set. Chemically binds crystal violet stain to the cell wall. For use with the MIDAS™ III Automated Stainer.

L-Isoleucine

F

Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP384-100

White Crystals or Crystalline Powder; 98.5 to 101.0%; $C_6H_{13}NO_2$; **F.W.** 131.17; **CAS** [73-32-5]; **Melting Point:** 284° to 286°C (543.2° to 546.8°F); **Recommended Storage:** Room Temperature

ChemAlert®
Storage Code
GRAY

Isopropanol, 99.9%

HPLC Grade

F

Quantity	Packaging	Cat. No.
4L	Amber Glass Bottle, EcoSafPak™	BP2632-4

Also meets ACS specifications; 2-Propanol, Isopropyl Alcohol; C_3H_8O ; $(CH_3)_2CHOH$; **F.W.** 60.10; **CAS** [67-63-0]; **Melting Point:** -89.5°C (-129.1°F); **Boiling Point:** 81° to 83°C; **Density:** 0.785g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1219; **Recommended Storage:** Room Temperature; Colorless; **Refractive Index:** 1.3740 to 1.3760; Submicron Filtered.

SOLVENT
ChemAlert®
Storage Code
RED

Isopropyl-β-D-thiogalactopyranoside

F

Quantity	Packaging	Cat. No.
1g	Glass Bottle	BP1755-1
10g	Glass Bottle	BP1755-10
100g	Glass Bottle	BP1755-100

≥99% (by TLC); IPTG; $C_8H_{16}O_6S$; **F.W.** 238.31; **CAS** [367-93-1]; **Melting Point:** 105°C; **Flash Point:** 110°C; **Recommended Storage:** 4°C; Dioxane-free; Soluble in water; For blue-white selection of recombinant bacterial colonies. IPTG is commonly used in cloning procedures that require induction of β-galactosidase activity. It is used in conjunction with X-gal in blue-white selection of recombinant bacterial colonies that induce expression of the lac operon in *Escherichia coli*.

ChemAlert®
Storage Code
GRAY

Isopropyl-β-D-thiogalactopyranoside



Quantity	Packaging	Cat. No.
1g	Glass Bottle	BP1620-1
10g	Glass Bottle	BP1620-10

White Powder, Dioxane Crystallized; IPTG; C₉H₁₈O₅S;
F.W. 238.3; CAS [123-91-1, 367-93-1];

Melting Point: 122° to 126°C (251.6° to 258.8°F);

Flash Point: 110°C; **Recommended Storage:** -20°C

For blue-white selection of recombinant bacterial colonies. IPTG is commonly used in cloning procedures that require induction of galactosidase activity. It is used in conjunction with X-gal in blue-white selection of recombinant bacterial colonies that induce expression of the lac operon in *Escherichia coli*.

Gelation Temperature: <35°C

Melting Temperature: <65°C



LB Broth, Lennox (Granulated)



Quantity	Packaging	Cat. No.
5kg	Poly Pail	BP9722-5

Solid; CAS [91079-40-2, 8013-01-2];

Recommended Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

LB Broth, Lennox (Pre-Buffered Capsules)



Quantity	Packaging	Cat. No.
5kg	Capsules	BP9730-5

Solid; CAS [91079-40-2, 8013-01-2];

Recommended Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

Kanamycin Sulfate



Quantity	Packaging	Cat. No.
5g	Poly Bottle	BP906-5

White Powder; C₁₈H₃₈N₄O₁₁·H₂SO₄; **F.W.** 582.58;

CAS [25389-94-0]; **Recommended Storage:** Room Temperature; **pH:** 6.5 to 8.5 (1% solution); Soluble in water;

Not on TSCA inventory; for R and D use only; not for manufacturing or commercial purposes.

For selecting transformed cells containing kanamycin resistance gene.



LB Broth, Miller (Granulated)



Quantity	Packaging	Cat. No.
5kg	Poly Pail	BP9723-5

Solid; CAS [7647-14-5, 91079-40-2];

Recommended Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

LB Broth, Miller (Pre-Buffered Capsules)



Quantity	Packaging	Cat. No.
5kg	Poly Pail	BP9731-5

Solid; CAS [7647-14-5, 91079-40-2];

Recommended Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

Kanamycin Sulfate



Quantity	Packaging	Cat. No.
10g	Glass Bottle	AC45081-0100
50g	Glass Bottle	AC45081-0500
100g	Glass Bottle	AC45081-1000

C₁₈H₃₈N₄O₁₁·H₂SO₄; **F.W.** 582.59; CAS [25389-94-0];

Solubility in water: soluble.

Kanamycin Sulfate



Quantity	Packaging	Cat. No.
5g	AcroSeal™ Glass Bottle	AC61129-0050

C₁₈H₃₈N₄O₁₁·H₂SO₄; **F.W.** 582.59; CAS [25389-94-0]; **pH:** 6.5 to 8.5

Solubility in water: Soluble

Lactophenol Cotton Blue



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	MR0346570

Liquid; Dark Blue, Clear; Fungi Stain

LB Agar, Lennox (Granulated)



Quantity	Packaging	Cat. No.
2kg	Poly Pail	BP9745-2
500g	Poly Bottle	BP9745-500

Solid (Beige); CAS [9002-18-0, 7647-14-5]; **Recommended Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place.

Lipoprotein



Quantity	Packaging	Cat. No.
2mg	----	AAJ650298PL

Liquid; 99%; Ac-LDL; Acetylated LDL;

Recommended Storage: 2° to 8°C; low density, acetylated, human plasma

Lipoprotein



Quantity	Packaging	Cat. No.
2mg	----	AAJ655918PL

Liquid; 99%; Ox-LDL; Oxidized LDL; **Recommended Storage:** 2° to 8°C;

low density, oxidized, human plasma

Lithium Dodecyl Sulfate Molecular Biology Grade

F	Quantity	Packaging	Cat. No.
	25g	Glass Bottle	BP1309-25

Powder or Flakes; ≥99%; C₁₂H₂₆O₄SLi; CH₃(CH₂)₁₁OSO₃Li; **F.W.** 273.18; **CAS** [2044-56-6]; **Boiling Point:** 65.56°C; **Recommended Storage:** Room Temperature

ChemAlert®
Storage Code
GRAY

L-Lysine

ACROS ORGANICS	Quantity	Packaging	Cat. No.
	500g	Glass Bottle	AC30334-5000

98%; L-(+)-Lys, L-(+)-2,6-Diaminocaproic acid, L-(+)-2,6-Diaminohexanoic acid, (S)-2,6-Diaminocaproic acid; C₆H₁₄N₂O₂; **F.W.** 146.19; **CAS** [56-87-1]; **Melting Point:** 214.0° to 216.0°C

L-Lysine Hydrochloride

F	Quantity	Packaging	Cat. No.
	100g	Glass Bottle	BP386-100

White Powder; 98.5 to 100.5%; C₆H₁₄N₂O₂·HCl; **F.W.** 182.65; **CAS** [657-27-2]; **Melting Point:** 263° to 264°C; **Recommended Storage:** Room Temperature

ChemAlert®
Storage Code
GRAY

Magnesium Acetate Tetrahydrate

F	Quantity	Packaging	Cat. No.
	500g	Poly Bottle	BP215-500

≥99.0%; C₄H₆O₄Mg·4H₂O; (CH₃COO)₂Mg·4H₂O; **F.W.** 214.46; **CAS** [16674-78-5]; **Melting Point:** 80°C; **Density:** 1.45g/mL; **Recommended Storage:** Room Temperature; **pH:** 6.5 to 8.5 (at 25°C)

ChemAlert®
Storage Code
GRAY

Magnesium Chloride Hexahydrate

F	Quantity	Packaging	Cat. No.
	500g	Poly Bottle	BP214-500

≥99.0%; Cl₂Mg·6H₂O; **F.W.** 203.31; **CAS** [7786-30-3, 7791-18-6]; **Melting Point:** 117°C; **Density:** 1.56g/mL; **Recommended Storage:** Room Temperature
Soluble in water

ChemAlert®
Storage Code
GRAY

Magnesium Sulfate Heptahydrate

F	Quantity	Packaging	Cat. No.
	1kg	Poly Bottle	BP213-1

98.0 to 102.0%; MgSO₄·7H₂O; **F.W.** 246.47; **CAS** [10034-99-8]; **Density:** 1.68g/mL; **Recommended Storage:** Room Temperature; **pH:** 5.0 to 8.2 (at 25°C)

ChemAlert®
Storage Code
GRAY

Malachite Green Oxalate Certified Biological Stain

F	Quantity	Packaging	Cat. No.
	25g	Glass Bottle	M290-25

Basic Green 4; C₁₈H₁₄N₆O₅SNa; **F.W.** 327.33; **CAS** [547-58-0]; **Melting Point:** >300°C; **Density:** 1g/mL; **Poison:** DOT Class 6.1; **UN:** 2811; **C.I.** 42000; **Recommended Storage:** Room Temperature
Suitable for use in histology, bacteriology (staining).

ChemAlert®
Storage Code
BLUE

D-(+)-Maltose Monohydrate

F	Quantity	Packaging	Cat. No.
	500g	Poly Bottle	BP684-500

White to Off-White Powder; ≥97%; C₁₂H₂₂O₁₁·H₂O; **F.W.** 360.29; **CAS** [6363-53-7]; **Melting Point:** 130°C; **Density:** 1.54g/mL; **Recommended Storage:** Room Temperature

ChemAlert®
Storage Code
GRAY

Manganese Chloride Molecular Biology Grade

F	Quantity	Packaging	Cat. No.
	100mL	Poly Bottle	BP541-100

Clear, Light Pink Liquid; Manganese Dichloride, Manganous Chloride; **CAS** [7732-18-5, 7773-01-5]; **Recommended Storage:** Room Temperature; 0.99 to 1.01M; 1.0M Solution; 0.2-micron filtered solution in 18-megohm water.

ChemAlert®
Storage Code
GRAY

May-Grunwald Solution Certified Biological Stain

M END MELLORIDE	Quantity	Packaging	Cat. No.
	4L (approx. 1 gal.)	Poly Bottle	M66085

HARLECO™ Hematology Stain
Blood stain producing results similar to Wright Stain. May be used in conjunction with Giemsa Stain for bone marrow preparations. For in vitro diagnostic use. Prepared from dyes certified by the Biological Stain Commission (BSC).

2-Mercaptoethanol Electrophoresis Grade

F	Quantity	Packaging	Cat. No.
	89.74mL (100g)	Amber Glass Bottle/Poison Pack	BP176-100

≥98%; 2-Hydroxy-1-ethanethiol, 2-Hydroxyethyl mercaptan, Thioglycol; C₂H₆OS; HSCH₂CH₂OH; **F.W.** 78.13; **CAS** [60-24-2]; **Melting Point:** -100°C (-148°F); **Boiling Point:** 157° to 158°C; **Density:** 1.110g/mL; **DOT Class 6.1:** Poison; **UN:** 2966; **Recommended Storage:** Room Temperature

ChemAlert®
Storage Code
RED

MES

F	Quantity	Packaging	Cat. No.
	100g	Glass Bottle	BP300-100

Fine White Crystals; DNase- and RNase-Free; ≥98%; 2-(4-Morpholino)ethane Sulfonic Acid, 2-(N-Morpholino)ethanesulfonic acid hydrate; C₈H₁₃NO₄·S·H₂O; **F.W.** 213.2; **CAS** [145224-94-8]; **Melting Point:** >300°C; **Recommended Storage:** Room Temperature
Commonly used buffering agent.

ChemAlert®
Storage Code
GRAY

MES Hydrate Biochemical Grade

ACROS ORGANICS	Quantity	Packaging	Cat. No.
	100g	Plastic Bottle	AC17259-1000
	500g	Plastic Bottle	AC17259-5000

≥99%; C₈H₁₃NO₄·xH₂O; **F.W.** 195.23; **CAS** [1266615-59-1]; **Melting Point:** 243.0°C; Solubility in water: soluble; TSCA

MES Monohydrate Biochemical Grade

ACROS ORGANICS	Quantity	Packaging	Cat. No.
	100g	Plastic Bottle	AC32776-1000

≥99%; 2-(N-Morpholino)ethanesulfonic acid monohydrate; C₈H₁₃NO₄·H₂O; **F.W.** 213.25; **CAS** [145224-94-8]; **Melting Point:** >300.0°C

Methanol Sequencing Grade



Quantity	Packaging	Cat. No.
1L	Glass Bottle	BP1105-1
4L	Glass Bottle	BP1105-4

Liquid; Peroxides: $\leq 0.001\%$; $\geq 99.9\%$; Methyl Alcohol; CH_4O ; CH_3OH ; **F.W.** 32.04; **CAS** [67-56-1]; **Melting Point:** -98°C (-144.4°F); **Flash Point:** 12°C (53.6°F); **Boiling Point:** 64.7°C ; **Density:** 1.11 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1230; **Recommended Storage:** Room Temperature Peroxide-free; **Refractive Index:** 1.326 to 1.330; Solubility in water: miscible; Suitable for staining and destaining protein electrophoresis gels, in HPLC, and in other biological applications.



L-Methionine



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP388-100

White Crystals or Crystalline Powder; 98.5 to 100.5%; $\text{C}_5\text{H}_{11}\text{NO}_2\text{S}$; **F.W.** 149.21; **CAS** [63-68-3]; **Melting Point:** 276° to 279°C ; **Recommended Storage:** Room Temperature



Methyl Green, Zinc Chloride Salt

Pure



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC41438-1000

C.I. 42590, Ethyl Green, zinc chloride salt; $\text{C}_{27}\text{H}_{35}\text{BrClN}_3\text{xZnCl}_2$; **F.W.** 653.23; **CAS** [7114-03-6]; **Melting Point:** 233.0°C ; **UN:** 3147; Solubility in water: 70g/L (20°C).



Methyl Orange Certified ACS



Quantity	Packaging	Cat. No.
25g	Glass Bottle	M216-25
500g	Poly Bottle	M216-500

Sodium p-Dimethylaminoazobenzenesulfonate, Helianthin; $\text{C}_{14}\text{H}_{14}\text{N}_4\text{O}_3\text{SNa}$; 4-NaOSO₂C₆H₄N:NC₆H₄-4-N(CH₃)₂; **F.W.** 327.33; **CAS** [547-58-0]; **Melting Point:** $>300^\circ\text{C}$; **Density:** 1g/mL; **DOT Class 6.1:** Poison; **UN:** 3143; **C.I.** 13025



Methyl Orange Solution, 0.1% (w/v) Certified



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SM54-500

Acid Orange 52, Benzenesulfonic Acid Sodium Salt; **CAS** [547-58-0, 6381-92-6, 7732-18-5]; **Density:** 1g/mL; **C.I.** 13025; 0.05 to 0.15%; **pH:** 5.0 to 6.5 (at 25°C)



Methyl Red, Sodium Salt Certified ACS



Quantity	Packaging	Cat. No.
10g	Glass Bottle	M301-10

Acid Red 2, Sodium Salt; $\text{C}_{15}\text{H}_{14}\text{N}_2\text{O}_2\text{Na}$; 4-(CH₃)₂NC₆H₄-N-N-2-(CO₂Na)C₆H₄; **F.W.** 291.28; **CAS** [845-10-3]; **Melting Point:** 18.4°C (65°F)



Methylene Blue Certified Biological Stain



Quantity	Packaging	Cat. No.
25g	Glass Bottle	M291-25
100g	Glass Bottle	M291-100

Basic Blue 9; $\text{C}_{16}\text{H}_{18}\text{ClN}_3\text{S}\cdot 3\text{H}_2\text{O}$; **F.W.** 373.90; **CAS** [7220-79-3]; **Melting Point:** 190°C ; **Density:** 13 (Air = 1.0); **C.I.** 52015; Solubility in water: slight; For use in histology, bacteriology (staining), compounding of blood stains.



Methylene Blue



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP117-100

$\text{C}_{16}\text{H}_{18}\text{ClN}_3\text{S}\cdot 3\text{H}_2\text{O}$; **F.W.** 373.90; **CAS** [7220-79-3]; **Melting Point:** 190°C ; **Density:** 13 (Air = 1.0); **C.I.** 52015; **Recommended Storage:** Room Temperature Solubility in water: slight



Methylene Blue Trihydrate USP



Quantity	Packaging	Cat. No.
100g	Glass Bottle	M235-100

Crystalline; Basic Blue 9 Trihydrate; $\text{C}_{16}\text{H}_{18}\text{ClN}_3\text{S}\cdot 3\text{H}_2\text{O}$; **F.W.** 373.90; **CAS** [7220-79-3]; **Melting Point:** 190°C ; **Density:** 13 (Air = 1.0) Solubility in water: slight



Methylene Chloride



Quantity	Packaging	Cat. No.
4L	Glass Bottle	BP1186-4

$\geq 99.9\%$; Dichloromethane, DCM; CH_2Cl_2 ; **F.W.** 84.93; **CAS** [110-83-8, 513-35-9, 67-56-1, 75-09-2]; **Melting Point:** -97°C (-142°F); **Boiling Point:** 40°C ; **Density:** 2.93 (Air = 1.0); **DOT Class 6.1:** Poison; **UN:** 1593; **Recommended Storage:** Room Temperature; Pentene Preservative; **Refractive Index:** 1.4200 to 1.4230



N-Methylpyrrolidinone



Quantity	Packaging	Cat. No.
4L	Glass Bottle	BP1172-4
19L	NOWPak™ I (Plastic Exterior)	BP1172N1-19

Clear colorless liquid; (by GC): $\geq 99.8\%$; N-Methyl-2-Pyrrolidinone, NMP; $\text{C}_5\text{H}_9\text{NO}$; **F.W.** 99.13; **CAS** [872-50-4]; **Melting Point:** -24°C ; **Flash Point:** 91°C ; **Boiling Point:** 202°C ; **Density:** 3.4 (Air = 1.0); **Recommended Storage:** Room Temperature Soluble in water; For automated oligonucleotide synthesis.



Mineral Oil



Quantity	Packaging	Cat. No.
1L	Glass Bottle	BP2629-1

Liquid Petrolatum, Liquid Paraffin; **CAS** [8042-47-5]; **Flash Point:** 160°C ; **Boiling Point:** 260° to 427°C (500° to 800.1°F); **Density:** 0.83g/mL; **Recommended Storage:** Room Temperature; Clear, Viscous Liquid; Solubility in water: insoluble



Minocycline Hydrochloride



Quantity	Packaging	Cat. No.
1g	Glass Bottle	AC45533-0010

97%; 7-Dimethylamino-6-demethyl-6-deoxytetracycline; $C_{23}H_{27}N_3O_7 \cdot HCl$; **F.W.** 493.94; CAS [13614-98-7]; Solubility in water: slightly soluble
Solubility in other solvents: soluble in DMF and methanol

Mitomycin C



Quantity	Packaging	Cat. No.
2mg	Amber Glass Bottle	BP2531-2
10mg	Amber Glass Bottle	BP2531-10

Blue Powder; $\geq 98.0\%$; $C_{15}H_{18}N_4O_5$; **F.W.** 334.3; CAS [50-07-7]; **Melting Point:** 360°C (680°F); **Recommended Storage:** 4°C; Soluble in water; Antibacterial spectrum: gram positive, gram negative, acid-fast bacilli. Potency: $\geq 850\mu g/mg$.



Molecular Sieves, Grade 514



Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP2631-500

Aluminum Sodium Silicate; CAS [1344-00-9, 1344-01-0, 12736-96-8, 1332-58-7, 14808-60-7]; **Density:** 2.1g/mL; **Recommended Storage:** Room Temperature; 8 to 12 Mesh; Type 4A; Effective pore size: 4Å. Base: Alumina-Silicate Cation: Sodium



MOPS

Molecular Biology Grade



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP308-100
500g	Poly Bottle	BP308-500

Fine White Crystals; DNase-, RNase- and Protease-Free; $\geq 97\%$; 3-(4-Morpholino)propane sulfonic acid; $C_7H_{15}NO_4S$; $CH_2CH_2OCH_2CH_2N(CH_2)_3SO_3H$; **F.W.** 209.26; CAS [1132-61-2]; **Melting Point:** 277° to 282°C (530.6° to 539.6°F); **Flash Point:** 116°C; **Recommended Storage:** Room Temperature; Soluble in water; Commonly used buffering agent.



MOPS

Biochemical Grade



Quantity	Packaging	Cat. No.
100g	Plastic Bottle	AC17263-1000
500g	Plastic Bottle	AC17263-5000

99%; 3-(N-Morpholino)propanesulfonic acid; $C_7H_{15}NO_4S$; **F.W.** 209.26; CAS [1132-61-2]; **Melting Point:** 277.0° to 282.0°C; **Flash Point:** 116°C Solubility in water: 1000g/L (20°C). Other solubilities: <10g/L ethanol (20°C); TSCA

p-Naphtholbenzein Indicator Solution



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	SN1-500

CAS [145-50-6, 108-88-3, 67-63-0, 7732-18-5]; **Flash Point:** 2°C; **Density:** 0.83g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1993



Ninhydrin

Certified ACS



Quantity	Packaging	Cat. No.
10g	Glass Bottle	T349-10

Crystalline; 1,2,3-Triketohydrindene Hydrate, 1H-Indene-1,2,3, trione Monohydrate; $C_9H_6O_4$; $C_8H_4-1,2-(CO)_2CO \cdot H_2O$; **F.W.** 178.15; CAS [485-47-2]; **Density:** 0.86g/mL



Ninhydrin



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC16587-1000
500g	Glass Bottle	AC16587-5000

1,2,3-Indantrione, 1,2,3-Triketohydrindene, 2,2-Dihydroxy-1H-indene-1,3(2H)-dione, 1H-Indene-1,2,3-trione; $C_9H_6O_4$; **F.W.** 178.14; CAS [485-47-2]; **Melting Point:** 250.0°C Solubility in water: soluble. Other solubilities: soluble in alcohol, slightly soluble in ether and chloroform; TSCA

Nystatin



Quantity	Packaging	Cat. No.
5g	Amber Glass Bottle	BP2949-5

Dry, White or Almost White Powder; $C_{27}H_{75}NO_{17}$; **F.W.** 926.1; CAS [1400-61-9]; **Melting Point:** >160°C **pH:** 6.0 to 8.0 (at 25°C) Alters membrane permeability and allows potassium ion leakage.



n-Octyl-β-D-Glucopyranoside



Quantity	Packaging	Cat. No.
25g	Amber Poly Bottle	BP585-25

White Crystalline Powder; $\geq 98\%$; $C_{14}H_{28}O_6$; **F.W.** 292.4; CAS [29836-26-8]; **Melting Point:** 105°C; **Recommended Storage:** -20°C; Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes.



Penicillin/Streptomycin Mixture



Quantity	Packaging	Cat. No.
50mL	Plastic Bottle	BP2959-50

Liquid; CAS [3810-74-0, 69-57-8, 7647-14-5, 7732-18-5]; **pH:** 5.0 to 7.0; Interferes with synthesis of bacterial cell wall. Inhibits protein synthesis; binds to 30S ribosomal subunit.



Penicillin/Streptomycin/Glutamine Mixture



Quantity	Packaging	Cat. No.
50mL	Plastic Bottle	BP2960-50

Liquid; CAS [3810-74-0, 69-57-8, 7647-14-5, 56-85-9, 7732-18-5]; **pH:** 6.0 to 7.0 Interferes with synthesis of bacterial cell wall. Inhibits protein synthesis. Interferes with bacterial cell division.



Peptone



Quantity	Packaging	Cat. No.
5kg	Poly Pail	BP9725-5

Solid; CAS [73049-73-7]; **Recommended Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place.

Phenol



Quantity	Packaging	Cat. No.
100g	Amber Glass Bottle/Poison Pack	BP226-100
500g	Amber Glass Bottle/Poison Pack	BP226-500

Crystalline; $\geq 99.0\%$; Carboic Acid, Oxybenzene; C_6H_6O ; C_6H_5OH ; **F.W.** 94.11; **CAS** [108-95-2]; **Melting Point:** 39° to 42°C (102.2° to 107.6°F); **Flash Point:** 79°C; **Boiling Point:** 182°C; **Density:** 3.2; **DOT Class 6.1:** Poison; **UN:** 1671; **Recommended Storage:** 4°C;



Phenol, Saturated



Quantity	Packaging	Cat. No.
100mL	Coated Amber Glass Bottle/Poison Pack	BP1750I-100
400mL	Coated Amber Glass Bottle/Poison Pack	BP1750I-400

Liquid; DNase- and RNase-Free; $\geq 99.0\%$; **CAS** [108-95-2 (Phenol), 6381-92-6 (Ethylenediaminetetraacetic acid, disodium salt dihydrate), 77-86-1 (Tris (hydroxymethyl) aminomethane)]; **Flash Point:** 79°C; **DOT Class 6.1:** Poison; **UN:** 2821; **Recommended Storage:** 4°C; **pH:** 6.4 to 6.8 (at 25°C); Directions for Use:



For most DNA applications: 1) Add the entire contents of the small bottle of buffer to the large bottle of saturated phenol and gently mix. 2) Allow the layers to separate before use, about 2 to 4 hours. 3) The pH of the saturated phenol solution is now 7.9 ± 0.2 . 4) After the addition of the buffer, the solution is stable for more than six months when stored at 4°C.

For DNA and RNA applications where a lower pH is more suitable: 1) The large bottle of saturated phenol should be used directly with no additions. 2) The pH of the large bottle of saturated phenol is 6.6 ± 0.2 and is stable for more than one year when stored at 4°C. Capped with a layer of buffer.

Phenol, Saturated



Quantity	Packaging	Cat. No.
100mL	Coated Amber Glass Bottle/Poison Pack	BP1751I-100
400mL	Coated Amber Glass Bottle/Poison Pack	BP1751I-400

Liquid, **pH** 4.3; $\geq 99.0\%$; **CAS** [108-95-2]; **Flash Point:** 79.4°C; **DOT Class 6.1:** Poison; **UN:** 2821; **Recommended Storage:** 4°C; **pH Range:** 4.1 to 4.5 (at 25°C); Soluble in water; For RNA purification. Capped with a layer of buffer.



Phenol Red, Free Acid

Certified ACS



Quantity	Packaging	Cat. No.
10g	Glass Bottle	P74-10

Phenosulfohephthalein, 4,4'-(3H-2,1-Benzoxathiol-3-ylidene) bisphenol S,S-Dioxide; $C_{19}H_{14}O_5S$; $C_6H_4SO_2OC(C_6H_4-4-OH)_2$; **F.W.** 354.39; **CAS** [143-74-8]; **Melting Point:** $>300^\circ\text{C}$; pH indicator.



Phenol Red, Sodium Salt

Certified ACS



Quantity	Packaging	Cat. No.
10g	Glass Bottle	P391-10

Phenosulfonephthalein Sodium Salt; $C_{19}H_{13}O_5S\cdot Na$; $C_6H_4SO_2OC(C_6H_4-4-OH)(C_6H_4-4-ONa)$; **F.W.** 376.37; **CAS** [34487-61-1]; **Melting Point:** 285°C (decom); pH indicator.



Phenol Red, Sodium Salt

Pure



Quantity	Packaging	Cat. No.
100g	Glass Bottle	AC15144-1000

$C_{19}H_{13}NaO_5S$; **F.W.** 376.35; **CAS** [34487-61-1]; **Melting Point:** 285.0°C; Solubility in water: soluble

Phenol/Chloroform/Isoamyl Alcohol



Quantity	Packaging	Cat. No.
100mL	Coated Amber Glass Bottle/Poison Pack	BP1754I-100
400mL	Coated Amber Glass Bottle/Poison Pack	BP1754I-400

CAS [123-51-3]; **DOT Class 6.1:** Poison; **UN:** 2821; **Recommended Storage:** 4°C; 125:24:1 Mixture; **pH:** 4.3



Phenol/Chloroform/Isoamyl Alcohol



Quantity	Packaging	Cat. No.
100mL	Coated Amber Glass Bottle/Poison Pack	BP1753I-100
400mL	Coated Amber Glass Bottle/Poison Pack	BP1753I-400

Liquid; **CAS** [67-66-3]; **DOT Class 6.1:** Poison; **UN:** 2821; **Recommended Storage:** 4°C; **pH:** 4.9 to 5.5 (at 25°C)



Phenol/Chloroform/Isoamyl Alcohol



Quantity	Packaging	Cat. No.
100mL	Coated Amber Glass Bottle/Poison Pack	BP1752I-100
400mL	Coated Amber Glass Bottle/Poison Pack	BP1752I-400

Liquid; $\geq 99.0\%$; **CAS** [108-95-2]; **DOT Class 6.1:** Poison; **UN:** 2821; **Recommended Storage:** 4°C; **pH:** 6.5 to 6.9 (at 25°C); For extraction of proteins from crude nucleic acid preparations.



Phenolphthalein

Certified ACS



Quantity	Packaging	Cat. No.
100g	Glass Bottle	P79-100
500g	Poly Bottle	P79-500

3,3-Bis(p-hydroxyphenyl)-1(3H)-isobenzofuranone, 3,3-Bis(p-hydroxyphenyl) Phthallide; $C_{20}H_{14}O_4$; $C_6H_4COOC(C_6H_4-4-OH)_2$; **F.W.** 318.33; **CAS** [77-09-8]; **Melting Point:** 258° to 263°C (496.4° to 505.4°F); **Density:** 1.3g/mL; Solubility in water: insoluble



Phenolphthalein Solution, Alcoholic 0.5%



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SP50-1

Concentration: 0.5%; **CAS** [67-63-0, 77-09-8, 7732-18-5]; **Melting Point:** -89°C; **Flash Point:** 21.7°C (71.1°F); **Boiling Point:** 83°C; **Density:** 2.1; **DOT Class 3:** Flammable Liquid; **UN:** 1219; **Concentration Range:** 0.45 to 0.55% Soluble in water



Phenolphthalein Solution, Alcoholic, 1.0%



Quantity	Packaging	Cat. No.
1L	Glass Bottle	SP62-1
500mL	Glass Bottle	SP62-500

CAS [77-09-8, 67-63-0]; **Melting Point:** -89°C; **Flash Point:** 12°C; **Boiling Point:** 83°C; **Density:** 0.79g/mL; **DOT Class 3:** Flammable Liquid; **UN:** 1219; 0.7 to 1.3%; Volumetric indicator.



L-Phenylalanine

Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP391-100

White Crystals or Crystalline Powder; 98.5 to 100.5%; $C_9H_9NO_2$; **F.W.** 165.19; CAS [63-91-2]; **Melting Point:** 270° to 275°C; **Density:** 0.754g/mL; **Recommended Storage:** Room Temperature

ChemAlert! Storage Code GRAY

L-Phenylalanine

Quantity	Packaging	Cat. No.
2.5kg	Plastic Bottle	AC13031-0025

≥98.5%; L-2-Amino-3-phenylpropionic acid; $C_9H_9NO_2$; $C_6H_5CH_2CH(NH_2)CO_2H$; **F.W.** 165.19; CAS [63-91-2]; **Melting Point:** 270.0° to 275.0°C; Solubility in water: 27g/L (20°C). Other solubilities: very slightly soluble in methanol, ethanol

ACROS ORGANICS

Phorbol 12-Myristate 13-Acetate

Quantity	Packaging	Cat. No.
1mg	Glass Ampule	BP685-1

Clear or Whitish Film; ≥99.0%; PMA; $C_{36}H_{56}O_8$; **F.W.** 616.8; CAS [16561-29-8]; **Recommended Storage:** -20°C; Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes.; Film adheres to inside of vial.

ChemAlert! Storage Code GRAY

Phosphate Buffered Saline

Quantity	Packaging	Cat. No.
10L	Poly Bottle	BP661-10
50L	Poly Bottle	BP661-50

White Granular Powder; DNase-, RNase- and Protease-Free; PBS; CAS [7647-14-5, 7558-79-4, 7778-77-0, 7447-40-7]; **Recommended Storage:** Room Temperature; 1X Powder Concentrate; **pH:** 7.3 to 7.5 (1X solution); Commonly used buffer.

ChemAlert! Storage Code GRAY

Phosphate Buffered Saline

Quantity	Packaging	Cat. No.
4L	Poly CUBE	BP2438-4
20L	Poly CUBE	BP2438-20

Clear colorless liquid; DNase-, RNase- and Protease-Free; PBS; CAS [7447-40-7, 7558-79-4, 7647-14-5, 7732-18-5, 7778-77-0]; **Melting Point:** >0°C; **Recommended Storage:** Room Temperature; Clear; Filtered through a 0.2-micron filter.; 1X Solution; **pH:** 7.3 to 7.5
Standard buffer for many biomolecular procedures. 0.137M Sodium Chloride, 0.0027M Potassium Chloride, and 0.0119M Phosphates. 0.2mm filtered

ChemAlert! Storage Code GRAY

Phosphate Buffered Saline

Quantity	Packaging	Cat. No.
500mL	Poly Bottle	BP399-500
1L	Nalgene Poly Bottle	BP399-1
4L	Poly CUBE	BP399-4
20L	Poly CUBE	BP399-20

Clear colorless liquid; PBS; CAS [7732-18-5, 7647-14-5, 7447-40-7, 7558-79-4, 7778-77-0]; **Recommended Storage:** Room Temperature; 10X Solution; **pH:** 7.3 to 7.5 (1X solution); Commonly used buffer.

ChemAlert! Storage Code GRAY

Phosphate Buffered Saline

Quantity	Packaging	Cat. No.
2 x 1L	Foil Pack	BP665-1

White Granular Powder; PBS; CAS [7647-14-5, 7558-79-4, 7778-77-0, 7447-40-7]; **Recommended Storage:** Room Temperature; 10X Powder Concentrate; **pH:** 7.3 to 7.5 (1X solution), 6.7 to 6.9 (10X Solution); Commonly used buffer.

ChemAlert! Storage Code GRAY

o-Phthaldialdehyde

Quantity	Packaging	Cat. No.
10g	----	AAA1329909

98%; $C_8H_6O_2$; **F.W.** 134.14; CAS [643-79-8]; **Melting Point:** 55° to 58°C; **Flash Point:** 132°C

Afa Aesar

PIPES, Sesquisodium Salt

Molecular Biology Grade

Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP304-100
500g	Poly Bottle	BP304-500

Fine White Crystals; DNase- and RNase-Free; ≥95%; 1,4-Piperazinediethanesulfonic acid sesquisodium salt, Piperazine-1,4-bis(2-ethanesulfonic acid) sesquisodium salt; $C_{16}H_{30}N_4Na_3O_{12}S_4$; **F.W.** 670.68; CAS [100037-69-2]; **Melting Point:** >300°C; **Recommended Storage:** Room Temperature; Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes. Commonly used buffering agent.

ChemAlert! Storage Code GRAY

Polyethylene Glycol 8000

Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP233-100
1kg	Poly Bottle	BP233-1

PEG 8000, Polyethylene Oxide, Carbowax™; $HO-[CH_2CH_2O]_n-H$; $H(OCH_2CH_2)_nOH$; **F.W.** 7000 to 9000; CAS [25322-68-3]; **Melting Point:** 55° to 60°C (131° to 140°F); **Flash Point:** 270°C; **Boiling Point:** 200°C; **Density:** 1.1g/mL; **Recommended Storage:** Room Temperature

ChemAlert! Storage Code GRAY

Polymixin B Sulfate

Quantity	Packaging	Cat. No.
1g	Amber Glass Bottle	BP2954-1

Dry, White or off-White Powder; $C_{55}H_{96}N_{16}O_{13} \cdot 2H_2SO_4$; **F.W.** 1385.61; CAS [1405-20-5]; **pH:** 5.0 to 7.5
Interferes with cytoplasmic membrane.

ChemAlert! Storage Code GRAY

Polyvinylpyrrolidone

Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP431-100
500g	Poly Bottle	BP431-500

≥95%; Povidone, Polyvidone, PVP; (C_5H_7NO) _n; CAS [9003-39-8]; **Melting Point:** 100°C (212°F); **Density:** 1.1 to 1.3g/mL; **Recommended Storage:** Room Temperature; **pH:** 3.0 to 7.0 (at 25°C); Average Molecular Wt.: 40,000.

ChemAlert! Storage Code GRAY

Ponceau S



Quantity	Packaging	Cat. No.
10g	Glass Bottle	BP103-10

$C_{22}H_{12}N_4Na_4O_{13}S_4$; **F.W.** 760.57; **CAS** [6226-79-5]; **C.I.** 27195;
Solubility in water: insoluble

ChemAlert®
Storage Code
GRAY

Potassium Acetate



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP364-500

Colorless Crystals or Powder; ≥99.0%;
Acetic Acid, Potassium Salt; $C_2H_3KO_2$; CH_3COOK ; **F.W.** 98.14;
CAS [127-08-2]; **Melting Point:** 292°C; **Flash Point:** 250°C;
Recommended Storage: Room Temperature;
pH: 6.5 to 9.0 (at 25°C); Soluble in water
For ethanol precipitations. Low metal ion content: ≤5ppm.

ChemAlert®
Storage Code
GRAY

Potassium Carbonate, Anhydrous



Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP365-500

White Granular Powder; ≥99.0%; Dipotassium Carbonate; CK_2O_3 ;
F.W. 138.21; **CAS** [584-08-7]; **Melting Point:** 891°C;
Density: 2.43g/mL;
Recommended Storage: Room Temperature

ChemAlert®
Storage Code
GRAY

Potassium Chloride



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP366-500
1kg	Poly Bottle	BP366-1

White Crystals; 99.0 to 100.5%; **KCl**; **F.W.** 74.55;
CAS [7447-40-7]; **Melting Point:** 773°C (1423°F);
Boiling Point: Sublimes at 1500°C; **Density:** 1.99g/mL;
Recommended Storage: Room Temperature
pH: 5.4 to 8.6 (at 25°C); Solubility in water: partially soluble
For molecular biology and cell culture applications.
Low metal ion content: ≤5ppm.

ChemAlert®
Storage Code
GRAY

Potassium Iodide



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP367-500

White, Free Flowing Granules; ≥99.0%; **IK**; **F.W.** 166;
CAS [7681-11-0]; **Melting Point:** 680°C; **Boiling Point:** 1330°C;
Recommended Storage: Room Temperature;
pH: 6.0 to 9.2 (at 25°C); Soluble in water;
For molecular biology and cell culture applications.
Low metal ion content: ≤5ppm.

ChemAlert®
Storage Code
GRAY

Potassium Nitrate



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP368-500

Colorless to White Crystals; ≥99.0%; **KNO₃**; **F.W.** 101.1;
CAS [7757-79-1]; **Melting Point:** 334°C; **Boiling Point:** 400°C;
DOT Class 5.1: Oxidizer; **UN:** 1486;
Recommended Storage: Room Temperature;
pH: 4.5 to 8.5 (at 25°C)

ChemAlert®
Storage Code
YELLOW

Potassium Phosphate Dibasic



Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP363-500
1kg	Poly Bottle	BP363-1

Fine White Crystalline Powder; ≥98.0%;
Phosphoric Acid, Dipotassium Salt, Potassium monohydrogen
phosphate; HK_2O_4P ; **F.W.** 174.18; **CAS** [7758-11-4];
Melting Point: 340°C;
Recommended Storage: Room Temperature; **pH:** 8.5 to 9.6 (at 25°C);
Soluble in water
For molecular biology and cell culture applications.
Low metal ion content: ≤5ppm.

ChemAlert®
Storage Code
GRAY

Potassium Phosphate Monobasic



Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP362-500
1kg	Poly Bottle	BP362-1

White Crystals; ≥99.0%; Phosphoric Acid, Monopotassium
Salt, Potassium acid phosphate, Potassium biphosphate,
Potassium dihydrogen phosphate; KH_2PO_4 ; **F.W.** 136.09;
CAS [7778-77-0]; **Melting Point:** 252.6°C; **Density:** 2.34g/mL;
Recommended Storage: Room Temperature
pH: 4.1 to 4.5 (at 25°C); Soluble in water;
For molecular biology and cell culture applications.
Low metal ion content: ≤0.001%.

ChemAlert®
Storage Code
GRAY

L-Proline



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP392-100

White Crystals or Crystalline Powder; 98.5 to 101.0%; $C_5H_9NO_2$;
F.W. 115.13; **CAS** [147-85-3];
Melting Point: 228° to 233°C (442.4° to 451.4°F);
Density: 1.350g/mL; **Recommended Storage:** Room
Temperature

ChemAlert®
Storage Code
GRAY

n-Propanol

Sequencing Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	BP1130-500

≥99.5%; 1-Propanol; C_3H_8O ; $CH_3CH_2CH_2OH$;
F.W. 60.1; **CAS** [71-23-8];
Melting Point: -127°C (-197°F); **Flash Point:** 15°C;
Boiling Point: 97°C; **Density:** 2.07 (Air = 1);
DOT Class 3: Flammable Liquid; **UN:** 1274;
Recommended Storage: Room Temperature; Peroxide-free;
Solubility in water: miscible



ChemAlert®
Storage Code
RED

Protein Gel-Loading Dye for SDS-PAGE, 2X Electrophoresis Grade



Quantity	Packaging	Cat. No.
5mL	Poly Bottle	BP637-5

Dark-Purple Liquid; **CAS** [7732-18-5, 56-81-5, 77-86-1, 151-21-3,
7647-01-0]; **Recommended Storage:** Room Temperature

ChemAlert®
Storage Code
GRAY

Puromycin Dihydrochloride



Quantity	Packaging	Cat. No.
100mg	Clear Glass Bottle	BP2956-100

Dry, White or off-White Powder; >98%; $C_{22}H_{29}N_7O_5 \cdot 2HCl$;
F.W. 544.44; **CAS** [58-58-2];
Melting Point: 168° to 178°C (334.4° to 352.4°F)
Inhibits protein synthesis.

ChemAlert®
Storage Code
GRAY

Pyrocatechol Violet Pure



Quantity	Packaging	Cat. No.
25g	Glass Bottle	AC14654-0250

Pyrocatecholsulfonephthalein; $C_{19}H_{14}O_7S$; **F.W.** 386.36; CAS [115-41-3]; Solubility in water: soluble. Other solubilities: soluble in ethanol, 2-methoxyethanol

Rapamycin



Quantity	Packaging	Cat. No.
1mg	Clear Glass	BP2963-1

Dry, White or off-White Powder; >98%; $C_{51}H_{79}NO_{13}$; **F.W.** 914.2; CAS [53123-88-9]; **Melting Point:** 183° to 184°C; **Boiling Point:** 183° to 185°C (361.4° to 365°F); Possesses immunosuppressive properties. Blocks a protein that is involved in cell division. A type of serine/threonine kinase inhibitor.



Safranin O Certified Biological Stain



Quantity	Packaging	Cat. No.
25g	Glass Bottle	S670-25
100g	Glass Bottle	S670-100

Basic Red 2; $C_{20}H_{19}ClN_4$; **F.W.** 350.85; CAS [477-73-6]; **C.I.** 50240; For use in histology, cytology, bacteriology (staining).



Safranin Solution



Quantity	Packaging	Cat. No.
4 x 500mL	Plastic Bottle	23750026

Individual replacement for the safranin component of the Gram Staining Set. Stains Gram-negative bacteria red. For in vitro diagnostic use. Prepared from dyes certified by the Biological Stain Commission (BSC). For use with the MIDAS™ III Automated Stainer.

Saline-Sodium Citrate Molecular Biology Grade



Quantity	Packaging	Cat. No.
1L	Nalgene Poly Bottle	BP1325-1
4L	Poly CUBE	BP1325-4
20L	PolyPac™	BP1325-20

SSC Buffer; CAS [6132-04-3, 68-04-2, 7647-14-5, 7732-18-5]; **Recommended Storage:** Room Temperature; 2.9 to 3.1M; Filtered through a 2-5 micron filter.; 20X Solution; **pH:** 6.9 to 7.1 (at 23°C)



Saline-Sodium Phosphate-EDTA



Quantity	Packaging	Cat. No.
1L	Nalgene Poly Bottle	BP1328-1

SSPE Buffer; CAS [7647-14-5, 7558-80-7, 60-00-4, 7732-18-5]; **Recommended Storage:** Room Temperature; 2.9 to 3.1M; Filtered through a 2-5 micron filter.; 20X Solution; **pH:** 7.3 to 7.5 (at 23°C); 0.2M NaH_2PO_4 , 3.0M NaCl, and 0.02M EDTA.



Sarkosyl



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP234-500

>95%; Sodium Lauroyl Sarcosinate; $C_{15}H_{26}O_3NNa$; $NaO_2CCH_2N(CH_3)CO(CH_2)_{10}CH_3$; **F.W.** 293.38; CAS [137-16-6]; **Melting Point:** 45° to 47°C (113° to 117°F); **Recommended Storage:** Room Temperature; **pH:** 7.5 to 8.5 (10% solution); Soluble in water



Schiff Reagent Solution



Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	SS32-500

CAS [632-99-5, 7681-57-4, 7647-01-0, 7732-18-5]; **Density:** 0.7g/mL; **DOT Class 8:** Corrosive; **UN:** 1789; Modified; For detection of aldehydes.



L-Serine



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP393-100

White Crystals or Crystalline Powder; 98.5 to 101.0%; $C_3H_7NO_3$; **F.W.** 105.05; CAS [56-45-1]; **Melting Point:** 222°C; **Recommended Storage:** Room Temperature; This amino acid is suitable for use in tissue culture systems requiring additives.



Silver Nitrate Molecular Biology Grade



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP2546-100

Crystalline; >99.7%; Nitric acid silver(I) salt; $AgNO_3$; **F.W.** 169.87; CAS [7761-88-8]; **Melting Point:** 212°C (413.6°F); **Boiling Point:** 433°C; **Density:** 4.35g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1493; **Recommended Storage:** Room Temperature For silver staining.



Sodium Acetate Trihydrate



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP334-500
1kg	Poly Bottle	BP334-1

Colorless to white crystals; $C_2H_3O_2Na \cdot 3H_2O$; $CH_3COONa \cdot 3H_2O$; **F.W.** 136.08; CAS [6131-90-4]; **Recommended Storage:** Room Temperature; **pH:** 7.5 to 9.2 (at 25°C)



Sodium Azide



Quantity	Packaging	Cat. No.
500g	Poly Bottle/Poison Pack	BP9221-500

White granular powder; NaN_3 ; **F.W.** 65.01; CAS [26628-22-8]; **DOT Class 6.1:** Poison; **UN:** 1687; **Recommended Storage:** Room Temperature



Sodium Bicarbonate



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP328-500
1kg	Poly Bottle	BP328-1

Fine white powder; Sodium Hydrogen Carbonate; $NaHCO_3$; **F.W.** 84.01; CAS [144-55-8]; **Recommended Storage:** Room Temperature



Sodium Bicarbonate



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP333-500
1kg	Glass Bottle	BP333-1

White Crystals or Granules; ≥99.0%; C₂H₃O₂Na; CH₃COONa; **F.W.** 82.03; CAS [127-09-3]; **Melting Point:** 324°C; **Flash Point:** 250°C;

Recommended Storage: Room Temperature; **pH:** 7.0 to 9.2 (at 25°C);



Sodium Dodecyl Sulfate

Electrophoresis Grade



Quantity	Packaging	Cat. No.
200mL	Poly Bottle	BP2436-200
1L	Nalgene Poly Bottle	BP2436-1

≥99%; C₁₂H₂₅O₂SNa; CH₃(CH₂)₁₀CH₂OSO₃Na; **F.W.** 288.38; CAS [151-21-3, 7732-18-5]; **Melting Point:** >0°C; **Recommended Storage:** Room Temperature; 9.5 to 10.5%; Filtered through a 0.2-micron filter; 10% Solution



Sodium Carbonate



Quantity	Packaging	Cat. No.
1kg	Poly Bottle	BP357-1

White Crystalline Powder; ≥99.5%; Disodium Carbonate, Soda Ash; CNa₂O₃; **F.W.** 105.99; CAS [497-19-8]; **Melting Point:** 851°C; **Boiling Point:** 1600°C; **Density:** 2.53g/mL; **Recommended Storage:** Room Temperature Solubility in water: partially soluble



Sodium Dodecyl Sulfate

Electrophoresis/Molecular Biology Grade



Quantity	Packaging	Cat. No.
200mL	Poly Bottle	BP1311-200
1L	Nalgene Poly Bottle	BP1311-1

Clear colorless liquid; DNase-, RNase- and Protease-Free; (as Fatty Alcohol Sulfate): ≥99%; Sodium lauryl sulfate, SDS; C₁₂H₂₅O₂SNa; CH₃(CH₂)₁₀CH₂OSO₃Na; **F.W.** 288.38; CAS [7732-18-5, 151-21-3]; **Melting Point:** >0°C; **Recommended Storage:** Room Temperature; 19.5 to 20.5%; Filtered through a 0.2-micron.; 20% Solution; Used as a detergent in protein purification and electrophoresis.



Sodium Chloride



Quantity	Packaging	Cat. No.
1kg	Poly Bottle	BP358-1
2.5kg	Poly Bottle	BP358-212
10kg	Poly Pail	BP358-10

White crystals or crystalline powder; ≥99.0%; Salt; NaCl; **F.W.** 58.44; CAS [7647-14-5]; **Melting Point:** 801°C (1474°F); **Boiling Point:** 1461°C; **Density:** 2.17g/mL; **Recommended Storage:** Room Temperature Solubility in water: partially soluble; For electrophoresis and molecular biology buffers and media. Low metal ion content: ≤0.0005%.



Sodium Dodecyl Sulfate Micropellets

Molecular Biology Grade



Quantity	Packaging	Cat. No.
10g	Poly Bottle	BP8200-10
100g	Poly Bottle	BP8200-100
500g	Poly Bottle	BP8200-500
5kg	Poly Pail	BP8200-5

MicroPellets; >99%; CAS [151-21-3]; **Recommended Storage:** Store at room temperature; Sodium Dodecyl Sulfate is the most commonly used detergent in protein purification and electrophoresis. High purity SDS micropellets >99.0% and free of additives. Tested for DNase, RNase, and Protease to ensure absence of these hydrolyzing enzymes. Ease of mixing with acrylamide and tris glycine buffer to make ready to pour SDS buffer solution. Components: Sodium Lauryl Sulfate



Sodium Citrate Dihydrate



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP327-500
1kg	Poly Bottle	BP327-1

Small, Colorless Granules; 99.0 to 101.0%; C₆H₅Na₃O₇·2H₂O; **F.W.** 294.09; CAS [6132-04-3, 68-04-2]; **Melting Point:** 300°C (572°F); **Recommended Storage:** Room Temperature; **pH:** 7.0 to 9.0 (at 25°C); Soluble in water



Sodium Dodecyl Sulfate

Electrophoresis Grade



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP166-100
500g	Poly Bottle	BP166-500
5kg	Poly Pail	BP166-5

White Powder; DNase- and RNase-Free; (as Fatty Alcohol Sulfate) ≥99%; Sodium Lauryl Sulfate, SDS; C₁₂H₂₅NaO₂S; CH₃(CH₂)₁₀CH₂OSO₃Na; **F.W.** 288.38; CAS [151-21-3, 7647-14-5, 7757-82-6]; **Melting Point:** 206°C; **Flash Point:** 100°C; **Recommended Storage:** Room Temperature; Off-White

For protein extraction procedures and SDS polyacrylamide gels.



Sodium Hydroxide



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP359-500
2.5kg	Poly Bottle	BP359-212

White Pellets; ≥98%; NaOH; **F.W.** 40.00; CAS [1310-73-2]; **DOT Class 8:** Corrosive; **UN:** 1823; **Recommended Storage:** Room Temperature



Sodium Persulfate



Quantity	Packaging	Cat. No.
1kg	Poly Bottle	BP2637-1

White Crystalline Powder; ≥98.0%; Sodium Peroxydisulfate; Na₂O₈S₂; **F.W.** 238.09; CAS [7775-27-1]; **Melting Point:** 100°C (212°F); **Density:** 2.6g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1505; **Recommended Storage:** Room Temperature



Sodium Phosphate Dibasic, Anhydrous

Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP332-500
1kg	Poly Bottle	BP332-1

White Powder or Granules; ≥99.0%; Disodium Hydrogen Phosphate; Na₂HPO₄; **F.W.** 141.96; CAS [7558-79-4]; **Melting Point:** 47.78°C; **Density:** 1.67g/mL; **Recommended Storage:** Room Temperature; **pH:** 8.7 to 9.3 (at 25°C); Solubility Information: Slightly soluble in water; For tissue culture and molecular biology applications. Low metal ion content: ≤0.001%.

ChemAlert®
Storage Code
GRAY

Sodium Phosphate Dibasic Heptahydrate

Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP331-500
1kg	Poly Bottle	BP331-1

Colorless to White Crystals; 98.0 to 102.0%; Disodium Hydrogen Phosphate; HNa₂O₇·7H₂O; **F.W.** 268.07; CAS [7782-85-6]; **Melting Point:** 48°C; **Recommended Storage:** Room Temperature; **pH:** 8.7 to 9.3 (at 25°C)

ChemAlert®
Storage Code
GRAY

Sodium Phosphate Monobasic, Anhydrous

Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP329-500
1kg	Poly Bottle	BP329-1

Colorless to White Crystals; ≥99%; Sodium Dihydrogen Phosphate; NaH₂PO₄; **F.W.** 119.98; CAS [7558-80-7]; **Melting Point:** 100°C (212°F); **Boiling Point:** 203.9°C; **Density:** 2.04g/mL; **Recommended Storage:** Room Temperature; **pH:** 4.0 to 6.0 (1M solution) For tissue culture and molecular biology applications.

ChemAlert®
Storage Code
GRAY

Sodium Phosphate Monobasic Monohydrate

Quantity	Packaging	Cat. No.
500g	Amber Glass Bottle	BP330-500
1kg	Amber Glass Bottle	BP330-1

Colorless to white crystals; Sodium Dihydrogen Phosphate; NaH₂PO₄·H₂O; **F.W.** 137.99; CAS [10049-21-5]; **Recommended Storage:** Room Temperature; **pH:** 4.1 to 4.5 (at 25°C)

ChemAlert®
Storage Code
GRAY

Sodium Pyruvate

Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP356-100

White Powder; ≥99%; Pyruvic Acid, Sodium Salt; C₃H₃NaO₃; CH₃COCO₂Na; **F.W.** 110.04; CAS [113-24-6]; **Melting Point:** 300°C (572°F); **Recommended Storage:** Room Temperature

ChemAlert®
Storage Code
GRAY

Sodium Sulfate, Anhydrous

Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP354-500

White Granules; ≥99.0%; Disodium Sulfate, Sulfuric Acid, Disodium Salt; Na₂O₃S; **F.W.** 142.04; CAS [7757-82-6]; **Melting Point:** 884° to 888°C (1623.2° to 1630.4°F); **Recommended Storage:** Room Temperature; **pH:** 5.2 to 9.2 (at 25°C); Soluble in water

ChemAlert®
Storage Code
GRAY

Sodium Sulfite, Anhydrous

Quantity	Packaging	Cat. No.
500g	Amber Glass Bottle	BP355-500

White crystals or crystalline powder; Disodium Sulfite, Sulfurous Acid, Disodium Salt; Na₂SO₃; **F.W.** 126.04; CAS [7757-83-7]; **Recommended Storage:** Room Temperature

ChemAlert®
Storage Code
GRAY

Sodium Tartrate Dihydrate

Quantity	Packaging	Cat. No.
500g	Glass Bottle	BP352-500

Colorless Crystalline; Disodium Tartrate, Dihydrate; C₄H₄Na₂O₆·2H₂O; **F.W.** 230.08; CAS [6106-24-7, 868-18-8]; **Recommended Storage:** Room Temperature; **pH:** 7.0 to 9.0 (5% solution at 25°C)

ChemAlert®
Storage Code
GRAY

Solution I

Quantity	Packaging	Cat. No.
4L	Plastic Bottle	23750013

Hematology Stain; CAS [67-56-1]



Sorbitol

Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP439-500

91.0 to 100.5%; C₆H₁₄O₆; **F.W.** 182.17; CAS [50-70-4]; **Melting Point:** 75°C; **Boiling Point:** 295°C; **Density:** 1.489g/mL; **Recommended Storage:** Room Temperature

ChemAlert®
Storage Code
GRAY

Spectinomycin Dihydrochloride

Quantity	Packaging	Cat. No.
1g	Amber Glass Bottle	BP2957-1

Dry, White or Almost White Powder; C₁₄H₂₄N₂O₇·2HCl·5H₂O; **F.W.** 495.3; CAS [22189-32-8]; **Melting Point:** 210°C; **pH:** 3.8 to 5.6 (at 25°C); Inhibits protein synthesis.

ChemAlert®
Storage Code
GRAY

Staurosporine

Quantity	Packaging	Cat. No.
100µg	Poly Micro Tube	BP2541-100
500µg	Poly Micro Tube	BP2541-500

>98.0%; C₂₈H₂₆N₄O₃; **F.W.** 466.5; CAS [62996-74-1]; **Recommended Storage:** 4°C, protect from light. *Streptomyces sp.*; Not on TSCA inventory; for R and D use only; not for manufacturing or commercial purposes.

ChemAlert®
Storage Code
GRAY

Streptomycin Sulfate

Quantity	Packaging	Cat. No.
50g	Poly Bottle	BP910-50

White to Light Yellow Powder; C₄₂H₇₈N₁₄O₂₃·3H₂SO₄; (C₂₁H₃₉N₇O₁₂)₂·3H₂SO₄; **F.W.** 1457.58; CAS [3810-74-0]; **Recommended Storage:** 4°C; **pH:** 4.5 to 7.0; (20% solution); Soluble in water; Not for drug use.

ChemAlert®
Storage Code
GRAY

D-Sucrose

Molecular Biology Grade



Quantity	Packaging	Cat. No.
1kg	Poly Bottle	BP220-1
2.5kg	Glass Bottle	BP220-212
10kg	Poly Pail	BP220-10

White Powder; DNase-, RNase- and Protease-Free; $\geq 99.9\%$;
 $C_{12}H_{22}O_{11}$; **F.W.** 342.29; CAS [57-50-1];
Melting Point: 190° to 192°C (374° to 377.6°F);
Recommended Storage: Room Temperature



Sucrose Gel-Loading Dye for DNA Gels

Electrophoresis Grade



Quantity	Packaging	Cat. No.
5mL	Poly Bottle	BP655-5

CAS [7732-18-5, 57-50-1];
Recommended Storage: Room Temperature; 5X;
 Components: Sucrose (40%), Proprietary Component (<3%),
 and Water.



TBE Buffer Mix

Electrophoresis Grade



Quantity	Packaging	Cat. No.
86.1g	Poly Bottle	BP1396-86

Dry Powder; Tris-Boric Acid-EDTA Buffer Mix;
 CAS [77-86-1 (Tris), 6381-92-6 (EDTA), 10043-35-3 (Boric
 Acid)]; **pH:** 8.1 to 8.5 (at 25°C);
 Makes 1 liter of 5X buffer. Final concentration of components
 in 1X buffer: 0.089M Tris, 0.089M Boric Acid, 0.002M EDTA.



TEMED

Electrophoresis Grade



Quantity	Packaging	Cat. No.
26mL (20g)	Amber Glass Bottle	BP150-20
130mL (100g)	Amber Glass Bottle	BP150-100

Clear colorless liquid; DNase-, RNase- and Protease-Free;
 $\geq 97\%$ (by titration); N,N,N',N'-Tetramethylethylenediamine;
 $C_6H_{16}N_2$; $(CH_2)_2NCH_2CH_2N(CH_2)_2$; **F.W.** 116.21; CAS [110-18-9];
Melting Point: -55.00°C; **Flash Point:** 17°C (62.6°F);
Boiling Point: 121.11°C; **Density:** 0.775g/mL;
DOT Class 3: Flammable Liquid; **UN:** 2372;
Recommended Storage: Room Temperature; For polymerization of
 acrylamide/bis-acrylamide.



Terrific Broth



Quantity	Packaging	Cat. No.
5kg	Poly Pail	BP9729-5

Solid; CAS [8013-01-2, 91079-40-2, 7758-11-4, 7778-77-0];
Recommended Storage: Keep containers tightly closed in a dry, cool
 and well-ventilated place.

Terrific Broth



Quantity	Packaging	Cat. No.
5kg	Poly Pail	BP9728-5

Solid; CAS [8013-01-2, 91079-40-2, 7758-11-4, 7778-77-0];
Recommended Storage: Keep containers tightly closed in a dry, cool
 and well-ventilated place.

TES



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP309-100

White Crystals; $\geq 98\%$;
 N-Tris(hydroxymethyl)methyl-2-aminoethanesulfonic Acid;
 $C_8H_{15}NO_6$; **F.W.** 229.25; CAS [7365-44-8];
Melting Point: 223° to 225°C (433.4° to 437°F);
Density: 1.55g/mL; **Recommended Storage:** Room Temperature



Tetracycline Hydrochloride



Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP912-100

Yellow Powder; $C_{22}H_{24}N_2O_8 \cdot HCl$; **F.W.** 480.9; CAS [64-75-5];
Melting Point: 223°C;
Recommended Storage: Room Temperature;
pH: 1.8 to 2.8 (1% Solution); Solubility in water: slight;
 Shelf Life: 3 years. Not for drug use.



Thiamine Hydrochloride



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP892-100

White Powder; $\geq 98\%$; Vitamin B₁ Hydrochloride;
 $C_{12}H_{17}NH_4OSCl \cdot HCl$; **F.W.** 300.66; CAS [67-03-8];
Melting Point: 260°C; **Density:** 1.4g/mL;
Recommended Storage: Room Temperature
 Not for human use.



L-Threonine



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP394-100

White Crystals or Crystalline Powder; 99.0 to 101.0%;
 $C_4H_9NO_3$; **F.W.** 119.12; CAS [72-19-5]; **Melting Point:** 255°C;
Recommended Storage: Room Temperature
 This material is certified for Arsenic not more than 1ppm.



Thymol Blue

Certified ACS



Quantity	Packaging	Cat. No.
5g	Glass Bottle	T416-5

Thymolsulfonephthalein; $C_{27}H_{36}O_6S$; **F.W.** 466.6; CAS [76-61-9];
Melting Point: 222.78°C; pH Indicator.



Thyodene™ Indicator



Quantity	Packaging	Cat. No.
100g	Glass Bottle	T138-100
500g	Poly Bottle	T138-500

Starch, Soluble; $C_6H_{10}O_5 \cdot X$; CAS [9005-84-9]; **Density:** 1.04g/mL;
 A stable, soluble indicator for iodometry.



TissuePrep™ 2 Micron

Certified



Quantity	Packaging	Cat. No.
4.5 lb. (2kg)	Carton	T555-2

CAS [64742-43-4, 9017-27-0]; **Melting Point:** 53° to 57°C;
Flash Point: 198.9°C (390.02°F); **Boiling Point:** 322°C;
Density: 0.9g/mL; Solubility in water: insoluble;
 A superior embedding compound for 2 micron sectioning.
 Purity is guaranteed to meet published maximum limits of impurities.



TissuePrep™ Embedding Media Certified



Quantity	Packaging	Cat. No.
5 lb. (2.3kg)	Carton	T56-5

Paraffin Wax; CAS [8002-74-2]; **Flash Point:** 198.9°C (390.02°F); Solubility in water: insoluble; Paraffin wax. Purity is guaranteed to meet published maximum limits of impurities.



Tobramycin



Quantity	Packaging	Cat. No.
5g	Glass Bottle	AC45543-0050

97%; C₁₈H₃₇N₅O₉; **F.W.** 467.52; CAS [32986-56-4]

Toluidine Blue O Certified Biological Stain



Quantity	Packaging	Cat. No.
25g	Glass Bottle	T161-25

Basic Blue 17, Tolonium Chloride; C₁₅H₁₆N₃SCl; **F.W.** 305.83; CAS [92-31-9]; **C.I.** 52040 Soluble in water; For use in histology.



D-(+)-Trehalose, Dihydrate



Quantity	Packaging	Cat. No.
10g	Poly Bottle	BP2687-10
25g	Poly Bottle	BP2687-25
100g	Poly Bottle	BP2687-100
1kg	Poly Bottle	BP268-71

White Powder; ≥98%; C₁₂H₂₂O₁₁H₄O₂; **F.W.** 378.33; CAS [6138-23-4]; **Melting Point:** 97° to 99°C (206.6° to 210.2°F); **Recommended Storage:** Room Temperature Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes.



Trichloroacetic Acid



Quantity	Packaging	Cat. No.
250g	Glass Bottle	BP555-250
500g	Glass Bottle	BP555-500
1kg	Glass Bottle	BP555-1

Flakes or Crystals; ≥99.0%; Trichloroethanoic Acid, TCA; C₂HCl₃O₂; CCl₃COOH; **F.W.** 163.39; CAS [76-03-9]; **Melting Point:** 52° to 58°C (125.6° to 136.4°F); **Boiling Point:** 196°C; **Density:** 5.6 (Air = 1.0); **DOT Class 8:** Corrosive; **UN:** 1839; **Recommended Storage:** Room Temperature Soluble in water



Tricine



Quantity	Packaging	Cat. No.
100g	Poly Bottle	BP315-100

White Crystals; ≥98%; N-[Tris-(hydroxymethyl)methyl]glycine; C₆H₁₃NO₅; (HOCH₂)₃CNHCH₂CO₂H; **F.W.** 179.09; CAS [5704-04-1]; **Melting Point:** 182° to 184°C (359.6° to 363.2°F); **Recommended Storage:** Room Temperature Soluble in water



Triethylamine Peptide Synthesis Grade



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	BP616-500

≥99%; C₆H₁₅N; (C₂H₅)₃N; **F.W.** 101.19; CAS [121-44-8]; **Melting Point:** -115°C (-175°F); **Flash Point:** -11°C; **Boiling Point:** 89° to 90°C; **Density:** 3.5 (Air = 1.0); **Recommended Storage:** Room Temperature; **Refractive Index:** 1.397 to 1.403 Solubility in water: slight



Trifluoroacetic Acid Peptide Synthesis Grade



Quantity	Packaging	Cat. No.
500mL	Amber Glass Bottle	BP618-500

Clear colorless liquid; ≥99.5%; TFA, Perfluoroacetic Acid, Trifluoroethanoic Acid; C₂HF₃O₂; CF₃COOH; **F.W.** 114.02; CAS [76-05-1]; **Melting Point:** -15°C (5°F); **Boiling Point:** 72°C; **Density:** 3.9 (Air = 1.0); Solubility in water: miscible; For peptide synthesis and sequencing protocols.



Tris Base Molecular Biology Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP152-500
1kg	Poly Bottle	BP152-1
5kg	Poly Pail	BP152-5
10kg	Poly Pail	BP152-10
25kg	Fiber Drum	BP152-25

White Crystals or Crystalline Powder; DNase-, RNase- and Protease-Free; ≥99.8%; Trimethylol Aminomethane, Tris(hydroxymethyl)aminomethane; (CH₂OH)₃CNH₂; H₂NC(CH₂OH)₃; **F.W.** 121.14; CAS [77-86-1]; **Melting Point:** 171.2° to 172.3°C; **Boiling Point:** 219° to 220°C at 10 mmHg; **Recommended Storage:** Room Temperature; White; **pH:** 10.3 to 10.5 (0.5 Molar) For molecular biology, tissue culture, and electrophoresis procedures.



Tris Base



Quantity	Packaging	Cat. No.
1kg	Poly Bottle	BP154-1

White Crystals or Crystalline Powder; DNase-, RNase- and Protease-Free; ≥99.9%; Trimethylol Aminomethane, Tris(hydroxymethyl)aminomethane; C₄H₁₁NO₃; H₂NC(CH₂OH)₃; **F.W.** 121.14; CAS [77-86-1]; **Melting Point:** 168.5°C; **Boiling Point:** 219° to 220°C at 10 mmHg; **Recommended Storage:** Room Temperature; Alcohol-Free; **pH:** 10.3 to 10.5 (0.5 Molar) For sensitive molecular biology, tissue culture, and electrophoresis methods.



Tris Buffered Saline Molecular Biology Grade



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	BP2471-100
500mL	Poly Bottle	BP2471-500
1L	Nalgene Poly Bottle	BP2471-1

Clear colorless liquid; DNase-, RNase- and Protease-Free; TBS; CAS [7447-40-7, 7647-01-0, 7647-14-5, 77-86-1, 7732-18-5]; **Recommended Storage:** Room Temperature; 10X Solution; **pH:** 7.3 to 7.5 (1X solution)
For biochemical and molecular biology applications.
The 10X TBS solution is diluted to produce a 1X working solution: 0.137M Sodium Chloride, 0.0027M Potassium Chloride, and 0.025M Tris-HCl.
0.2mm filtered, Autoclaved



Tris Hydrochloride Molecular Biology Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP153-500
1kg	Poly Bottle	BP153-1

Small White Flakes; DNase-, RNase- and Protease-Free; ≥99%; Tris(hydroxymethyl)aminomethane Hydrochloride; C₄H₁₁NO₃·HCl; H₂NC(CH₂OH)₃·HCl; **F.W.** 157.6; CAS [1185-53-1]; **Melting Point:** 150° to 153°C (302° to 307.4°F); **Recommended Storage:** Keep in a dry, cool and well-ventilated place. Keep container tightly closed.
For electrophoresis, molecular biology, and cell culture applications.



Tris Hydrochloride Molecular Biology Grade



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	BP1756-500

High Purity, Low Metal; DNase-, RNase- and Protease-Free; Tris-HCl; CAS [77-86-1, 1185-53-1, 7732-18-5]; **Recommended Storage:** Room Temperature; 0.96 to 1.04M; Filtered through a 0.2-micron filter.; 1M Solution, **pH:** 7.0
For molecular biology, tissue culture, and electrophoresis procedures.



Tris Hydrochloride Molecular Biology Grade



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	BP1758-100
500mL	Poly Bottle	BP1758-500

High Purity, Low Metal; DNase-, RNase- and Protease-Free; Tris-HCl; CAS [77-86-1, 1185-53-1, 7732-18-5]; **Recommended Storage:** Room Temperature; 0.96 to 1.04M; Filtered through a 0.2-micron filter.; 1M Solution, **pH:** 8.0;
For molecular biology, tissue culture, and electrophoresis procedures.



TRIS Hydrochloride Ultrapure Bioreagent



Quantity	Packaging	Cat. No.
5kg	Poly Pail	02004521

NH₂C(CH₂OH)₃·HCl; **F.W.** 157.6; CAS [1185-53-1]

TRIS Hydrochloride Biotech Reagent Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	02004520
2.5kg	Poly Bottle	02004517

GMP Manufactured Product; NH₂C(CH₂OH)₃·HCl; **F.W.** 157.6; CAS [1185-53-1]; **Melting Point:** 147°C to 153°C; Made from Tromethamine USP

Tris Hydrochloride Molecular Biology Grade



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	BP1757-100
500mL	Poly Bottle	BP1757-500

High Purity, Low Metal; DNase-, RNase- and Protease-Free; Tris-HCl; CAS [77-86-1, 1185-53-1, 7732-18-5]; **Recommended Storage:** Room Temperature; 0.96 to 1.04M; Filtered through a 0.2-micron filter.; 1M Solution, **pH:** 7.5;
For molecular biology, tissue culture, and electrophoresis procedures.



Tris Hydrochloride Molecular Biology Grade



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	BP1758-100
500mL	Poly Bottle	BP1758-500

High Purity, Low Metal; DNase-, RNase- and Protease-Free; Tris-HCl; CAS [77-86-1, 1185-53-1, 7732-18-5]; **Recommended Storage:** Room Temperature; 0.96 to 1.04M; Filtered through a 0.2-micron filter.; 1M Solution, **pH:** 8.0;
For molecular biology, tissue culture, and electrophoresis procedures.



Tris SDS PAGE Running Buffer, FASTRun, 10X Protein Electrophoresis



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	BP881-500
1L	Poly Bottle	BP881-1

Liquid; Denaturing Buffer, Electrophoresis Running Buffer, Protein Electrophoresis Buffer; CAS [151-21-3]; **pH:** 7.7 to 8.3 (1X/10X Solution at 25°C)



Tris-Acetate-EDTA Electrophoresis Grade



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	BP1335-500
1L	Nalgene Poly Bottle	BP1335-1
4L	Poly CUBE	BP1335-4
20L	Poly CUBE	BP1335-20

Clear colorless liquid; DNase-, RNase- and Protease-Free; TAE; CAS [64-19-7, 7732-18-5, 60-00-4, 77-86-1]; **Recommended Storage:** Room Temperature; Filtered through a 0.2-micron filter; 10X Solution; **pH:** 8.2 to 8.4 (1X solution)
For nucleic acid electrophoresis. Dilution of the concentrated TAE buffer produces a 1× TAE buffer with 40 mM Tris-acetate and 1 mM EDTA



Tris-Acetate-EDTA Electrophoresis Grade



Quantity	Packaging	Cat. No.
20L	Poly CUBE	BP2434-20

CAS [77-86-1, 6850-28-8, 139-33-3, 10378-23-1, 7732-18-5]; **Recommended Storage:** Room Temperature; Filtered through a 0.2-micron filter. 1X Solution; **pH:** 8.2 to 8.4 (1X solution); Soluble in water 0.04M Tris-Acetate and 0.001M EDTA.



Tris-Acetate-EDTA Electrophoresis Grade



Quantity	Packaging	Cat. No.
1L	Nalgene Poly Bottle	BP1330-1

CAS [60-00-4, 6850-28-8, 77-86-1, 7732-18-5];
Recommended Storage: Room Temperature;
 Filtered through a 0.2-micron filter; 25X Solution;
pH: 8.2 to 8.4 (1X solution);
 1M Tris-Acetate and 0.025M EDTA.



Tris-EDTA Molecular Biology Grade



Quantity	Packaging	Cat. No.
1L	Nalgene Poly Bottle	BP1338-1

CAS [77-86-1, 60-00-4, 7732-18-5];
Recommended Storage: Room Temperature;
 Filtered through a 0.2-micron filter; 100X Solution;
pH: 7.9 to 8.1 (1X solution); Soluble in water;
 1.0M Tris Base and 0.1M EDTA.



Tris-Acetate-EDTA Electrophoresis Grade



Quantity	Packaging	Cat. No.
500mL	Poly Bottle	BP1332-500
1L	Nalgene Poly Bottle	BP1332-1
4L	Poly CUBE	BP1332-4
20L	Poly CUBE	BP1332-20

Clear colorless liquid; DNase-, RNase- and Protease-Free;
 TAE; CAS [7732-18-5, 77-86-1, 60-00-4, 6850-28-8];
Recommended Storage: Room Temperature;
 Filtered through a 0.2-micron filter.; 50X Solution;
pH: 8.2 to 8.4 (at 25°C);
 For nucleic acid electrophoresis.

Dilution of the concentrated TAE buffer produces a 1x TAE buffer with 40mM Tris-acetate and 1mM EDTA



Tris-EDTA Molecular Biology Grade



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	BP2476-100
1L	Nalgene Poly Bottle	BP2476-1

TE; CAS [77-86-1, 60-00-4, 7647-01-0, 7732-18-5];
Recommended Storage: Room Temperature;
 Filtered through a 5-micron filter. 1X Solution, **pH:** 7.3 to 7.5
 (1X solution); 10mM Tris and 1mM EDTA.



Tris-Borate-EDTA Electrophoresis Grade



Quantity	Packaging	Cat. No.
1 Pack	Foil Pack	BP1334-1

CAS [77-86-1, 10043-35-3, 60-00-4];
Recommended Storage: Room Temperature; 10X Powder;
 8.2 to 8.4 (1X solution);
 Each pack contains preweighed powder to make 1L of a 10X
 solution (0.89M Tris Base, 0.89M Boric Acid, and 0.02M EDTA).



Tris-EDTA Molecular Biology Grade



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	BP2473-100
500mL	Poly Bottle	BP2473-500
1L	Nalgene Poly Bottle	BP2473-1

TE; CAS [77-86-1, 6381-92-6, 7647-01-0, 7732-18-5];
Recommended Storage: Room Temperature;
 Filtered through a 5-micron filter. 1X Solution,
pH: 7.9 to 8.1 (1X solution); 10mM Tris and 1mM EDTA.



Tris-Borate-EDTA Electrophoresis Grade



Quantity	Packaging	Cat. No.
1L	Nalgene Poly Bottle	BP1333-1
4L	Poly CUBE	BP1333-4
20L	Poly CUBE	BP1333-20

Clear colorless liquid; DNase-, RNase- and Protease-Free;
 TBE; CAS [10043-35-3, 60-00-4, 77-86-1, 7732-18-5];

Recommended Storage: Room Temperature;
 Filtered through a 0.2-micron filter.; 10X Solution;
pH: 8.2 to 8.4 (at 25°C); For nucleic acid electrophoresis.

Dilution of the TBE stock concentrate to a 1x TBE running buffer results
 in a buffer containing 89mM Tris-borate and 2mM EDTA



Tris-Glycine Electrophoresis Grade



Quantity	Packaging	Cat. No.
1 Pack	Foil Pack	BP1307-1

CAS [77-86-1, 56-40-6];
Recommended Storage: Room Temperature; 10X Powder;
pH: 8.3 to 8.5 (at 25°C);
 Each pack contains preweighed powder to make 1L of a 10X
 solution (0.25M Tris Base and 1.92M Glycine).



Tris-Glycine Electrophoresis Grade



Quantity	Packaging	Cat. No.
1L	Nalgene Poly Bottle	BP1306-1
4L	Poly CUBE	BP1306-4

Clear colorless liquid; DNase-, RNase- and Protease-Free;
 TG; CAS [7732-18-5, 77-86-1, 56-40-6];

Recommended Storage: Room Temperature
 Filtered through a 0.2-micron filter.; 10X Solution;
pH: 8.3 to 8.5 (at 25°C)

Used as a buffer in native polyacrylamide gel electrophoresis.
 The 10X Tris-glycine buffer is diluted to 1X with methanol and water
 to make a solution containing 25mM Tris, 192mM glycine, and 20%
 methanol.



Tris-Borate-EDTA Electrophoresis Grade



Quantity	Packaging	Cat. No.
1L	Nalgene Poly Bottle	BP2430-1
4L	Poly CUBE	BP2430-4
20L	Poly CUBE	BP2430-20

CAS [77-86-1, 6381-92-6, 10043-35-3, 7732-18-5];

Melting Point: >0°C;

Recommended Storage: Room Temperature;
 Filtered through a 0.2-micron filter.; 1X Solution;

pH: 8.2 to 8.4 (at 25°C); 0.089M Tris Base, 0.089M Boric Acid, and
 0.002M EDTA.



Tris-Glycine-SDS Electrophoresis Grade



Quantity	Packaging	Cat. No.
1 Pack	Foil Pack	BP1342-1

CAS [77-86-1, 56-40-6, 151-21-3];

Recommended Storage: Room Temperature; 10X Powder;
pH: 8.3 to 8.5 (at 25°C);

Tris-Glycine-SDS is commonly used as a buffer in SDS-PAGE.

Each pack contains preweighed powder to make 1L of a 10X solution
 (0.25M Tris Base, 1.92M Glycine, and 1.0% w/v SDS).



Tris-Glycine-SDS Electrophoresis Grade



Quantity	Packaging	Cat. No.
1L	Nalgene Poly Bottle	BP1341-1
4L	Poly CUBE	BP1341-4

Clear colorless liquid; DNase-, RNase- and Protease-Free; TG-SDS; CAS [77-86-1, 7732-18-5, 56-40-6, 151-21-3];

Recommended Storage: Room Temperature;

Filtered through a 0.2-micron filter.; 10X Solution;

For SDS-PAGE of proteins.

Dilution of the 10X TGS buffer produces a 1X running buffer containing 25mM Tris, 192mM glycine and 0.1% SDS, pH: approx. 8.4.



Tween™ 20



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	BP337-100
500mL	Glass Bottle	BP337-500

Viscous, Colorless Liquid; Polysorbate 20, Polyoxyethylene-20-sorbitan Monolaurate, Polyoxyethylenesorbitan monolaurate; C₂₈H₁₁₄O₂₆; F.W. 1227.54; CAS [9005-64-5];

Flash Point: 150°C; **Density:** 1.11g/mL;

Recommended Storage: Room Temperature Non-ionic detergent.



Triton™ X-100 Electrophoresis Grade



Quantity	Packaging	Cat. No.
100mL	Glass Bottle	BP151-100
500mL	Glass Bottle	BP151-500

Clear colorless liquid; Polyethylene Glycol p-tert-Octylphenyl

Ether; 4-(C₈H₁₇) C₆H₄ (OCH₂CH₂)_n OH (n~10); F.W. 646.86;

CAS [9002-93-1]; **Melting Point:** 6°C; **Flash Point:** 274°C;

Boiling Point: 270°C; **Density:** 7.11 (Air = 1.0);

Recommended Storage: Room Temperature; pH: 6 to 8 (at 25°C);

Shelf Life: Two years; Soluble in water;

For solubilization and permeabilization of membranes.



Tween™ 80



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	BP338-500

Viscous, Yellow Liquid; Polysorbate 80, Polyoxyethylene-20-sorbitan Monooleate; CAS [9005-65-6];

Flash Point: 110°C; **Density:** >1.0;

Recommended Storage: Room Temperature; Solubility in water: partially soluble;

Non-ionic detergent for selective protein extraction.



Triton X-100



Quantity	Packaging	Cat. No.
500mL	Glass Bottle	MTX15681
4L	Glass Bottle	MTX15683

Liquid; Octylphenol Decaethylene Glycol Ether; C₂₄H₄₂O₁₁; F.W. 646.86;

Flash Point: >109.9°C (229.8°F);

Recommended Storage: Room Temperature; Clear; Surfactant;

Soluble



Urea

Molecular Biology Grade



Quantity	Packaging	Cat. No.
500g	Poly Bottle	BP169-500
2.5kg	Poly Bottle	BP169-212
10kg	Poly Pail	BP169-10

Colorless to white crystals or crystalline powder; DNase-, RNase- and Protease-Free; ≥99%; CH₄N₂O;

NH₂CONH₂; F.W. 60.06; CAS [57-13-6];

Melting Point: 131° to 135°C; **Density:** 1.335g/mL;

Recommended Storage: Room Temperature



Triton X-100

Afa Aesar

Quantity	Packaging	Cat. No.
500mL	----	AAA16046AP

CAS [9002-93-1]; **Flash Point:** 251°C; **Boiling Point:** >250°C;

Density: 1.070g/mL; **Refractive Index:** 1.4900

Tryptone



Quantity	Packaging	Cat. No.
5kg	Poly Pail	BP9726-5

Solid; CAS [91079-40-2]; **Recommended Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place.

L-Tryptophan



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP395-100

White Crystals or Crystalline Powder; 98.5 to 100.5%;

C₁₁H₁₂N₂O₂; F.W. 204.23; CAS [73-22-3];

Melting Point: 280° to 285°C;

Recommended Storage: Room Temperature



L-Valine



Quantity	Packaging	Cat. No.
100g	Glass Bottle	BP397-100

White crystals or crystalline powder; 98.5 to 100.5%; C₆H₁₁NO₂;

F.W. 117.08; CAS [72-18-4]; **Melting Point:** 315°C;

Density: 1.23g/mL; **Recommended Storage:** Room

Temperature



Vancomycin Hydrochloride



Quantity	Packaging	Cat. No.
1g	Amber Glass Bottle	BP2958-1

Dry, White to Light Orange Powder; C₆₆H₇₅Cl₂N₉O₂₄·HCl;

F.W. 1485.73; CAS [1404-93-9]; Solubility in water: slight;

Inhibits formation of peptidoglycan polymers of bacterial cell wall.



Water

Biotech Grade



Quantity	Packaging	Cat. No.
4L	Poly CUBE	BP2485-4
20L	Poly CUBE	BP2485-20

Clear colorless liquid; H₂O; F.W. 18.02; CAS [7732-18-5];

Melting Point: 0°C (32°F); **Boiling Point:** 100°C;

Density: 1g/mL; Filtered through a 0.2-micron filter.;

pH: 5.4 to 7.0 (at 25°C);

For several biological test procedures.

Low metal ion content: <=0.01ppm



Water DNA Grade



Quantity	Packaging	Cat. No.
1L	Nalgene Poly Bottle	BP24701

F.W. 18.02; CAS [7732-18-5]; Filtered through a 0.2-micron filter and autoclaved.; For DNA Work, DNase, Protease free; **pH:** 5.4 to 7.0 (at 25°C)



Water Molecular Biology Grade



Quantity	Packaging	Cat. No.
100mL	Poly Bottle	BP2819-100
1L	Nalgene Poly Bottle	BP2819-1
4L	Poly CUBE	BP2819-4
10L	Poly CUBE	BP2819-10
20L	Poly CUBE	BP2819-20

Clear colorless liquid; DNase-, RNase- and Protease-Free; H₂O; **F.W.** 18.02; CAS [7732-18-5]; **Melting Point:** 0°C (32°F); **Boiling Point:** 100°C; **Density:** 1.000g/mL; Filtered through a 0.03µm filter; **pH:** 5.4 to 7.0 (at 25°C) For many fundamental molecular biology procedures.



Water



Quantity	Packaging	Cat. No.
50mL	Nalgene Poly Bottle	BP2484-50
100mL	Poly Bottle	BP2484-100

F.W. 18.02; CAS [7732-18-5]; Filtered through a 0.2-micron filter.; DNase-, RNase-free; DEPC-treated and autoclaved.



Water Molecular Biology Grade



Quantity	Packaging	Cat. No.
1L	Nalgene Poly Bottle	BP561-1

F.W. 18.02; CAS [7732-18-5]; Filtered through a 0.2-micron filter.; For RNA Work, DEPC-treated and DNase-, RNase-free; DEPC-treated and autoclaved.



Water



Quantity	Packaging	Cat. No.
4L	Poly Coated Glass Bottle	MTX1280P1

Clear liquid; 0.095-0.105% (v/v); CF₃COOH in H₂O; **F.W.** 114.02

Water Bath



Quantity	Packaging	Cat. No.
1 Pc.	Chipboard Box	M64000WB94

Free-standing unit that attaches directly to the MIDAS™ III-Plus Automated Slide Stainer. With the Water Bath and Midas III-Plus connected, water is circulated from the Water Bath through the Rinse Station of the Midas III-Plus (Station 5) and back to the Water Bath.

Wright Giemsa Solution



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	23750078

APHA Wright Giemsa Solution; Boiling Point: 64.5° to 87.16°C; Polychromic stain for peripheral blood and bone marrow smears. Used for red blood cell morphology and white blood cell differentiation. Specifically formulated for staining malarial parasites. For in vitro diagnostic use. Prepared from dyes certified by the Biological Stain Commission (BSC). For use with the MIDAS™ III Automated Stainer.

Wright Giemsa Solution



Quantity	Packaging	Cat. No.
1L	Plastic Bottle	23750000

Fucillo Wright Giemsa Solution; Boiling Point: 64.5°C; Polychromatic stain for peripheral blood and bone marrow smears. Used for red blood cell morphology and white blood cell differentiation. For in vitro diagnostic use. Prepared from dyes certified by the Biological Stain Commission (BSC). For use with the MIDAS™ III Automated Stainer.

Wright Stain Solution



Quantity	Packaging	Cat. No.
4L	Plastic Bottle	23750076
1L	Plastic Bottle	23750075

Boiling Point: 64.5°C; Polychromatic stain for peripheral blood and bone marrow smears. Used for red blood cell morphology and white blood cell differentiation. For in vitro diagnostic use. Prepared from dyes certified by the Biological Stain Commission (BSC). For use with the MIDAS™ III Automated Stainer.

Xylene Cyanol FF



Quantity	Packaging	Cat. No.
10g	Glass Bottle	AC44070-0100
50g	Glass Bottle	AC44070-0500

~75%; C₂₅H₂₇N₂NaO₆S₂; **F.W.** 538.61; CAS [2650-17-1]; **Melting Point:** 295.0°C; Solubility in water: soluble.

Xylene Cyanole FF Electrophoresis Grade



Quantity	Packaging	Cat. No.
10g	Glass Bottle	BP565-10

Bluish-Green powder; C₂₅H₂₇N₂NaO₆S₂; **F.W.** 538.61; CAS [2650-17-1]; **Melting Point:** 295°C; **C.I.** 42135; **Recommended Storage:** Room Temperature



Xylenol Orange Tetrasodium Salt Certified



Quantity	Packaging	Cat. No.
5g	Glass Bottle	X15-5

Xylenol Orange Indicator; C₃₁H₂₈N₂Na₄O₁₃S; **F.W.** 760.59; CAS [3618-43-7]; **Melting Point:** 210°C; Indicator for bismuth. Also suitable as a chelometric indicator for cadmium, lead, mercury, lanthanum, scandium and thorium.



D-(+)-Xylose

F

Quantity	Packaging	Cat. No.
250g	Glass Bottle	BP708-250

White to off-white powder; $\geq 98\%$; $C_5H_{10}O_5$; F.W. 150.13;

CAS [58-86-6]; **Melting Point:** 148° to 153°C;

Recommended Storage: Room Temperature

ChemAlert
Storage Code
GRAY

Yeast Extract

F

Quantity	Packaging	Cat. No.
5kg	Poly Pail	BP9727-5

CAS [8013-0]; **Recommended Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place.

Ansell

less muscle effort **GREATER PRODUCTIVITY**

NEW



MICROFLEX® XCEED® WITH ERGOFORM™ ERGONOMIC DESIGN TECHNOLOGY

Microflex XCEED disposable nitrile gloves with ERGOFORM™ Ergonomic Design Technology are designed to reduce hand fatigue enabling workers to exert less muscle effort and increase productivity.

These innovative gloves support musculoskeletal health while minimizing the risk factors that lead to workplace injuries.



ERGOFORM™
Ergonomic Design Technology

MICROFLEX®

PPE

Apparel

Fisherbrand®

Disposable Polyethylene Apron

Lightweight plastic apron is sturdy enough to be reused

- Bib-style
- Size: 46L x 28 in.W
- Thickness: 1.0mil
- White
- Sold in handy dispenser pack



19-181-529

Description	Cat. No.	Quantity
Apron	19-181-529	50 per pack 5 pack per case

DuPont™ Tychem™ ThermoPro™ Sleeveless Aprons

DuPont™
Tychem™

Designed to help provide laboratory personal, industrial workers and hazmat responders with permeation protection against a broad range of toxic industrial chemicals and chemical warfare agents and to provide escape time from flash fires and protection from electric arc

- Tychem ThermoPro for triple hazard protection
- Sleeveless apron design provides frontal body protection
- For flash fire and electric arc hazards, partial body protective Tychem ThermoPro garments must be used in conjunction with primary flame resistant clothing that is rated for the fire/arc hazard.
- Sewn with Nomex™ thread
- Designed with Nomex waist strap and flame resistant (FR) nylon buckle
- Designed with end-user input for laboratory applications
- Ideal for use on top of an existing flame resistant (FR) garment where extra chemical protection is required
- Gray color for discretionary needs
- Made in the USA



19-122-006

COMPLIANCE:
North American Free Trade Agreement (NAFTA) and Trade Agreement Act (TAA).

Size	Mfr. No.	Cat. No.	Quantity
Gray			
Small	TP284TGYSM000400	19-122-000	4 per case
Medium	TP284TGYMD000400	19-122-001	4 per case
Large	TP284TGYMD000400	19-122-002	4 per case
X-Large	TP284TGYXL000400	19-122-003	4 per case
Orange			
Small	TP284TORSM000400	19-122-004	4 per case
Medium	TP284TORMD000400	19-122-005	4 per case
Large	TP284TORLG000400	19-122-006	4 per case
X-Large	TP284TORXL000400	19-122-007	4 per case
2X-Large	TP284TOR2X000400	19-141-761	4 per case

Kimberly-Clark Professional™ KleenGuard™ A70 Chemical Spray Protection Apron

Resistant to many water-based liquids, greases and oils, and liquid chemical sprays

- Yellow polyethylene-coated fabric
- Ties in back at waist
- Length: 44" (112cm)



19-166-520

Mfr. No.	Cat. No.	Quantity
97790	19-166-520	Case of 100

DuPont™ Tychem™ QC Coveralls

Flexible and durable light liquid splash protection



DuPont™ Tychem™

QC 122 Series Coveralls

Tychem QC is a polyethylene-coated Tyvek™ fabric that provides at least 30 minutes of protection against 42 chemical challenges.

- Attached hood with elastic around face opening
- Elastic opening for tighter fit at wrist
- Integrated socks composed of garment material
- Yellow for high visibility
- 10mil thickness

QC 122B

- Tightly sewn seam is covered with garment fabric to reinforce seam and reduce potential for particle penetration
- Storm flap covers zipper which can be sealed by the wearer with adhesive strip to prevent intrusion at zipper

QC 122S

- Multiple interlocking threads are sewn around the raw edges of garment material to create a strong, stress-resistant seam

Size	Mfr. No.	Cat. No.	Quantity
Bound seams			
Medium	QC122BYLMD001200	19-715-321	12 per case
Large	QC122BYLLG001200	19-014-971	12 per case
X-Large	QC122BYLXL001200	19-088-1691	12 per case
2X-Large	QC122BYL2X001200	19-085-218	12 per case
3X-Large	QC122BYL3X001200	19-085-219	12 per case
4X-Large	QC122BYL4X001200	19-051-254	12 per case
5X-Large	QC122BYL5X001200	19-141-760	12 per case
Serged seams			
Large	QC122SYLLG001200	19-088-326A	12 per case
X-Large	QC122SYLXL001200	01-361-32D	12 per case
2X-Large	QC122SYL2X001200	19-088-326B	12 per case
3X-Large	QC122SYL3X001200	17-987-27B	12 per case
4X-Large	QC122SYL4X001200	19-088-326D	12 per case

DuPont™ Tychem™ SL Coveralls with Hoods and Boots

Useful when handling many wet and dry chemicals, and certain hazardous materials, such as PCBs

DuPont™ Tychem™



Tychem SL Coveralls

Effective protection against a range of chemicals. Excellent for waste management, PCB clean-up, hazardous response and nuclear environments.

- DuPont™ Tyvek™ fabric laminated with Dow™ Saranex™-23P film
- Taped seams
- Elastic wrists and face
- Zipper front with storm flap
- Hoods and boots attached to all models (01-361-5 Series have attached hoods and sock boots¹)
- Models are sewn and taped to provide chemical resistance against heavy liquid splashes and tough seam stress

ALERTS: Garments made of Tyvek™ should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

¹Attached socks are to be worn inside the user's own chemical protective boots. The boot splash cover adds additional protection. These attached socks do not have adequate durability or slip resistance to be worn as outer footwear covering.

Size	Mfr. No.	Cat. No.	Quantity
Medium	SL122TWHMD000600	19-088-348B	6 per case
Large	SL122TWHLG000600	19-088-348C	6 per case
X-Large	SL122TWHXL000600	19-088-348D	6 per case
2X-Large	SL122TWH2X000600	19-088-348E	6 per case
3X-Large	SL122TWH3X000600	19-088-348F	6 per case
4X-Large	SL122TWH4X000600	19-088-348G	6 per case

KleenGuard™ A70 Chemical Spray Coveralls

Reflex™ design offers 12% more chest room and 6% longer body length



Coveralls provide protection for hazardous waste remediation, environmental cleanup, petrochemical and oil refining, acid and caustic handling, biohazard cleanup, tank cleaning and pharmaceutical manufacturing.

- Elastic wrists, attached hood and boots, bound seams
- Storm flap provides a seamless chest area
- Water-resistant zipper and wick-away lining for enhanced comfort
- Wickaway lining for enhanced comfort
- Yellow

COMPLIANCE:
Meet ASTM™ F 903 penetration test standards.



19-166-486

Size	Mfr. No.	Cat. No.	Quantity
Medium	00682	19-166-485	12 per case
Large	00683	19-166-486	12 per case
X-Large	00684	19-166-487	12 per case
2X-Large	00685	19-166-488	12 per case
3X-Large	00686	19-166-489	12 per case
4X-Large	00687	19-166-490	12 per case

Onguard™ Polyblend™ Work Boots



Ideal for use in chemical and poultry processing plants, in mining, and in commercial fishing

Polyurethane and PVC plastic provide the moderate chemical resistance of these injection-molded, one-piece boots.

- Steel shanks
- Removable, washable cushion insoles
- Pull-up and kick-off lugs
- Molded pant stays to keep pants tucked inside the boot shaft
- Black with gray cleated nonslip outsoles
- 16 in. high (41cm)
- Steel toe



17-986-329

ORDERING INFORMATION: To shorten boot, cut shaft at cut-off line.

COMPLIANCE: Steel toe meets or exceeds ASTM™ F2413-11.

Size	Mfr. No.	Cat. No.	Quantity
6	861020600	17-986-326	Pair 6 pack per case
7	861020700	17-986-327	Pair 6 pack per case
8	861020800	17-986-328	Pair 6 pack per case
9	861020900	17-986-329	Pair 6 pack per case
10	861021000	17-986-330	Pair 6 pack per case
11	861021100	17-986-331	Pair 6 pack per case
12	861021200	17-986-332	Pair ----
13	861021300	17-986-333	Pair ----

Servus™ by Honeywell XTP™ PVC Non-Safety Toe Work Boots



Injection molded seamless construction for 100% waterproof protection

- Triple Density Technology uses proprietary compound formulations for increased resistance to degradation from many harsh chemicals
- Dual compound outsole perimeter formulated for tough, long-wearing support and a soft, centersole for better traction and cushion comfort
- Built-in ergonomic foot bed fights fatigue
- Higher, wider, kick-off lugs for easy on/off convenience
- 100% waterproof
- Height: 15 in. (38.1cm)
- Black/Red/Gray



19-920-125

APPLICATIONS: Ideal for general industrial, farming and occupational use.

Size	Mfr. No.	Cat. No.	Quantity
3	75108/3	19-920-119	Pair
4	75108/4	19-920-120	Pair
6	75108/6	19-920-122	Pair
7	75108/7	19-920-123	Pair
8	75108/8	19-920-124	Pair
9	75108/9	19-920-125	Pair
11	75108/11	19-920-127	Pair
12	75108/12	19-920-128	Pair
13	75108/13	19-920-129	Pair
14	75108/14	19-920-130	Pair
15	75108/15	19-920-131	Pair

Eye Protection

Fisherbrand® Chemical Splash

Lens coated to minimize scratching and fogging



19-181-503

- Built for comfortable protection with a soft, flexible PVC body that conforms to facial contours
- Large frames fit over most prescription eyewear
- Coated, clear polycarbonate lens resists impact, scratching and fogging
- Headstrap easily adjusts for a custom fit
- Protect eyes from dust, mist and other airborne particles
- Perforations on goggle top and sides provide direct ventilation

COMPLIANCE:
Meet ANSI™ Z87.1-2010

Description	Cat. No.	Quantity
Chemical Splash	19-181-504	12 per pack

Uvex™ by Honeywell Stealth™ Chemical Splash Goggles



Sleek, low-profile design fits well with respirators, hardhats or welding helmets

- Polycarbonate lens is coated with uvextreme™ anti-fog coating (XTR) for protection against fogging, scratches, static dust and 99.9% of harmful UV rays up to 385nm
- Toric lens provides superior optics and improves peripheral vision
- Combines durable polypropylene frame and soft, flexible elastomer inner flange
- Provides superior splash protection
- Indirect ventilation system directs airflow over the lens to minimize fogging and improve vision — without compromising splash and impact protection
- Neoprene headband is textured to prevent slipping and features quick-adjust clips for easy and secure fit
- Snap-off/snap-on lens replacement system suits many applications and environments



18-999-2312

ORDERING INFORMATION:

Visit www.fishersci.com (keyword: uvex stealth) for replacement lenses and Rx carrier adapter that allows prescription glasses to be used with goggles.

COMPLIANCE:

Meet ANSI™ Z87.1-2010 and CSA Z94.3 standards.

Lens Tint	Mfr. No.	Cat. No.	Quantity
Light Gray/Charcoal Gray Body			
Clear	S3960C	18-999-2312	Each 50 per case
Clear [†]	S3960D	17-377-403	Each 50 per case
Gray	S3961C	18-999-2314	Each 50 per case
Amber	S3962C	18-999-2313	Each 50 per case
Teal/Light Gray Body			
Clear	S39610C	18-999-2315	Each 50 per case
Gray	S39611C	18-999-2316	Each 10 per pack
Gray/Gray Body			
Clear	S3960CI	19-823-231	Each 50 per case

[†]17-377-403 has Dura-streme coating

Safety Choice™ Economy Chemical Resistant Goggles



Affordable protection



19-181-501

- Clear polycarbonate lens
- Soft, flexible PVC body molds to facial contours for a comfortable fit
- Adjustable headstrap ensures custom fit

Chemical Splash

- Shield eyes from dust, mist and other airborne particles
- Direct vents on goggle top and sides

COMPLIANCE: Meet ANSI™ Z87.1-2010

Description	Mfr. No.	Cat. No.	Quantity
Chemical Splash	SG23450	19-181-502	Each 12 per pack

3M™ Maxim™ Splash Goggles

Wide lens offers extensive sightline with superior peripheral range and no distortion



19-165-401

- Lightweight frame with polymetric materials ensure comfort at cheeks, forehead and nose
- Duosoft shroud for all-day comfort
- Indirect ventilation for improved circulation, comfort and reduced fogging
- Fits over most prescription eyewear
- Anti-fog coated lens

COMPLIANCE: Meets ANSI™ Z87.1-2010 and CSA Z94.3-2007 standards.

ALERTS:

The 3M products in this catalog must be used in accordance with OSHA regulations, and the user instructions, warnings, and limitations accompanying each product.

Model	Mfr. No.	Cat. No.	Quantity
OTG	40671-00000-10	19-165-401	10 per case



Jackson Safety™ V8o MonoGoggle™ Safety Goggles

Durable PVC frame for outstanding impact resistance and comfort



17-277A

- Standard or fog-resistant VisiClear™ polycarbonate lens provides 99.9% UV protection up to 380nm
- Patented ventilation system minimizes condensation while internal baffles protect eyes from dust and chemical splash
- Soft, pliable nosepiece molds to facial contours
- Headband attaches at the back of the frame for full peripheral vision
- **Standard MonoGoggle with VisiClear** with standard PVC frame or with foam-padded frame for additional impact resistance and comfort
- **Respirator-Fit MonoGoggle** designed to be worn with a half-mask cartridge or disposable respirator, without inhibiting their protective fit

COMPLIANCE: Meet ANSI™ Z87.1-2010 standards.

Description	Mfr. No.	Cat. No.	Quantity	
VisiClear Lens				
MonoGoggle	14387	17-277-1A	Each	36 per pack
MonoGoggle with Comfort Foam	16668	19-062-307	Each	36 per case
MonoGoggle with Smoke Frame	16670	19-706-025	Each	36 per case
MonoGoggle with Respirator Fit	16669	17-277-1B	Each	36 per case
Clear Lens				
MonoGoggle	14384	17-277A	Each	36 per case

PIP™ Bouton™ Optical Dual Lens Goggles

Designed to provide ultimate anti-fog protection for any work environment



- Low profile design for use with head protection
- Indirect ventilation protects against liquid splash
- 99.99% UVA and UVB light filtration
- Transparent gray frame
- Elastic or Neoprene headband
- PVC/Synthetic foam padding

Specifications:

- Lens type: Dual, Anti-fog
- Outside lens material: Polycarbonate 99.99% UVA and UVB light absorption
- Inside lens material: Acetate
- Thickness: 2mm
- Base curve: 5.75
- Frame: PVC

Packaging Details:

- 10 pair per inner box, 60 pair per case
- Inner box size: 11 x 7.5 x 6.1 in. (28 x 19 x 15.5cm)
- Inner box weight: 3lb. (1.4kg)
- Case size: (24 x 13 x 17 in.) 61 x 33 x 43cm
- Case weight: Neoprene headband: (20 lb.) 9kg; Elastic headband: 21.2 lb. (9.6kg)



19-148-212

Lens Tint	Material	Mfr. No.	Cat. No.	Quantity	
Clear	Elastic	251-65-0020	19-148-205	----	60 per case
Clear	Neoprene	251-65-0020-RHB	19-148-206	----	60 per case
Gray	Neoprene	251-65-0021-RHB	19-148-212	10 per pack	6 pack per case

COMPLIANCE: Meet ANSI™ Z87.1-2010 standard

Hand Protection

Ansell™ ChemTek™ Viton/Butyl Chemical Handling Gloves



North™ by Honeywell Butyl Gloves



by Honeywell

High permeation resistance to gas or water vapors

For aggressive chemical handling

- Offers an extra level of protection in applications involving aromatic chemicals and chlorinated solvents
- Viton layer over butyl means lower-cost glove for aggressive chemical exposure
- Delivers unique balance of ergonomic design and tactile sensitivity with optimum chemical splash protection
- Smooth grip
- Length: 21 in. (30.4cm)



19-025-587

ORDERING INFORMATION:

Each pair is packed with an individual informational insert so critical information is always at your fingertips.

For use with ketones and esters, and applications such as aircraft maintenance, automotive, chemical handling and processing and hazmat work.

- Made from butyl synthetic rubber
- All gloves have rolled cuffs
- Available with smooth or rough Grip Saf™ finish for wet applications
- Unlined with sanitized interior
- 11mil, 13 in. Long (27.9cm), Smooth Finish

19-161-442

Size	Mfr. No.	Cat. No.	Quantity
8	38-612 8 103210	19-162-032	Dozen 3 dozen per case
9	38-612-9	19-161-442	Dozen 3 dozen per case
10	38-612 10 103212	19-162-033	Dozen 3 dozen per case

Size	Mfr. No.	Cat. No.	Quantity
7	B131/7	11-394-9A	Pair
8	B131/8	11-394-9B	Pair
9	B131/9	11-394-9C	Pair
10	B131/10	11-394-9D	Pair
11	B131/11	11-394-9E	Pair

Ansell™ Unsupported Neoprene Gloves



Embossed finish for better grip

Case hardened to provide excellent resistance to abrasion and a wide range of chemicals, including oils, acids, caustics and solvents. Feature straight cuffs, curved fingers, contoured palm.

- Flock-Lined
- Soft, cotton-flock lining absorbs perspiration
- Lining, plus generously proportioned wrist make donning and doffing easy
- Length: 13 in. long (33cm)
- Thickness: 18mil



11-391-130C

Size	Mfr. No.	Cat. No.	Quantity
7	29 865 7	11-391-130A	Dozen 12 dozen per case
8	29 865 8	11-391-130B	Dozen 12 dozen per case
9	29 865 9	11-391-130C	Dozen 12 dozen per case
10	29 865 10	11-391-130D	Dozen 12 dozen per case

MAPA Professional™ StanZoil™ Knit-Lined Multi-Layer Supported Neoprene Gloves



Ansell™ Solvex Nitrile Gloves



Embossed texture improves grip for easier handling of wet and slippery objects

Combine flexibility with abrasion, cut and tear resistance



11-392-31C

Unique multi-dip construction offers liquidproof hand protection and excellent chemical resistance to most oils, grease, acids, caustics, alcohols and solvents. Ideal for applications involving assembly, degreasing, lubricating, castings, steam cleaning, motor parts, chemical processing, petroleum refining, grinding, filing, metal finishing and general maintenance.

- Neoprene overdip in glove work area eliminates pinholes and weak spots throughout the glove and cuff
- Nonslip finish ensures a safe grip—even on wet or oily parts
- Two-way stretch cotton interlock knit lining insulates from heat and cold and absorbs perspiration
- Seamless liner in work area protects hands from chafing
- Roomy thumb crotch for long-wear comfort
- Pinked cuff
- Washable

COMPLIANCE: Meet 21CFR 170-199.

Size	Mfr. No.	Cat. No.	Quantity	
12 in. Long (30cm), Blue with Black Overdip				
7	334946	11-392-31A	Dozen	6 dozen per case
9	334948	11-392-31C	Dozen	6 dozen per case
10	334949	11-392-31D	Dozen	6 dozen per case
14 in. Long (36cm), Blue with Black Overdip				
8	337428	11-388-118A	----	4 dozen per case
9	337429	11-388-118B	Dozen	4 dozen per case
10	337420	11-388-118C	Dozen	4 dozen per case
11	337421	11-388-118D	Dozen	4 dozen per case



11-391-139C

Ideal for numerous applications involving chemical processing, oil refining, petrochemicals, food processing and aerospace and automotive degreasing, as well as furniture and battery manufacturing. Strong and chemical resistant — will not weaken or swell in many solvents, caustics or animal fats.

- Nitrile construction protects against abrasions, cuts, snags and punctures
- Curved finger design and contoured palm help reduce fatigue
- Full cut for easy donning and doffing
- Contain no protein allergens; Will not promote contact dermatitis
- Dark Green

COMPLIANCE:

Comply with FDA food handling requirements (21 CFR 177.2600).

Size	Mfr. No.	Cat. No.	Quantity	
13 in. Long (33cm), 15mil Thick				
7	37-155 7 117141	11-391-137A	Dozen	12 dozen per case
8	37-155 8 117142	11-391-137B	Dozen	12 dozen per case
9	37-155 9 117143	11-391-137C	Dozen	12 dozen per case
10	37-155 10 117144	11-391-137D	Dozen	12 dozen per case
11	37-155 11 117145	11-391-137E	Dozen	12 dozen per case
13 in. Long (33cm), 15mil Thick, Flock-Lined				
6	37-175 6 117272	11-391-139A	Dozen	12 dozen per case
7	37-175 7 117273	11-391-139B	Dozen	12 dozen per case
8	37-175 8 117274	11-391-139C	Dozen	12 dozen per case
9	37-175 9 117275	11-391-139D	Dozen	12 dozen per case
10	37-175 10 117276	11-391-139E	Dozen	12 dozen per case
11	37-175 11 117277	11-391-139F	Dozen	12 dozen per case
18 in. Long (46cm), 22mil Thick				
7	37-185 7 117298	11-391-140A	Dozen	----
8	37-185 8 117299	11-391-140B	Dozen	----
9	37-185 9 117300	11-391-140C	Dozen	----
10	37-185 10 117301	11-391-140D	Dozen	----
11	37-185 11 117302	11-391-140E	Dozen	----

Ansell™ Sol-Knit™ Gloves



Reinforced nitrile with comfortable reinforced cotton liner

Ideal for automotive assembly and painting, petrochemical refining, chemical handling and processing, degreasing, general maintenance work, graphic arts and printing cleanup. Resist wear and tear from abrasion and sharp edges, as well as harm from fuels, lubricants, acids, solvents and a wide range of other chemical hazards.

- Prevent hand irritation and premature wear-through
- Feature textured palm and fingers for gripping wet or dry objects
- Curved, flexed fingers and wing thumb reduce hand fatigue, providing extra working comfort
- Interlock knit liner adds strength and eliminates seams from working areas
- Length: 12 in. (30.5cm) or 14 in. (35.6cm)



11-394-38 Series

Size	Mfr. No.	Cat. No.	Quantity	
12 in. Long (30.5cm)				
8	39-122 8 217801	11-394-38B	Dozen	6 dozen per case
9	39-122 9 217802	11-394-38C	Dozen	6 dozen per case
10	39-122 10 217803	11-394-38D	Dozen	6 dozen per case
14 in. Long (35.6cm)				
7	39-124/7	19-806-114	Pair	72 pair per case
8	39-124/8	19-806-115	Pair	72 pair per case
9	39-124/9	19-806-116	Pair	72 pair per case
10	39-124/10	19-806-117	Pair	72 pair per case

PIP™ Unsupported Light Weight Nitrile Gloves



Lightweight construction and hand-specific design provide real comfort with protection

- Provides flexibility, tactile sensitivity and dexterity sometimes lacking in heavier gauge unsupported nitriles
- Provides the protection from chemical and physical hazards not always found in thinner gauge nitrile disposables
- Raised diamond grip pattern provides excellent grip
- Unlined to reduce potential of product contamination
- Thickness: 11mil.
- 13 in. long
- Chlorinated



19-151-233

APPLICATIONS:

Light chemical applications, printing and meat and poultry processing.

CERTIFICATIONS:

Made from component materials which comply with Federal regulations for food contact. 21CFR, 170-199.

Size	Mfr. No.	Cat. No.	Quantity	
Medium	50-N110GPR/M	19-151-232	Dozen	12 dozen per case
Large	50-N110GPR/L	19-151-233	Dozen	12 dozen per case
X-Large	50-N110GPR/XL	19-151-234	Dozen	12 dozen per case

PIP™ ATG™ MaxiChem™ Cut™ Nitrile Blend Coated Gloves



Developed for people working with chemicals while also requiring a level of cut protection

- Chemical resistance delivered through ATG LiquiTech™ technology platform
- Seamless knit engineered yarn
- Ultra lightweight micro-foam nitrile coating
- Super light seamless knit HPPE liner provides comfort, sensitivity, fit and dexterity
- Gauntlet cuff keeps cuff close to hand to maintain fingers at tip of gloves to maximize dexterity
- Micro-cup non-slip grip finish on palm for controlled and superior grip in oily and wet applications
- All manufacturing ingredients comply with REACH legislation
- Green shell, black grip and white liner



19-148-209

APPLICATIONS: General handling and handling small castings, handling of small components, light metal fabrication and parts handling.

CERTIFICATIONS: CE.

Size	Mfr. No.	Cat. No.	Quantity
Small	56-633/S	19-148-207	Dozen 6 dozen per case
Medium	56-633/M	19-148-208	Dozen 6 dozen per case
Large	56-633/L	19-148-209	Dozen 6 dozen per case
X-Large	56-633/XL	19-148-210	Dozen 6 dozen per case
2X-Large	56-633/XXL	19-148-211	Dozen 6 dozen per case

Ansell™ Chemi-Pro™ Gloves



Unique dipping process places neoprene over natural latex

Ideal for aircraft assembly, automotive manufacturing, battery manufacturing, chemical plants, food processing, pesticide manufacturing and plant maintenance. Increased protection against a wide range of chemicals, including acids, alcohols, animal fats, caustics, salts, petroleum-based solvents, detergents and ketones.

- Longer than standard gloves for added forearm protection
- Recessed diamond embossed diamond pattern ensures secure grip on wet or dry surfaces
- Cotton flock lining absorbs perspiration, enhancing worker comfort
- Pinked cuff
- Length: 13 in. (33cm)
- Thickness: 27mil



19-014-486

Size	Mfr. No.	Cat. No.	Quantity
7	00-224 7 192241	19-014-481	Dozen 12 dozen per case
8	00-224 8 192243	19-014-484	Dozen 12 dozen per case
9	00-224 9 192245	19-014-486	Dozen 12 dozen per case
10	00-224 10 192247	19-014-488	Dozen 12 dozen per case

MAPA Professional™ StanSolv™ Unlined Nitrile Gloves



Comfort and dexterity despite high mechanical strength

- Z-Pattern grip channels liquids away from glove surface for an enhanced grip in wet applications
- Nitrile compound provides resistance to snags, punctures, abrasions and cuts
- Chlorinated finish provides easy on/off
- Straight cuff

STORAGE: Store gloves in their packaging protected from light, humidity and heat.

Length	Size	Exterior Texture	Mfr. No.	Cat. No.	Quantity
15mil					
13 in. (33cm)	7	No-Slip Grip	479417	11-392-2A	Dozen 6 dozen per case
13 in. (33cm)	8	No-Slip Grip	479418	11-392-2B	Dozen 6 dozen per case
13 in. (33cm)	9	No-Slip Grip	479419	11-392-2C	Dozen 6 dozen per case
13 in. (33cm)	10	No-Slip Grip	479410	11-392-2D	Dozen 6 dozen per case
13 in. (33cm)	11	No-Slip Grip	479411	11-392-2E	Dozen 6 dozen per case
22mil					
14 in. (35.5cm)	7	Embossed	474557	11-392-4A	---- 48 per case
14 in. (35.5cm)	10	Embossed	474550	11-392-4D	---- 48 per case
14 in. (35.5cm)	11	Embossed	474551	11-392-4E	---- 48 per case
18 in. (45.7cm)	8	Embossed	480428	19-042-652	Dozen ----
18 in. (45.7cm)	9	Embossed	480429	11-392-5A	Dozen ----
18 in. (45.7cm)	10	Embossed	480420	11-392-5B	Dozen ----



11-392-2C

Respiratory Protection

3M™ 6000 Series Reusable Reusable Half Facepiece

Combines features of both reusable and disposable respirators to provide effective protection



17-986-9B

- Lightweight half facepiece features adjustable headstraps and cradle suspension
- Low-profile facepiece offers excellent visibility and allows comfortable wearing of safety spectacles
- Backswep cartridges balance better on the face while their large surface area ensures low breathing resistance

ORDERING INFORMATION:

Probed models for fit test only—not for use as a respirator. Cartridge/filter combinations sold separately.

INCLUDES:

Reclosable storage bag.

REQUIRES:

Facepiece requires compatible cartridges and/or filters (sold separately).

CERTIFICATIONS:

NIOSH approved under 42CFR84 for use against a variety of respiratory hazards, when used as designed with appropriate cartridges and filters.

Size	Mfr. No.	Cat. No.	Quantity	
Facepiece Without Filters				
Small	6100	17-986-9A	Each	24 per case
Medium	6200	17-986-9B	Each	24 per case
Large	6300	17-986-9C	Each	24 per case
Probed Models For Fit Test Only				
Medium	6200Q	17-987-3A	Each	4 per case
Large	6300Q	17-987-3B	Each	4 per case

3M™ 6000 Series Reusable Full Facepiece

Requires limited maintenance time — reducing need for expensive repair programs



18-999-4556

- No retainers or extra parts needed to attach filters, cartridges or dual airline
- Soft, lightweight facepiece material and easy-to-use headstraps
- Large lens with scratch-resistant hardcoat

REQUIRES:

Compatible cartridges and/or filters (sold separately). Compatible with Series 2000 and 7093 filters and Series 6000 cartridges.

CERTIFICATIONS:

NIOSH approved for 3M Negative Pressure Air-Purifying Respirators, Positive-Pressure Dual Airline Respirators and some 3M PAPRs (with DIN adapter).

Size	Mfr. No.	Cat. No.	Quantity	
Small	6700	18-999-4555	Each	4 per case
Medium	6800	18-999-4556	Each	4 per case
Large	6900	18-999-4557	Each	4 per case



WARNING

Do not exceed maximum use concentration established by regulatory standards. If respirator becomes damaged, soiled, or breathing becomes difficult, leave the contaminated area and dispose of the respirator. Before each use of the product, please inspect for any rips, damage, tears, etc. These safety products must be used in accordance with OSHA regulations and the user instructions, warnings and limitations accompanying each product. **Misuse may result in sickness or death.**

3M™ 6000 Series Cartridge/P100 Particulate Filter Combinations



Preassembled with P100 filters

- Can be used for contaminant concentration up to 10X the Permissible Exposure Limit (PEL) with half-facepiece respirators, or 50X the PEL with full-facepiece respirators (when quantitatively fit-tested) or according to specific OSHA standards or applicable government regulations, whichever is lower
- Not for use in atmospheres that are unknown or immediately dangerous to life or health (IDLH)
- Cartridge/filter assemblies using P100 filters are 99.97% efficient against solid and liquid aerosols, including oils



18-999-4550

Approved for	Mfr. No.	Cat. No.	Quantity	
Acid Gas/P100				
Chlorine, hydrogen chloride, chlorine dioxide, sulfur dioxide, hydrogen sulfide; P100 (99.97% efficient against solid and liquid aerosols, including oils)	60922	18-999-4549	2 per pack	30 pack per case
Ammonia/Methylamine/P100				
Ammonia; methylamine; P100 (99.97% efficient against solid and liquid aerosols, including oils)	60924	18-999-4551	2 per pack	30 pack per case
Formaldehyde/Organic Vapor/P100				
Formaldehyde; organic vapors; P100 (99.97% efficient against solid and liquid aerosols, including oils) ¹	60925	18-999-4552	2 per pack	30 pack per case
Mercury Vapor/Chlorine/Sulfur Dioxide P100				
Mercury vapor; chlorine; sulfur dioxide P100 (99.97% efficient against solid and liquid aerosols, including oils)	60929S	19-070-341	2 per pack	30 pack per case
Multi-Gas/Organic Vapor/P100				
Organic vapors; chlorine, chlorine dioxide, hydrogen chloride, sulfur dioxide, hydrogen fluoride, hydrogen sulfide; ammonia; methylamine; formaldehyde; P100 (99.97% efficient against solid and liquid aerosols, including oils) ¹	60926	18-999-4567	2 per pack	30 pack per case
Organic Vapor/P100				
Certain organic vapors; P100 (99.97% efficient against solid and liquid aerosols, including oils)	60921	18-999-4548	2 per pack	30 pack per case
Organic Vapor/Acid Gas/P100				
Certain organic vapors; chlorine, hydrogen chloride, sulfur dioxide, hydrogen fluoride, hydrogen sulfide; P100 (99.97% efficient against solid and liquid aerosols, including oils)	60923	18-999-4550	2 per pack	30 pack per case
Organic Vapor/Acid Gas/P100²				
Certain organic vapors; chlorine, hydrogen chloride, sulfur dioxide, hydrogen fluoride, hydrogen sulfide; P100 (99.97% efficient against solid and liquid aerosols, including oils). 3M recommended for use against radioiodine or methyl bromide up to 5ppm with daily cartridge change.	60928	19-096-901	----	Case of 60

¹OSHA regulations require that gas-proof goggles be worn with half-facepiece respirators when used against formaldehyde. For information about appropriate goggle selection, contact your Fisher Scientific Customer Service Representative.

² See 3M Technical Data Bulletin #146 for specific usage recommendations.



WARNING

Do not exceed maximum use concentration established by regulatory standards. If respirator becomes damaged, soiled, or breathing becomes difficult, leave the contaminated area and dispose of the respirator. Before each use of the product, please inspect for any rips, damage, tears, etc. These safety products must be used in accordance with OSHA regulations and the user instructions, warnings and limitations accompanying each product. **Misuse may result in sickness or death.**

Facility Safety and Maintenance

Communications

Brady™ GHS Training Kit



Contains everything you need to train your employees, including reference materials for the ongoing regulatory changes that the Hazard Communication Standard requires

GHS HazCom Training Program Kit (19-041-052)

Kit includes: a DVD with 2 videos on the GHS standard that will help employees understand the new GHS label elements, identify the new GHS pictograms and how to read and interpret the new GHS Safety Data Sheets. Along with the DVD, this program comes with a comprehensive instructor's guide, employee quiz, accompanying PowerPoint presentation, and 5 employee handbooks.

GHS Introduction Poster Pack (19-141-906)

Includes: posters that outline 3 key topics for employees 22W x 17" H

Print-On-Demand Solution

Features: BBP™33 Label Printer with AutoCutter and MarkWare™ Software (19-140-594) - An easy-to-use, versatile printer that can print signs / labels up to 4" wide featuring a large touchscreen display with drag and drop label design, an intuitive home screen that allows you create labels in as little as two steps.

GHS Reference Center Poster (19-141-908)

Features; large poster measuring 25.5H x 39.5" W

SDS Binder Centers (19-141-530)

Includes: incorporate our new SDS binders with a "Right To Know Compliance Center" backboard and wire rack. These highly visible centers are a great place to store your safety data sheets so they are easily accessible to all employees. 1.5" Binder, ENGLISH Overall size: 20W x 14H x 4.5"D

GHS Wallet Cards (19-147-1907)

2.1W x 3.4"H cards show all 9 new GHS Hazard Pictograms



GHS_Package

Custom GHS Sign

Flexible, self sticking polyester GHS Sign B302 in all sizes- 7 x 10" or larger

- The Hazard Communication Standard (HCS) is now aligned with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)
- This update to the Hazard Communication Standard (HCS) will provide a common and coherent approach to classifying chemicals and communicating hazard information of labels and safety data sheets

INCLUDES:

GHS HazCom Training Program Kit, GHS Introduction Poster Pack, BBP™ 33 Label Printer with Auto Cutter and MarkWare™ Software, GHS Reference Center Poster, SDS Binder Centers, GHS Wallet Cards, Custom GHS Sign

Mfr. No.	Cat. No.	Quantity
Y3384873	19-041-050	Each

Brady™ BMP™ 21 LAB Label Printer

Designed specifically for use in autoclaves, liquid nitrogen, freezers, hot baths and are unaffected by lab chemicals

- Prints 0.25 to 0.75 in. wide identification to maximize amount of data
- Vial label function automatically cuts tape according to size of vial
- Greek symbols, time and date stamps for enhanced sample tracking
- Built-in automated serialization and bar code
- ABC keypad, graphics library, label setup keys and menu functions for fast label creation
- Rechargeable Lithium-ion battery
- Smart Cell Technology for automatic label setup
- Also available as kit (BMP21-LAB-KIT1) which includes the AC adapter
- Molded rubber bumpers provides protection from falls
- Grab and go ridges grip for easy handling
- Cutter and label grabber to hold label after cutting
- Single color printing capability
- Three line LCD display for clear visibility
- Maximum roll length: 6.4m (21 ft.)
- Blue/Gray
- Size: 9.63 × 4.94 × 2.60 in. (24.46L × 12.5W × 6.6cm H)



BRADY 360
2 YEAR
WARRANTY

19-102-825



APPLICATIONS:

Laboratory Identification, Data Communications Labeling, General and Industrial Labeling, Panel Identification, Wire and Cable Marking, Facility, Safety and Maintenance Identification, Barcode Labeling, Circuit Board Labeling, Healthcare Identification, Lean/5S Labeling.

INCLUDES: BMP21 LAB Printer, M21-750-7425 Label Cartridge, Hard Case and Quick Start Guide.

WARRANTY: Two years.

COMPLIANCE: BMP21-LAB: RoHS Compliant, WEEE, EU REACH SVHCBMP21-LAB-KIT1: RoHS Compliant, WEEE.

Description	Mfr. No.	Cat. No.	Quantity
BMP21 LAB Label Printer	BMP21-LAB	19-102-824	Each
BMP21 LAB Label Printer Kit	BMP21-LAB-KIT1	19-102-825	Each

First Aid

North™ by Honeywell First Aid Stations



by Honeywell

Ideal for large office or manufacturing settings

Includes:

- 3 × 0.75 in. cloth adhesive bandages
- 3 × 1 in. plastic adhesive bandages
- XL plastic adhesive bandages
- 2 in. elastic bandage
- Cloth fingertip bandages
- Cloth knuckle bandages
- Quick Stop bandage
- Non-sterile triangular bandage
- 6 yd. × 3 in. conforming bandage
- 6 yd. × 2 in. conforming bandage
- 3 × 2 in. non-adherent pads
- 5 yd. × 0.5 in. adhesive tape
- 3 × 3 in. sterile gauze pads
- Alcohol prep pads
- Antibiotic ointment
- 2 oz. Burn pump spray
- CPR Micorshield™ with gloves and wipes
- Eye dressing pads with adhesive strips
- 4 oz. Eye-Lert™ eyewash
- 1 square yd. gauze compress
- Pointed plastic forceps
- Angled, red handle scissors
- Non-Aspirin Pain-A-Rest™
- Synthetic medical gloves
- First Aid Guide



17-986-558

No. of Persons	Size	Mfr. No.	Cat. No.	Quantity
100	15 × 10.5 × 4.7 in.(38.1 × 26.6 × 11.9cm)	019720-4516F	17-986-557	Each
150	18 × 11.8 × 6 in.(45.7 × 29.9 × 15.2cm)	019721-4517F	17-986-558	Each
200	22 × 17 × 6 in.(55.8 × 43.1 × 15.2cm)	019722-4518F	17-986-559	Each

Eyewash Stations

Honeywell Fendall Pure Flow 1000™ Portable Emergency Eyewash Station



Self-contained, gravity-fed emergency eyewash

Delivers 7 gal. (26.4L) saline solution — purified, contaminant-free and physiologically correct — from a sealed, integrated delivery module.

- Highly visible green color provides easy identification in an emergency situation
- Sure-grip handle provides instant, simple activation
- Activation straps display expiration date; Integral drain valve allows easy draining of reservoir after use
- Integral fluid reservoir captures waste fluid, eliminating potential safety hazards and simplifying fluid disposal
- Cover keeps dirt and trash from collecting in the basin and nozzle
- Unit can be serviced in five minutes or less
- With provision for locking device

INCLUDES:

Vinyl eyewash sign, 8 × 10 in. (20.3 × 25.4cm).

REQUIRES:

Two solution cartridges (Cat. No. 18-999-265B, sold separately).

COMPLIANCE:

Constant flowrate meets ANSI™ Z358.1-2004.



18-999-265A

Description	Mfr. No.	Cat. No.	Quantity
Pure Flow 1000	32-001000-0000	18-999-265A	Each

Fisher Scientific™ Faucet-Mount Personal Eyewash



Ideal economical eyewash for laboratory applications

Unit is activated by an actuator pin on adapter. When pin is in closed position, faucet can be used for normal operation.

- Mounts to both standard and gooseneck faucets
- Features chrome-plated brass pipe, fittings, faucet adapter and twin sprayhead assembly
- Yellow dust covers pop off when eyewash is activated

ORDERING INFORMATION:

Adapter on unit is 0.86 in. × 27 thread (female), but includes two additional adapters to fit most faucets (0.81 in. × 27 thread [male] and 0.94 in. × 27 thread [male])

INCLUDES:

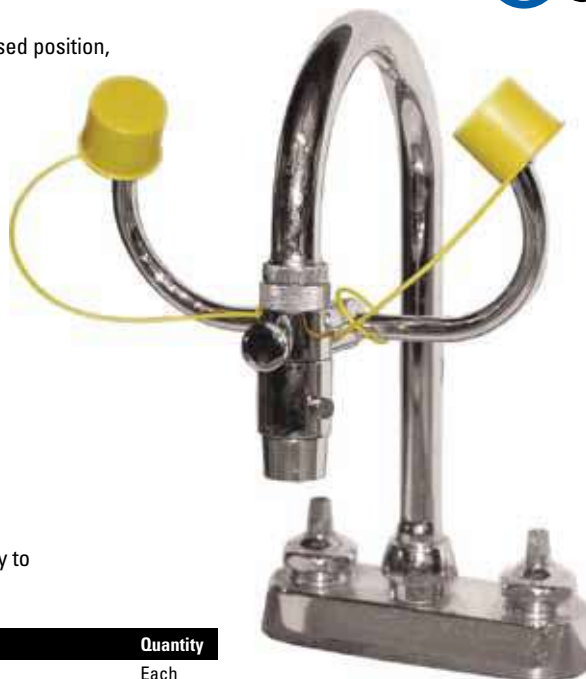
Safety sign and inspection tag.

CERTIFICATIONS:

SEI certified to comply with ANSI™ Z358.1-2004.

NOTES:

To eliminate risk of scalding the eyes, disconnect hot water supply to the faucet or install tempered water system.



19-150-0470

Description	Cat. No.	Quantity
Faucet-Mount Personal Eyewash	19-150-0470	Each

Hazardous Handling

Justrite™ Blue Polyethylene Acid Storage Cabinets



Maximum protection against harsh environments and corrosives

- For highly corrosive acids
- Clearly labeled with "ACID"
- Accept a padlock (not included) for added security

Countertop Model

- Door can be hinged from either side for best countertop space utilization
- Polyethylene spill tray inside contains leaks and removes for easy cleaning
- A separate polyethylene tray stores under cabinet and can be used as a work tray

Undercounter Model

- Each segregated compartment has an adjustable shelf and storage in both doors for small containers
- Two removable sumps slide out for easy cleaning of incidental spills
- Two vent holes (with removable caps) on backside accommodate pressurized vapor removal systems
- Includes hardware to secure cabinet to wall



18-999-4413B

Capacity	L x W x H	No. of Shelves	Weight	Mfr. No.	Cat. No.	Quantity
Countertop						
2 x 4L Bottles	16.25 x 14.25 x 19.5 in. (56 x 91 x 89cm)	0	30 lb. (14kg)	24040	18-999-4413A	Each
Undercounter						
30 x 1L Bottles	23.5 x 36 x 35 in. (59.7 x 91.4 x 89cm)	2	120 lb. (59kg)	24160	18-999-4413B	Each

Storage

Justrite™ Metallic Undercounter Cabinet



Helps keep floor space free

- Fitted with a 3.5H x 2.5 in.D kickplate to mount flush with other cabinetry or when used without counter
- Dual vents with flash arresters are located for easy connection if ventilation is needed
- Features vent openings in back wall, one adjustable shelf and two manual or self-closing doors

ORDERING INFORMATION:

Capacity: 22 gal. (83L).
Exterior dimensions: 22L x 35W x 35 in. H (56 x 89 x 89cm)

COMPLIANCE:

Meet OSHA and NFPA™ requirements. 19-033-720 also complies with Uniform Fire Code.

CERTIFICATIONS:

FM approved. UL listed.

NOTES:

Not recommended for storage of phenol, nitric or sulfuric acid.



17-154C

Door Type	Mfr. No.	Cat. No.	Quantity
Manual	892302	17-154C	Each
Self-Closing	892322	19-033-720	Each

Justrite™ Metallic Acids Cabinet with ChemCor™ Liner



Maximum protection from harsh acids and corrosive chemicals

- 100% seamless ChemCor™ liner on all interior walls, ceiling, sump, inside doors and shelves protects exposed cabinet surfaces from rust and corrosion
- Seam-free surface eliminates need for rivets or fasteners, averting corrosion from seep-through chemicals
- Durable, thermoplastic nonporous interior coating resists staining and cleans up easily and thoroughly
- Constructed of double-wall, 18-gauge, welded steel
- Features 2 in. (5cm) liquid-tight containment sump, dual vents, adjustable shelves and leveling feet
- All-epoxy, baked-on blue powder coat exterior paint provides extra resistance to deterioration from harsh chemicals

INCLUDES:

Both models come with an extra polyethylene work tray that can be secured to cabinet top as an additional work surface and two labels for end user: "Base" or "ACID."

WARRANTY:

Ten years.

COMPLIANCE:

Comply with OSHA and NFPA™ requirements.

CERTIFICATIONS:

FM approved.



19-159-704

Capacity	D x W x H	Mfr. No.	Cat. No.	Quantity
Two Manual Doors				
30 gal. (114L)	18 x 43 x 44 in. (46 x 109 x 112cm)	8930022	19-159-704	Each

Capacity	D x W x H	Mfr. No.	Cat. No.	Quantity
Two Self-Closing Doors				
30 gal. (114L)	18 x 43 x 44 in. (46 x 109 x 112cm)	8930222	19-159-819	Each

Youngstown Barrel & Drum Plastic Tight Head Drums

High-density polyethylene containers for transport of hazardous solids or liquids

- Made of chemical-resistant high-density polyethylene
- Tight-head drums for transport of hazardous liquids



19-058-100

Capacity	UN Markings	O.D. x O.H	Mfr. No.	Cat. No.	Quantity
Translucent					
55 gal.	UN 1H1/Y1.9/150	23.3 in. x 35.2 in.	1419	18-120-237	Each
Blue					
15 gal.	UN 1H1/Y1.8/100	14.2 in. x 26.25 in.	1420-M	19-058-099	Each
30 gal.	UN 1H1/Y1.8/100	19.25 in. x 29 in.	1395-M	19-058-098	Each
55 gal.	UN 1H1/Y1.9/100	23.3 in. x 34.8 in.	1295-M	19-058-096	Each
Natural					
15 gal.	UN 1H1/Y2.0/150	16 in. x 20.6 in.	1410	18-120-238	Each
15 gal.	UN 1H1/Y1.8/100	14.2 in. x 26.25 in.	1422-M	19-058-100	Each
30 gal.	UN 1H1/Y1.8/100	19.25 in. x 29 in.	1394-M	19-058-097	Each
55 gal.	UN 1H1/Y1.9/100	23.3 in. x 34.8 in.	1269-M	19-058-095	Each

Youngstown Barrel & Drum Ultra-SpillDeck™ Bladder Systems

Hidden containment bladder automatically unfurls to capture large spills or drum leaks

- Large catastrophic leaks flow into the bladder through a bulkhead fitting
- Protective “trap door” opens automatically, allowing bladder to unfurl
- Rugged, double polyethylene bladder allows 66 gal. (250L) of containment
- Overspills and small leaks are captured in the the sump of the SpillDeck
- Low profile 5.75 in. (14.6cm) deck height allows drums to be “jockeyed” onto SpillDeck Systems without the use of drum handling equipment

ORDERING INFORMATION:

Available in one or two drum models.

COMPLIANCE:

Meets SPCC, EPA Container Storage Regulation 40 CFR 264.175 and UFC Spill Containment Regulations.

NOTES:

SpillDeck Bladder Systems require adequate aisle space to allow the bladder to unfurl properly.



19-058-005

Fits Pallet Size	Load Capacity	Containment Capacity	Sump Capacity	L x W x H	Weight	Mfr. No.	Cat. No.	Quantity
1 Drum	1500 lb. (680kg)	77 gal. (291L)	77 gal. (291L)	25.88 x 30.5 x 5.75 in. (65.7 x 77.5 x 14.6cm)	27 lb. (12.3kg)	1320 UT	19-058-005	Each
2 Drum	3000 lb. (1360kg)	88 gal. (333L)	88 gal. (333L)	52 x 30.5 x 5.75" (132 x 77.5 x 14.6cm)	44 lb. (20kg)	2329 UT	19-058-029	Each

Spill Control

Fisherbrand® Chemical Green Absorbent Pillow

Chemically inert and does not react with aggressive fluids

Chemical absorbent pillows are ideal way to provide extra protection during packaging and transport.



19-140-921

- Designed for absorption of wide range of chemicals, including hydrofluoric acid
- Material: Surfactant-treated polypropylene
- Green
- Environmentally-friendly

COMPLIANCE: OSHA 29 CFR 1910.22(a)(2); EPA 40 CFR 112.7(c)(1)(vii); OSHA 29 CFR 1910,120(j)(1)(vii).

Description	Cat. No.	Quantity
Chemical Green Absorbent Pillow	19-140-921	32 per case

Fisherbrand® Chemical Green Absorbent Sock

Chemically inert and does not react with aggressive fluids

Chemical absorbent socks (SOCs) are made of surfactant-treated polypropylene and can be used on wide range of chemicals, acids and bases, including hydrofluoric acid.



19-140-920

- Material: Surfactant-treated polypropylene
- Green
- Environmentally-friendly
- Flexible design to easily mold around spills
- Different sizes to fit containment needs

COMPLIANCE: OSHA 29 CFR 1910.22(a)(2); EPA 40 CFR 112.7(c)(1)(vii); OSHA 29 CFR 1910,120(j)(1)(vii).

Description	Cat. No.	Quantity
Chemical Green Absorbent Sock	19-140-920	12 per case

Fisherbrand® Chemical Yellow Absorbent Pad

Color-coded for easy identification of different types of spills and hazards

Chemical absorbents pads are ideal spill response for chemicals like citric acid, hydrofluoric acid, sodium hydroxide and many other chemicals.



19-140-918

- Material: Polypropylene
- Yellow
- Three-ply layer
- Fire-resistant

COMPLIANCE: OSHA 29 CFR 1910.22(a)(2); EPA 40 CFR 112.7(c)(1)(vii); OSHA 29 CFR 1910,120(j)(1)(vii).

Description	Cat. No.	Quantity
Chemical Yellow Absorbent Pad	19-140-918	100 per case

Fisherbrand® Chemical Yellow Absorbent Roll

Color-coded for easy identification of different types of spills and hazards

Chemical absorbents rolls are ideal spill response for chemicals like citric acid, hydrofluoric acid, sodium hydroxide and many other chemicals.

- Material: Polypropylene
- Yellow
- Three-ply layer
- Fire-resistant

COMPLIANCE:

OSHA 29 CFR 1910.22(a)(2);
EPA 40 CFR 112.7(c)(1)(vii); OSHA 29 CFR 1910,120(j)(1)(vii).

19-140-919



Description	Cat. No.	Quantity
Chemical Yellow Absorbent Roll	19-140-919	Each

Fisherbrand® Acid Neutralizing Spill Kit

An effective spill response solution in an easy-to-use kit

- Container Type: Polyethylene bucket
- Absorbency Capacity: 19L (5 gal.)
- White

INCLUDES:

One 2 lb. shaker of acid neutralizer, ten pads (15 × 19 in.), three socks, one pair of nitrile gloves, one pair goggles, two disposal bags.

19-140-935



COMPLIANCE: OSHA 29 CFR 1910.22(a)(2); EPA 40 CFR 112.7(c)(1)(vii); OSHA 29 CFR 1910,120(j)(1)(vii).

Description	Cat. No.	Quantity
Acid Neutralizing Spill Kit	19-140-935	Each

Fisherbrand® Base Neutralizing Spill Kit

An effective spill response solution in an easy-to-use kit



19-140-936

- Container Type: Polyethylene bucket
- Absorbency Capacity: 19L (5 gal.)
- White

INCLUDES:

One 2 lb. Shaker of Base Neutralizer, 10 pads (15 × 19 in.), three socks, one pair of nitrile gloves, one pair goggles, two disposal bags.

COMPLIANCE: OSHA 29 CFR 1910.22(a)(2); EPA 40 CFR 112.7(c)(1)(vii); OSHA 29 CFR 1910,120(j)(1)(vii).

Description	Cat. No.	Quantity
Base Neutralizing Spill Kit	19-140-936	Each

Fisherbrand® Combo Spill Kit

An effective spill response solution in an easy-to-use kit



19-140-941

- Container Type: Polyethylene bucket
- Absorbency Capacity: 38L (10 gal.)
- White

INCLUDES:

10 pads, three socks, one 2 lb. shaker of acid neutralizer, one 2 lb. shaker of base neutralizer, three socks, one dust pan, one pair of nitrile gloves, one pair of goggles, instruction sheet.

COMPLIANCE: OSHA 29 CFR 1910.22(a)(2); EPA 40 CFR 112.7(c)(1)(vii); OSHA 29 CFR 1910,120(j)(1)(vii).

Description	Cat. No.	Quantity
Combo Spill Kit	19-140-941	Each

Fisherbrand® 17 gal. Chemical Spill Kit

An effective spill response solution in an easy-to-use kit



19-140-937

- Container Type: Polyethylene drum
- Absorbency Capacity: 64.3L (17 gal.)
- Yellow

INCLUDES:

12 pads, three socks, two pillows, one pair of goggles, one pair of nitrile gloves, three disposal bags, handbook.

COMPLIANCE:

UN Approved; OSHA 29 CFR 1910.22(a)(2); EPA 40 CFR 112.7(c)(1)(vii); OSHA 29 CFR 1910.120(j)(1)(vii).

Description	Cat. No.	Quantity
Chemical Spill Kit	19-140-937	Each

Fisherbrand® 38 gal. Chemical Spill Kit

An effective spill response solution in an easy-to-use kit



19-140-938

- Container Type: Polyethylene drum
- Absorbency Capacity: 143.8L (38 gal.)
- Yellow

INCLUDES: 50 pads, four socks, eight pillows, one pair of goggles, one pair of nitrile gloves, five disposal bags, handbook.

COMPLIANCE: UN Approved; OSHA 29 CFR 1910.22(a)(2); EPA 40 CFR 112.7(c)(1)(vii); OSHA 29 CFR 1910.120(j)(1)(vii).

Description	Cat. No.	Quantity
Chemical Spill Kit	19-140-938	Each

Matting

Wearwell™ UltraSoft Diamond-Plate Mat

Antifatigue mat designed for ultimate comfort and performance

- For heavy use areas, mats resist abrasion and most chemical spills
- Double thick sponge base made from 0.94 in. (2.4cm) immediate recovery Nitricell™ sponge
- Specially formulated blend of nitrile rubber and PVC

Color	Mfr. No.	Cat. No.	Quantity
2 x 3 ft. (61 x 91cm)			
Black/Yellow	414 1516X2X3BYL	19-042-228	Each
Gray	414 1516X2X3GY	19-042-229	Each
Black	414 1516X2X3BK	19-042-230	Each
3 x 5 ft. (91 x 152cm)			
Black/Yellow	414 1516X3X5BYL	19-042-225	Each
Gray	414 1516X3X5GY	19-042-226	Each
Black	414 1516X3X5BK	19-042-227	Each
3 x 10 ft. (91 x 305cm)			
Black/Yellow	414 1516X3X10BYL	19-150-0082	Each
Gray	414 1516X3X10GY	19-150-0092	Each
Black	414 1516X3X10BK	19-150-0081	Each



- Slip resistant, diamond embossed vinyl surface resists chemicals, abrasion and fire
- All edges are beveled for safety and convenience
- Recycled: Item contains recycled content



19-042-225

ORDERING INFORMATION:

Optional colored borders available for maximum safety awareness. Contact your Fisher Scientific Customer Service Representative.

WARRANTY: Three year conditional.

CHEMICALS			
	Numeric		
(+)-Limonene.....	100, 107	1-Pentanesulfonic Acid Sodium Salt	105
(1,2-Cyclohexylenedinitrilo)-tetraacetic Acid	85	1-Pentanesulfonic Acid Sodium Salt Monohydrate.....	105
(Chloromethylene)dimethylammonium Chloride.....	83	1-Pentanesulfonic Acid Sodium Salt, Anhydrous ..	105
(Methoxymethyl)triphenylphosphonium Chloride ..	100	1-Pentanol	105
(R)-(+)-Limonene.....	99	1-Propanol	37
(R)-(-)-2-Aminobutane.....	77	1-Tetrahydropyran-4-yl-1H-pyrazol-4-ylamine	113
(R)-4-(1-Aminoethyl)phenol	77	15 Component Mix in DMSO.....	206
(S)-(+)-2-Amino-3-methyl-1-butanol	77	18-Crown-6	84
(S)-(-)-1-(4-Bromophenyl)ethylamine	81	1H,1H,2H,2H-Perfluorooctyltriethoxysilane.....	105
(±)-2,2'-Bis(diphenylphosphino)-1,1'-binaphthyl	80	2 Component Mix in DMSO.....	206
(±)-Mevalonolactone	103	2,2,4,4,6,8,8-Heptamethylnonane.....	95
1,1,1,3,3,3-Hexafluoro-2-propanol.....	95	2,2,4-Trimethylpentane	43, 44, 115
1,1,1,3,3,3-Hexamethyltrisilazane.....	96	2,2-Diphenyl-1-picrylhydrazyl (Free Radical).....	90
1,1,2,2-Tetrabromoethane	111	2,2'-Azobis(2-methylpropionamide)	
1,1,2,2-Tetrachloroethane-D2.....	71	Dihydrochloride.....	78
1,1,2-Trichloro-1,2,2-trifluoroethane	114	2,2'-Dipyridyl.....	90
1,1,2-Trichloroethane	114	2,3,5-Triphenyl-2H-tetrazolium Chloride	116
1,10-Phenanthroline Monohydrate	105	2,3-Dimethylbutane.....	89
1,1'-Carbonyldiimidazole.....	83	2,3-O-Isopropylidene-D-glyceraldehyde.....	99
1,2,3,4-Tetrahydronaphthalene.....	113	2,4-Difluoro-3-methoxybenzaldehyde.....	88
1,2,3,4-Tetrahydroquinoline	113	2,4-Difluoro-3-nitrobenzonitrile.....	88
1,2,4-Trichlorobenzene	114	2,4-Dimethylpyrrole.....	89
1,2-Dichlorobenzene	87	2,4-Pentanedione.....	105
1,2-Dichloroethane	15	2,5-Dimethylfuran.....	89
1,2-Dimethoxyethane	88	2,6-Diaminopimelic Acid	86
1,2-Propanediol	107	2,6-Dichloroindophenol Sodium Salt.....	87
1,3-Bis [tris(hydroxymethyl)amino]propane.....	80	2-(Boc-amino)-5-pyridinemethanol	80
1,3-Diphenylguanidine	90	2-(Di-tert-butylphosphino)	
1,4,8,11-Tetraazacyclotetradecane	111	-2',4',6'-triisopropyl-3,6-dimethoxybiphenyl	90
1,4-Dibromobenzene.....	86	2-Amidinopyridine Hydrochloride	76
1,4-Dioxane	18, 19	2-Amino-1,3-propanediol.....	77
1,4-Dioxane, Anhydrous	19	2-Amino-4-cyanopyridine.....	77
1,4-Dithiothreitol.....	90	2-Butanone.....	11, 81
1-(3-Dimethylaminopropyl)-3-ethylcarbodiimide Hydrochloride.....	89	2-Chloro-3',4'-dihydroxyacetophenone	83
1-(3-Dimethylaminopropyl)-3-ethylcarbodiimide Hydrochloride.....	89	2-Cyano-6-hydroxybenzothiazole	84
1-Amino-2-Naphthol-4-Sulfonic Acid Solution.....	160	2-Cyclohepten-1-one.....	85
1-Bromo-2-butyne.....	81	2-Ethylhexylamine	92
1-Bromo-3-methyl-2-butene	81	2-Fluoroquinoline-3-boronic Acid	92
1-Butanol	10, 11	2-Hydroxypyridine-N-oxide	97
1-Decanesulfonic Acid, Sodium Salt, Anhydrous ..	85	2-Iminothiolane Hydrochloride.....	97
1-Dodecanol	91	2-Mercaptoethanol.....	100, 225
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