

NO	materials	Unit	Qu.	Cat. Reference	Unit Price	Total Price	Destination	Department
06-09-00001	H2SO4	1 Liter	40	Fluka 97/98, 84724	24.25	970	University of Salaheddin	Central Warehouse
06-09-00002	HCL	1 Liter	50	Fluka 97/98, 84419	1L=25.6\$	1253\$	University of Salaheddin	Central Warehouse
06-09-00003	HNO3	1 Liter	40	Fluka 97/98, 84382	1L=22.9\$	916.00\$	University of Salaheddin	Central Warehouse
06-09-00004	Methanol	1 Liter	40	Fluka 97/98, 65535	1L=29\$	1160\$	University of Salaheddin	Central Warehouse
06-09-00005	Acetone	1 Liter	60	Fluka 97/98, 00562	1L=18.6\$	1116\$	University of Salaheddin	Central Warehouse
06-09-00006	Acetic acid	5 Liter	60	Fluka 97/98, 45731	5L=106.2\$	1274.4\$	University of Salaheddin	Central Warehouse
06-09-00007	Formaline	1 Liter	20	Fluka 97/98, 47630	1L=19\$	380\$	University of Salaheddin	Central Warehouse
06-09-00008	NaOH	5 Kg	10	RdH 97/98, 30620	5Kg=24.45	168.8\$	University of Salaheddin	Central Warehouse
06-09-00009	KI	1 Kg	5	Fluka 97/98, 60405	1Kg=106.6\$	533\$	University of Salaheddin	Central Warehouse
06-09-00010	Ethyl asetate	1 Liter	20	RdH 97/98, 34858	1L=27.1\$	542\$	University of Salaheddin	Central Warehouse
06-09-00011	Furfural	500 ml	5	Fluka 97/98, 48090	500ml=95.7\$	957\$	University of Salaheddin	Central Warehouse
06-09-00012	Ethnol	1 Liter	60	RdH 97/98, 34935	1L=39.2\$	2442\$	University of Salaheddin	Central Warehouse
06-09-00013	Chloroform	1 Liter	60	Fluka 97/98, 25880	1L=25.2\$	1512\$	University of Salaheddin	Central Warehouse
06-09-00014	Benzene	1 Liter	70	Fluka 97/98, 12552	1L=26.1\$	1827\$	University of Salaheddin	Central Warehouse
06-09-00015	CCL4	1 Liter	70	RdH 97/98, 32215	1L=35.6\$	2492\$	University of Salaheddin	Central Warehouse
06-09-00016	Sodium tungstate	500 gm	5	RdH 97/98, 14304	500g=76.85\$	768.5\$	University of Salaheddin	Central Warehouse
06-09-00017	AgNO3	1 Kg	5	RdH 97/98, 10220	1Kg=11.217.4\$	6087\$	University of Salaheddin	Central Warehouse
06-09-00018	AgIO3	10 kg	5	RdH10216	10kg=32.15	5kg 16075\$	University of Salaheddin	Central Warehouse
06-09-00019	Ammonium hydroxide	1 Liter	40	Fluka 97/98, 09860	1L=18.65\$	746\$	University of Salaheddin	Central Warehouse
06-09-00020	Acryl amide	1 Kg	5	Fluka 97/98, 01700	1kg=35.4\$	177\$	University of Salaheddin	Central Warehouse
06-09-00021	Trichloro acetic acide	1 Kg	5	Fluka 97/98, 91234	1kg=67.3\$	336\$	University of Salaheddin	Central Warehouse
06-09-00022	Monochloro acetic acid	1 Kg	5	RdH 97/98, 27203	1kg=14.37\$	71.83\$	University of Salaheddin	Central Warehouse
06-09-00023	Aniline	1 Liter	20	Fluka 97/98, 10400	1L=59.35\$	1187\$	University of Salaheddin	Central Warehouse
06-09-00024	Xylol	1 Liter	20	Fluka 97/98, 95672	1L=46.2\$	928\$	University of Salaheddin	Central Warehouse
06-09-00025	KCN	1 Kg	5	Fluka 97/98, 60160	1kg=37.95\$	189.75\$	University of Salaheddin	Central Warehouse
06-09-00026	KSCN	1 Kg	5	Fluka 97/98, 60519	1kg=52.4\$	262\$	University of Salaheddin	Central Warehouse
06-09-00027	Hg(NO3)2	500 gm	2	Fluka 97/98, 83369	500g=189.25\$	757\$	University of Salaheddin	Central Warehouse
06-09-00028	HgCl2	1 Kg	2	Fluka 97/98, 83366	1kg=130.95\$	261.9\$	University of Salaheddin	Central Warehouse
06-09-00029	18-Crown-6	100 Kg	1	Fluka 97/98, 28125	100kg=238.9\$	2389\$	University of Salaheddin	Central Warehouse
06-09-00030	Dibenzo-18-Crown-6	Kg	1	Fluka 97/98, 33529	100kg=27.5\$	275\$	University of Salaheddin	Central Warehouse
06-09-00031	1,2-dichloro-ethane	Liter	5	RdH 97/98, 34925	1L=51.7\$	260.5\$	University of Salaheddin	Central Warehouse
06-09-00032	Petroleum ether (40-60) C	Liter	80	Fluka 97/98, 77390	2.5L=54.95\$	1785.5\$	University of Salaheddin	Central Warehouse
06-09-00033	1,2-Dichoro-methane	Liter	20	RdH 97/98, 34908	1L=51.8\$	1038\$	University of Salaheddin	Central Warehouse
06-09-00034	Potato dextrose-Agar	Kg	2.5	Fluka 97/98, 70139	2.5kg=250.15	250.15\$	University of Salaheddin	Central Warehouse
06-09-00035	Nutrient Agar	Kg	10	Fluka 97/98, 70148	10kg=2.5kg227.4	909.6\$	University of Salaheddin	Central Warehouse

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06-09-00036	Styrene monomer	Liter	10	Fluka 97/08, 85960	1L=13.75\$	137.5\$	University of Salaheddin	Central Warehouse
06-09-00037	Zinc Chloride	Kg	5	Fluka 97/98, 96470	500g=20.75\$	207.5\$	University of Salaheddin	Central Warehouse
06-09-00038	Carbone disulphide	Liter	10	Fluka 97/98, 84711	1L=30.9\$	309\$	University of Salaheddin	Central Warehouse
06-09-00039	Titanium Dioxide	Kg	2	RdH 97/98, 14021	1Kg=18.8\$	37.6\$	University of Salaheddin	Central Warehouse
06-09-00040	Tetrahydro furane	Liter	15	RdH 97/98, 34926	1L=45\$	675\$	University of Salaheddin	Central Warehouse
06-09-00041	Dimethyl formamide	Liter	10	RdH 97/98, 34903	1L=36.1\$	361\$	University of Salaheddin	Central Warehouse
06-09-00042	Chloroform for HPLC	Liter	5	RdH 97/98, 34854	1L=26.00\$	130\$	University of Salaheddin	Central Warehouse
06-09-00043	Water for HPLC	Liter	5	Fluka 97/98, 95304	1L=13.40\$	67\$	University of Salaheddin	Central Warehouse
06-09-00044	Methanol for HPLC	Liter	5	RdH 97/98, 34860	1L=18.70\$	93.5\$	University of Salaheddin	Central Warehouse
06-09-00045	Ethanol for HPLC	Liter	5	RdH 97/98, 39870	1L=27.10\$	135.5\$	University of Salaheddin	Central Warehouse
06-09-00046	Acetone for HPLC	Liter	5	RdH 97/98, 34850	1L=19.45	97.25\$	University of Salaheddin	Central Warehouse
06-09-00047	4 – amino antipyrine	gm	900	RdH 97/98, 23528	100gm=78.7	603.7\$	University of Salaheddin	Central Warehouse
06-09-00048	Creatine	gm	900	Fluka 97/98, 27910	50gm=30.00	540\$	University of Salaheddin	Central Warehouse
06-09-00049	D- Aspartic acid	gm	900	Fluka 97/98, 11200	50gm=95.30	1715.4\$	University of Salaheddin	Central Warehouse
06-09-00050	L-Aspartic acid	gm	900	Fluka 97/98, 11189	500gm=65.4	117.72\$	University of Salaheddin	Central Warehouse
06-09-00051	Alpha- keto gultanic acid	gm	900	Fluka 97/98, 75890	500gm=106.6	101.88\$	University of Salaheddin	Central Warehouse
06-09-00052	Sulphosalicylic acid	gm	900	RdH 97/98, 33619	100gm=29.4	224.6\$	University of Salaheddin	Central Warehouse
06-09-00053	Alpha- Phenyl alanine	Kg	1	Fluka 97/98, 78030	25g,=206	824\$	University of Salaheddin	Central Warehouse
06-09-00054	Potassium dihydrogen phosphate	gm	900	Fluka 97/98, 60220			University of Salaheddin	Central Warehouse
06-09-00055	Nutrient broth	Kg	10	Fluka 97/98, 70122	500gm=5008	1017\$	University of Salaheddin	Central Warehouse
06-09-00056	Blood agar	Kg	10	Fluka 97/98, 70133	2.5kg=21975	872\$	University of Salaheddin	Central Warehouse
06-09-00057	MacConkey Agar	Kg	10	Fluka 97/98, 70143	2.5kg=353.9	1415.6\$	University of Salaheddin	Central Warehouse
06-09-00058	MacConkey broth	Kg	10	Fluka 97/98, 70144	2.5kg=152.75	611\$	University of Salaheddin	Central Warehouse
06-09-00059	Agar	Kg	10	Fluka 97/98, 05040	1kg=90.35\$	903.5\$	University of Salaheddin	Central Warehouse
06-09-00060	Pepton	Kg	10	Fluka 97/98, 70169	500g=41.85%	837\$	University of Salaheddin	Central Warehouse
06-09-00061	Azide glucose broth	Kg	15	Fluka 97/98, 11539	500g=43.1	1293\$	University of Salaheddin	Central Warehouse
06-09-00062	Thyoglycolate broth	Kg	10	Fluka 97/98, 70157	2.5gm=227	908\$	University of Salaheddin	Central Warehouse
06-09-00063	S.S Agar	Kg	15	Fluka 97/98, 85640	500gm=55.2	1656\$	University of Salaheddin	Central Warehouse
06-09-00064	Mannitol salt phenol red Agar	Kg	15	Fluka 97/98, 63567	500gm=28.85	865.5\$	University of Salaheddin	Central Warehouse
06-09-00065	C-zapex dox Agar	Kg	15	Fluka 97/98, 70185	500gm=30.8	924\$	University of Salaheddin	Central Warehouse
06-09-00066	Crystal violet	Kg	15	Fluka 97/98, 61135	500gm=124.83	124.85\$	University of Salaheddin	Central Warehouse
06-09-00067	Malakite green	gm	200	RdH 97/98, 32745	100gm=23.95	47.9\$	University of Salaheddin	Central Warehouse
06-09-00068	Giemza stain	Liter	1	Fluka 97/98, 48900	1L=47.25\$	47.25\$	University of Salaheddin	Central Warehouse
06-09-00069	Lacto phenol	ml	500	Fluka 97/98, 61335	100ml=21.65	108.25\$	University of Salaheddin	Central Warehouse
06-09-00070	Hematoxyline	gm	200	RdH 97/98, 33230	100gm=178.3\$	356.6\$	University of Salaheddin	Central Warehouse

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06-09-00071	Eosine	gm	500	Fluka 97/98, 45240	250g=721\$	144.2\$	University of Salaheddin	Central Warehouse
06-09-00072	Safranin	ml	500	Fluka 97/98, 03982	250ml=17.5	35\$	University of Salaheddin	Central Warehouse
06-09-00073	Iodine	gm	200	fluka 97/98, 57670	100gm = 30.5	61\$	University of Salaheddin	Central Warehouse
06-09-00074	Bromocrezol green	gm	100	RdH 97/98, 32742	25gm=121.6	486.4\$S	University of Salaheddin	Central Warehouse
06-09-00075	H ₂ SO ₄	Liter	3				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00076	HCL	Liter	3				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00077	HNO ₃	Liter	3				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00078	CH ₃ COOH	Liter	3				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00079	NaOH	Gram	500				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00080	Resorsinol	Gram	500				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00081	Iodin	Gram	250				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00082	Potassium iodide	Gram	500				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00083	Na ₃ S ₂ O ₃	Gram	250				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00084	Phenyle hydrazin	Gram	250				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00085	Ether	Liter	5				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00086	Tartaric acid	KG	3				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00087	Lactose	Gram	500				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00088	Glucose	Gram	500				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00089	Succurose	Gram	500				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00090	Maltose	Gram	500				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00091	Mannitol	Gram	500				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00092	Fructose	Gram	500				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00093	Methanol	Liter	5				Shaqlawah Technical Institute	Veterinary/Chemistry
06-09-00094	Nutrient agar	KG	0.5				Shaqlawah Technical Institute	Veterinary/Biology Microscopical
06-09-00095	Nutrient broth	KG	0.5				Shaqlawah Technical Institute	Veterinary/Biology Microscopical
06-09-00096	Agar agar	KG	1				Shaqlawah Technical Institute	Veterinary/Biology Microscopical
06-09-00097	Blood agar base	KG	1				Shaqlawah Technical Institute	Veterinary/Biology Microscopical
06-09-00098	Eosin methelene blue Agar	KG	1				Shaqlawah Technical Institute	Veterinary/Biology Microscopical
06-09-00099	Mannitol salt agar	KG	1				Shaqlawah Technical Institute	Veterinary/Biology Microscopical

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06-09-00100	Oxidase Reagent		Gram	50				Shaqlawa Technical Institute	Veterinary/Biology Microscopical
06-09-00101	Bile salt		Gram	250				Shaqlawa Technical Institute	Veterinary/Biology Microscopical
06-09-00102	Safranine		Gram	100				Shaqlawa Technical Institute	Veterinary/Biology Microscopical
06-09-00103	Methyle red		Gram	100				Shaqlawa Technical Institute	Veterinary/Biology Microscopical
06-09-00104	Methelene blue		Gram	100				Shaqlawa Technical Institute	Veterinary/Biology Microscopical
06-09-00105	Malachite green		Gram	100				Shaqlawa Technical Institute	Veterinary/Biology Microscopical
06-09-00106	Gimsa stain		Gram	100				Shaqlawa Technical Institute	Veterinary/Biology Microscopical
06-09-00107	Wrigh stain		Gram	100				Shaqlawa Technical Institute	Veterinary/Biology Microscopical
06-09-00108	Formaldehyde		Liter	10				Shaqlawa Technical Institute	Veterinary/Biology Microscopical
06-09-00109	Phenol red		Gram	100				Shaqlawa Technical Institute	Veterinary/Biology Microscopical
06-09-00110	Carmin		Gram	100				Shaqlawa Technical Institute	Veterinary/Tissues Lab.
06-09-00111	Parrafin wax (SOFT)		KG	10				Shaqlawa Technical Institute	Veterinary/Tissues Lab.
06-09-00112	Parrafin wax (HARD)		KG	10				Shaqlawa Technical Institute	Veterinary/Tissues Lab.
06-09-00113	Ethanol (95%)		Liter	10				Shaqlawa Technical Institute	Veterinary/Tissues Lab.
06-09-00114	Ethanol (100%)		Liter	10				Shaqlawa Technical Institute	Veterinary/Tissues Lab.
06-09-00115	Xylol		Liter	5				Shaqlawa Technical Institute	Veterinary/Tissues Lab.
06-09-00116	Canada balsam		Liter	1				Shaqlawa Technical Institute	Veterinary/Tissues Lab.
06-09-00117	Hematoxylene		Gram	100				Shaqlawa Technical Institute	Veterinary/Tissues Lab.
06-09-00118	Eosin		Gram	100				Shaqlawa Technical Institute	Veterinary/Tissues Lab.
06-09-00119	Nutral red		Gram	100				Shaqlawa Technical Institute	Veterinary/Tissues Lab.
06-09-00120	Crystal violet							Shaqlawa Technical Institute	Veterinary/Tissues Lab.
06-09-00121	Widal test set		Set	5				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00122	Brucella agglutination set		Set	5				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00123	Pregnancy test set		Set	5				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical

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06-09-00124	Blood group set		Set	3				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00125	C-Reactive protien set		Set	3				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00126	Nutrient agar		KG	1				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00127	Nutrient broth		KG	1				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00128	Agar agar		KG	1				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00129	S-S agar		KG	1				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00130	Bismuth sulphate agar		KG	1				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00131	MacConky agar		KG	1				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00132	MacConky broth		KG	1				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00133	Eosin methelene blue Agar		KG	1				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00134	Mannitol salt agar		KG	1				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00135	Blood agar base		KG	1				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00136	Deoxycholate citrate agar		KG	1				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00137	Oxidase Reagent		Gram	25				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00138	Bile salt (Sodium-tourcholate)		Gram	250				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00139	Citrate agar		KG	1				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00140	Urea broth		KG	1				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00141	Iodin		Gram	250				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical
06-09-00142	Potassium iodide		Gram	250				Shaqlawa Technical Institute	Disease analyses/Biology Microscopical

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06-09-00143	Nutral red		Gram	100				Shaqlawah Technical Institute	Disease analyses/Biology Microscopical
06-09-00144	Methyle red		Gram	100				Shaqlawah Technical Institute	Disease analyses/Biology Microscopical
06-09-00145	Crystal violet		Gram	100				Shaqlawah Technical Institute	Disease analyses/Biology Microscopical
06-09-00146	Malachite green		Gram	100				Shaqlawah Technical Institute	Disease analyses/Biology Microscopical
06-09-00147	Giemsa stain		Gram	100				Shaqlawah Technical Institute	Disease analyses/Biology Microscopical
06-09-00148	Safranine		Gram	100				Shaqlawah Technical Institute	Disease analyses/Biology Microscopical
06-09-00149	Sudan 4		Gram	100				Shaqlawah Technical Institute	Disease analyses/Biology Microscopical
06-09-00150	Phenol red		Gram	100				Shaqlawah Technical Institute	Disease analyses/Biology Microscopical
06-09-00151	Ethanol 95%		Liter	10				Shaqlawah Technical Institute	Disease analyses/Slice and Phisiology
06-09-00152	Ethanol 100%		Liter	10				Shaqlawah Technical Institute	Disease analyses/Slice and Phisiology
06-09-00153	Camada balsam		Liter	0.5				Shaqlawah Technical Institute	Disease analyses/Slice and Phisiology
06-09-00154	Parrafin wax (Soft)		KG	10				Shaqlawah Technical Institute	Disease analyses/Slice and Phisiology
06-09-00155	Parrafin wax (HARD)		KG	10				Shaqlawah Technical Institute	Disease analyses/Slice and Phisiology
06-09-00156	Methyle red		Gram	100				Shaqlawah Technical Institute	Disease analyses/Slice and Phisiology
06-09-00157	Methelene blue		Gram	100				Shaqlawah Technical Institute	Disease analyses/Slice and Phisiology
06-09-00158	H ₂ SO ₄		Liter	10				Shaqlawah Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00159	HCL		Liter	10				Shaqlawah Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00160	HNO ₃		Liter	10				Shaqlawah Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00161	CH ₃ COOH		Liter	10				Shaqlawah Technical Institute	Disease analyses/Chemical analyses & Biology

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06-09-00162	NaOH		Gram	500				Shaqlawa Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00163	Resorsinol		Gram	500				Shaqlawa Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00164	Phenyle hydrazin		Gram	500				Shaqlawa Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00165	Na ₃ S ₂ O ₃		Gram	500				Shaqlawa Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00166	Acetin Acid		Liter	10				Shaqlawa Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00167	Glycial acetic acid		Liter	10				Shaqlawa Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00168	Glucose		Gram	500				Shaqlawa Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00169	Lactose		Gram	500				Shaqlawa Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00170	Succurose		Gram	500				Shaqlawa Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00171	Maltose		Gram	500				Shaqlawa Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00172	Mannitol		Gram	500				Shaqlawa Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00173	Arabinose		Gram	500				Shaqlawa Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00174	Xylol							Shaqlawa Technical Institute	Disease analyses/Chemical analyses & Biology
06-09-00175	Phosphate buffer							Shaqlawa Technical Institute	Disease analyses/Blood lab.
06-09-00176	Tri Sodium citrate		Gram	500				Shaqlawa Technical Institute	Disease analyses/Blood lab.
06-09-00177	Lishman Stain		Gram	100				Shaqlawa Technical Institute	Disease analyses/Blood lab.
06-09-00178	L -Cysteine hydrochloride monohydrate	White crystals of 175-63 F.w., Assay 98.5-100.5%. Ammonium>= 0.02%. Heavy metals(as pb) <=10ppm. Arsenic (as As2O3)<=1 ppm, Amber Glass	100 gm	6	Fisher 98/99 P -Bp 376-100 p 380 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.

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06-09-00179	L -Cystine	F.W 240.29, Assay 98.5-101.0%, Heavy metals as pb <=10 ppm, White crystals, Loss on drying<=0.30%, Residue on Ignition <=0.10 %. Amber Glass	100 gm	6	Fisher 98/99 P-Bp 377 – 100 p 380 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00180	L –Lysine hydrochloride	White powder. F.wt 182.65. Assay 98.5-100.5%. Heavy Metals <=10 ppm. C6H14N2O2 .HCL, Amber Glass	100 gm	6	Fisher 98/99 P- Bp 386-100 p 392 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00181	L –Aspartic acid	White crystals or crystalline powder, F.wt 133.10. Assay 98.5-100.5%. Heary metals <=10ppm, Amber Glass	500 gm	6	Fisher 98/99 P- Bp 374-100- p 373 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00182	L -Valine	White crystals or crystalline powder, F.wt 117.15. Assay 98.5-100.5%. Heavy metals as(pb) <=10 ppm, Amber Glass.	100 gm	6	Fisher 98/99 P- Bp 397-100 p 415 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00183	L -Serine	F.wt 105.09. White crystals or crystalline powder, Assay 98.5-101.0%, Arsenic <=1 ppm. Amber Glass	100 gm	6	Fisher 98/99 P-Bp 393-100 p 403 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00184	L –Methionine	F.wt 149.21 White crystals or crystalline powder, Assay 98.5-100.5 %, Amber Glass	100 gm	6	Fisher 98/99 P-Bp 388-100- p 394 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00185	L- proline	F.wt 115.13. White crystals or crystalline powder. Assay 98.5-101.0%, Amber Glass.	100 gm	6	Fisher 98/99 P-Bp 392-100- p 400 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00186	L -Tryptophan	F.wt 204.23. White crystals or crystalline powder, Assay 98.5-100.5%, Amber Glass	100 gm	6	Fisher 98/99 P-Bp 395-100 p 414 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.

NO	materials		Unit	Qu.	Cat. Reference	Unit Price	Total Price	Destination	Department
06-09-00187	Ascorbic acid	F.wt 176.13. Powder, Assay 99.0-100.5%, Poly bottle	500 gm	6	Fisher 98/99 P-A 62-500 p 51 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00188	Cholestrol	F.wt 386.67. Powder, Melting point 1460-148C0, Amber Glass.	500 gm	6	Fisher 98/99 P-C 314-500 p 88 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00189	1-propanol (n- propyl alcohol)	F.wt 60.10. Color (APHA)<=20. boiling Range 96-98C0.Amber Glass	1 liter	6	Fisher 98/99 P-A 414-1 p 224 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00190	Urea	1-F.wt 60.06. 2-Assay 99.0-100.5%.3-Mesting Ranqe 1320-135C0. 4-Sulfate <=0.010%, Poly Bottle.	3 Kg	1	Fisher 98/99 P-U 16-3 - p355 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00191	Albumin from eggs	Powder soluble, Amber Glass	500 gm	6	Fisher 98/99 P-A388-500- p 31 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00192	Sodium hydroxide(caustic soda)	F.wt 40.00. pellets. Assay 95.0-100.5%. Heavy Metals <=0.003%. Mercury <=0.1 ppm. Poly bottle	1 Kg	6	Fisher 98/99 P-S 320-1 p 253 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00193	Silver nitrate	F.wt 169.87. Assay 99.8-100.5 %. Crystalline. Clarity and color of solution (1g / 10 ml) to pass test. Amber Glass	500 gm	6	Fisher 98/99 P-S 486-500 p 239 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00194	Hydrochloric Acide HCL	F.wt 36.46. Assay 33-36 %. Aluminium 300ppt. Teflon PFA	2 Liter	2	Fisher 98/99 P- A 466-2 p 139 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00195	Nitric Acid HNO3	F.wt 63.01. Assay<= 70 %. Teflon FEP	2 Liter	2	Fisher 98/99 P-A 467-2 p 189 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00196	Nitric Acid, fuming	F.wt 63.01. Assay (HNO3)w/w 90.0%. Dilution test (clarity) to passtest. Iron 2PPm . Heavy metals 5PPm. Glass	2.5 Liter	4	Fisher 98/99 P-A 202-212 p 190 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00197	Sulfuric acid (H2SO4)	Optima H2SO4, F.wt 98.08. Assay 93-98%. Teflon FEP	1 liter	20	Fisher 98/99 P-A 468-1 p 331 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00198	Methanol (melhyl alcohol)	F.wt 32.04. Assay >=99.9 %., CH3OH, Amber Glass	4 Liter	10	Fisher 98/99 P-A 454-4 p 174 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.

NO	materials		Unit	Qu.	Cat. Reference	Unit Price	Total Price	Destination	Department
06-09-00199	Alcohol	Assay Ethand 89.91%, Methanol.4.5-5.5% propanol 4.5-5.5 %. 90% ± 1% v/v Ethanol . Color <= 5, Amber Glass	4 Liter	10	Fisher 98/99P-A 995-4 p 31 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00200	Aceton	F.w. 58.08. Boiling point 56.1 ± 0.1 C . Assay 99.6 %. color <= 5. Amber Glass	4 Liter	10	Fisher 98/99P- A 929-4 p 26 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00201	Chloroform	Approx. 50 ppm Amylene as preservative. water 0.01%. Assay 99.9%. color 5. Amber Glass	4 Liter	4	Fisher 98/99P-C 297-4 p 86 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00202	Formaldehyde	40% by volume. Assay 36.5%. Acidity(to pass test). Poly bottle	4 Liter	6	Fisher 98/99P-F 77P-4 p 123 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00203	Iodine	I2 Flakes wt=126.90. Assay 99.8%. chlorine and Bromine (as cl) 0.005%. Amber Glass	100 gm	10	Fisher 98/99P-I37-100 p 148 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00204	Iodine solution	1N solution. Amber Glass	500 ml	6	Fisher 98/99 P-S 78-500 p 148 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00205	Ferric chloride solutoin	Sol. For sulfide, 100gm in 40 ml H2O . Poly bottle	125 ml	10	Fisher 98/99P-LC 14380-7 p 120 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00206	Sodium hydroxide solution	Normality 4.95-5.05. color 5. carbonate to pass test. Poly bottle	500 ml	6	Fisher 98/99P-SS 256-500 p 255 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00207	Copper (II) acetate monohydrate , cu (CH3COO)2.H2O	F.wt 199.65, crystalline, Assay 98.0-102.0%. Insoluble matter 0.01%. Chloride 0.003%.Amber Glass	500 gm	5	Fisher 98/99 P- C 437-500 p 95 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00208	Mercury II chloride crystalline or powder	CRYSTALLINE HgCl2 . Assay 99.5 %. Iron 0.002 %. Poly bottle poison pack	500 gm	10	Fisher 98/99 P-M 1551-500 p 172 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00209	Calcium chloride dihydrate CaCl2 . 2H2O	F.wt =147.02. Assay 99.0 – 107.0%. Magnesium and alkali salts 1.0 %. PH of a 5% sol. At 25C0 4.5 – 9.2. Poly bottle	500 gm	6	Fisher 98/99 P-C 70 – 500 p 76 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.

NO	materials		Unit	Qu.	Cat. Reference	Unit Price	Total Price	Destination	Department
06-09-00210	Citric acid monohydrate	F.wt =210.14. Assay 99.0 – 102.0%. Insoluble matter 0.05 %. Poly bottle	500 gm	6	Fisher 98/99 P-A 104 – 500 p 91 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00211	Boric acid H3BO3 crystalline	F.wt =61.83. Assay 99.5 %. Insoluble matter 0.05 %. Amber glass	500 gm	6	Fisher 98/99 P-A 73 – 500 p 60 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00212	Chromium III chloride hexahydrate CrCl3 . 6H2O	F.wt =266.45, Insoluble matter 0.010%, Alkalis and earths 0.30%, Sulfate 0.020 %. Amber glass	500 gm	6	Fisher 98/99 P-C 325 – 500 p 89 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00213	Ethylenediamine tetraacetic acid	F.wt =292.25, assay 99.5%, pH of 5% sol. At 25C0=2.5 – 3.5, white , crystalline powder. Amber glass	500 gm	3	Fisher 98/99 P-BP 118 – 500 p 384 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00214	Hydrogen peroxide	F.wt 34.01, 50% stablized, Assay 48.0–51.0%, Ash 0.01%. Poly bottle	500 ml	10	Fisher 98/99 P-H 341 – 500 p 144 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00215	L-(+)-Tartaric acid	Fine powder of 150.09 F.wt, chloride 0.001%, Heavy metals 5 ppm. Poly bottle	500 gm	6	Fisher 98/99 P-A 315 – 500 p 336 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00216	Potassium hydroxide , KOH	1-KOH pellets of 56.11 F.wt. 2-assay 85.0 %. 3 potassium carbonate 1.0 %. Poly bottle	1 Kg	10	Fisher 98/99 P- P 250–1- p 214 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00217	Pottassium permanganate	Crystalline kmno4 of 158.04 F.wt, assay 99.0%, Incoluble matter 0.2%, Murcury as(Hg) 0.05 ppm. Amber glass	500 gm	6	Fisher 98/99P- P 279 –500 p 219 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00218	Pottassium chloride KCL	Crystalline Kcl of 74.55 F.wt, Assay 99.0–100.5%, Incoluble matter 0.005%. Poly bottle	500 gm	10	Fisher 98/99 P p 217 – 500 p 210 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00219	Potassium Iodide KL	Granula KI of 166.00 F.wt, Assay 99.0%, Insoluble matter 0.005%. Poly bottle	100 gm	20	Fisher 98/99P- P 410 – 100 p 217 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.

NO	materials		Unit	Qu.	Cat. Reference	Unit Price	Total Price	Destination	Department
06-09-00220	Sodium nitrate NaNo3	crystalline NaNo3 with 84.99 F.wt., assay 99.0%, Insoluble matter 0.005%. Poly bottle	500 gm	10	Fisher 98/99P- S 343 – 500 p 261 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00221	Sodium chloride, Nacl	crystalline Nacl with 84.99 F.wt., assay 99.0%, Insoluble matter 0.005%. Poly bottle	1 Kg	6	Fisher 98/99P- S 271 –1- p 248 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00222	Salicylic acid	crystalline 2-hydroxy benzoic acid wilu F.wt 138.12, assay 99.5 to 101.0%. Poly bottle	500 gm	10	Fisher 98/99P- A 275 – 500- p 231 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00223	Tin (II) Chloride Dihydrate, Stannous chloride	crystalline SuCl2.2H2O wilu F.wt 225.63, Assay 98.0–103.0%, Insolubility in HCL complete, Sulphate about 0.003%. Poly bottle	100 gm	30	Fisher 98/99P- T 142 – 100 p 344 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00224	Zinc chloride, ZnCl2	crystalline ZnCl2 of 136.28 F.wt., Assay 97.0%, Oxychloride to pass test, Insoluble matter 0.005%. Poly bottle	100 gm	30	Fisher 98/99 P-Z 33 – 100 p 362 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00225	Antimony trichloride	Flakes or crystals of 228.11 F.wt., Assay 99.0%, Copper 0.001%. Stannous chloride, Amber Glass	500 gm	6	Fisher 98/99 P-A 853 – 500 p 47 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00226	Methylene blue	Amber Glass	100 gm	20	Fisher 98/99 P-M 291 –100 p 177 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00227	Oxalic acid dihydrate	crystalline oxalic acid of 126.07 F.wt., assay 99.5–102.5%, Insoluble matter 0.005%. Poly bottle	500 gm	10	Fisher 98/99 P-A 219 – 500 p194 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00228	Phenolphthalein	clarity of alcohol solution ~to pass test, Visual transition Interval ~colorless (PH8.0) to Red (PH 10.0). Amber Glass	100 gm	20	Fisher 98/99 P p 79 – 100 p 200 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.

NO	materials		Unit	Qu.	Cat. Reference	Unit Price	Total Price	Destination	Department
06-09-00229	Ammonium sulfate	Granular(NH ₄) ₂ SO ₄ of 132.14 F.wt., Assay 99.7%, Insoluble matter 0.005 %. Poly bottle	500 gm	6	Fisher 98/99 P-A 702 – 500 p 45 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00230	m- phosphoric acid Glacial	crystals or flakes, Assay (HPO ₃) 33.5– 36.5%, Stabligen (NaPo ₃) 57– 63%, Chloride 0.001%. Amber Glass	500 gm	6	Fisher 98/99 P-A 280 – 500 p 204 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00231	Sucrose	crystalline form, Insoluble matter 0.005%, Loss on drying at 1050C 0.03%. Poly bottle	500 gm	10	Fisher 98/99 P-S 5 – 500 p 328			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00232	O – Xylene	Color (APHA) 20, Melting Range +2C incl., - 24C. Amber Glass	4 Liter	7	Fisher 98/99 P-O 5081 – 4- p 358 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00233	n- Amyl Alcohol	Assay 98%, Color 15, Water 0.5%. Amber Glass	4 Liter	4	Fisher 98/99 P-A 394 – 4 p 46 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00234	Petroleum Ether	Color (APHA) 5, Acidity ~to pass test, Water 0.01%. Amber Glass	4 Liter	4	Fisher 98/99 P-E 120 – 4 p 198 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00235	Bromothymol Blue	pH indicator, Clarity of solution ~ to pass test, Visual transition Interval yellow (PH6.0) to blue (PH 7.6). Amber Glass	10 gm	100	Fisher 98/99 P-B 388 – 10 p 64 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00236	Potassium chromate , K ₂ Cro ₄	Granular K ₂ Cro ₄ of 194.20 F.wt, Assay 99.5–100.5%, Insoluble matter 0.005%. Poly bottle	100 gm	10	Fisher 98/99 P p 220 –100 p 211 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00237	Bromocresol purple	pH Indicator over PH range 5.2 – 6.8. color changes from yellow to purple, Visual transition Interval ~ to pass test. Amber Glass	50gm	50	Fisher 98/99 P-B 393 –5- p 63 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.

NO	materials		Unit	Qu.	Cat. Reference	Unit Price	Total Price	Destination	Department
06-09-00238	Paraffin	Heavy liquid petrol petroleum, Specific gravity at 250C 0.845 – 0.905, Viscosity at 400C 34.5cetistokes. Amber Glass	4 Liter	4	Fisher 98/99 P-O 122 –4 - p 183 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00239	Uranine	Concentrated, water soluble uranine. Amber Glass	500 gm	6	Fisher 98/99 P-A 833 –500 p354 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00240	Orcinol monohydrate	Formerly purified grade. Amber Glass	25 gm	20	Fisher 98/99 P-O 244 –25 p 193 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00241	Manganese II chloride tetrahydrate	Crystalline MnCl ₂ .4H ₂ O of F.wt =197.91, Assay 98.0–101.0%, Insoluble matter 0.005%, Sulphate 0.005%. Amber Glass	500 gm	4	Fisher 98/99 P-M 87 –500 p168 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00242	Resorcinol	Melting point 1090C–1110C, Insoluble matter 0.005%. Amber Glass	500 gm	4	Fisher 98/99 P-R 17–500 p 228 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00243	1- Propanol	propanol alcholor N propanol, Color 20, Boiling range 96–980C. Amber Glass	4 Liter	4	Fisher 98/99 P-A 414 –4 p 224 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00244	2- propanol	Isopropyl alcohol of 60.10 F.wt, Assay 99.9%, Color 5. Amber Glass	4 Liter	4	Fisher 98/99 P-A 464 –4 p 224 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00245	Ethyl Ether Anhydrous	Assay 90.0%, Color 10, Density at 25C, 7079 g/ml. Tin Can	4 Liter	4	Fisher 98/99 P-E 138 –4 p 118 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00246	1-Naphthol	Melting point 950C–970C, Solubility in alcohol clear and complete, Reaction to litmus nutral. Amber Glass	100 gm	20	Fisher 98/99 P-N 12 –100 p 186 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00247	Gelatin Type A	Gelatin of grade A purified, Granular form. Glass	500 gm	6	Fisher 98/99 P-G 8 –500 p 126 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00248	Formaldehyde	Assay 36.5–38.0%, Color 10, Residu after ignition 0.005%. Poly bottle	4 Liter	4	Fisher 98/99 P-F79P–4 p 123 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.

NO	materials		Unit	Qu.	Cat. Reference	Unit Price	Total Price	Destination	Department
06-09-00249	Iron (III) Chloride Hexahydrate (Ferric chloride)	Iron III chloride hexahydrate of 270.30 F.wt, Assay 97.0–102.0%, Insoluble matter 0.01%, Nitrate 0.01%. Poly bottle	100 gm	6	Fisher 98/99 P-I88 –100 p 152 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00250	Mercury (I) chloride	Assay 99.5%, Residue after reduction 0.02%, Mercury II chloride 0.01%, Sulphate 0.01%. Amber Glass	100 gm	20	Fisher 98/99 P-M 159– 100 p 172 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00251	Silica Gel Desiccant, Indicating	3.8 Mesh, Grad 44. Poly bottle	2.5 Kg	2	Fisher 98/99 P-S 689 –212 p 236 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00252	Ammonium hydroxide	Aqueous ammonia of 35.05f.wt, Assay 20– 22%, Aluminium 500 ppt. HDPE	250 ml	40	Fisher 98/99 P-A 470 – 250 p 41 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00253	Silica Gel Disiccant	12.28 Mesh, Grade 408. Poly bottle	2.5 Kg	1	Fisher 98/99 P-S 156 – 212 p 236 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00254	Carbon , Activated	Fine black powder, free from matter gritty, Acid soluble substances 3.5%, Absorptive powder to pass test, Chloride 0.2%. Poly bottle	500 gm	6	Fisher 98/99 P-C 272 – 500 p 80 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00255	Silver nitrate sol. 1 N	Normality 0.995–1.005, Color 5. Amber Glass	500 ml	20	Fisher 98/99 P-SS 68 –500 p 239 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00256	Ammonium hydroxid solution	Aqueous ammonia NH4OH of 35.05 F.wt, Assay as(NH3) w/w 28.0–30.0%, Residue after ighition 3 ppm, Carbon dioxide 0.002%. Glass/ safe- cote	2.5 Liter	6	Fisher 98/99 P-A 669S – 212 p 42 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00257	Ammonium floride	Crystalline NH4F of 37.04 F.wt, Assay 98.0%, Insoluble mater 0.005% Residu after ignition 0.01%. Glass	500 gm	6	Fisher 98/99 P-A 665 –500 p 40C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.

NO	materials		Unit	Qu.	Cat. Reference	Unit Price	Total Price	Destination	Department
06-09-00258	Ammonium chloride	Granular NH ₄ CL of 53.49 F.wt, Assay 99.5-100.5%, Heavy metals 0.001%, Loss on drying 0.5%. Poly bottle	500 gm	6	Fisher 98/99 P-A 649 – 500 p 39 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00259	Aluminium Nitrate Nonahydrate	Crystalline Al(NO ₃) ₃ .9H ₂ O with 375.13 F.wt, Assay 98.0–102%, Insoluble matter 0.005%, Chloride 0.005%, Sulphate 0.005%. Amber Glass	500 gm	12	Fisher 98/99 P-A 586 – 500 p 36 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00260	Calcium Nitrate Tetrahydrate	Crystalline form, Assay 99.0–103.0%, Chloride 0.002%, Sulphate 0.002%. Poly bottle	500 gm	6	Fisher 98/99 P-C 109 –500 p 77 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00261	Cleaning solution(Chromic-sulfuric Acid)	Chromic sulphuric acide sol, For cleaning glassware. Glass/ safe- cote	2.5 Liter	6	Fisher 98/99 P-SC 88S– 212 p 91C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00262	Cobalt(II) Chloride Hexahydrate	Crystalline CoCl ₂ .6H ₂ O with F.wt 237.93, Assay 98.0–102.0%, Insoluble matter 0.01%, Nitrate 0.01%. Amber Glass	500 gm	6	Fisher 98/99 P-C 371 –500 p 92 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00263	Cobalt(II) Nitrate Hexahydrate	Crystalline form, Assay 98.0–102.0%, Insoluble matter 0.001%, Chloride 0.002%, Sulphate 0.005%. Amber Glass	500 gm	6	Fisher 98/99 P-C 378 –500 p 93 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00264	Copper (II) Nitrate Hemipentahydrate	Crystalline cupric nitrate, Assay 98.0–102.0%, Insoluble matter 0.01%, chloride 0.002%. Poly bottle	500 gm	6	Fisher 98/99 P-C 467 –500 p 96 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00265	Chromium (III) Potasium Sulphate Dodecahydrate	Crystalline form, Assay 98.0–102.0%, Insoluble matter 0.01%. Amber Glass	500 gm	6	Fisher 98/99 P-C 337 – 500 p 90 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00266	Iron (II) Chloride Tetrahydrate	Crystalline form, Assay 98.0–102.0%, Insoluble matter 0.01%. Amber Glass	500 gm	6	Fisher 98/99 P-190 –500 p 152 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.

NO	materials		Unit	Qu.	Cat. Reference	Unit Price	Total Price	Destination	Department
06-09-00267	Mercury (I) Nitrate Dihydrate	Crystalline or powder HgNo2.2H2O, Assay 97.0%, Insoluble matter 0.005%. Amber Glass	500 gm	6	Fisher 98/99 P-M 169 – 500 p 172 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00268	Potassium Carbonate Anhydrous	Granular powder form, Assay 97.0%, Insoluble matter 0.01%, Chloride 0.003%. Amber Glass	500 gm	6	Fisher 98/99 P- P 208 – 500 p 209 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00269	Potassium Thiocyanate	Crystalline form, Assay 99.0%, Insoluble H2O 0.005%, insoluble in alcohol 0.01%. Amber Glass	500 gm	10	Fisher 98/99 P- P 317 –500 p 223 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00270	Phenol Red , Free Acid	pH indicator, Clarity of solution– to pass test, Visual transition interval yellow (PH6.8). to Red(PH8.2). Amber Glass	10 gm	50	Fisher 98/99 P- P 74-10 p 201 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00271	Potassium Bromide	Beads or powder formula, Assay 99.0%, Insoluble matter 0.005%. Poly bottle	500 gm	6	Fisher 98/99 P- P 205 –500 p 209 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00272	Lead (II) Nitrate	Crystalline form, Assay 99.0%, Chloride 0.001%, Copper 0.002%. Amber Glass	500 gm	10	Fisher 98/99 P- L 62 –500 p 159 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00273	Magnesium Nitrate Hexahydrate	Crystalline form, Assay 98.0–102.0%, Insoluble matter 0.005%. Glass	2.5 Kg	4	Fisher 98/99 P-M 46 –212 p 165 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00274	Magnesium Clorid Hexahydrate	Crystalline form, Assay 99.0–102.0%, Insoluble matter 0.005%. Poly bottle	500 gm	4	Fisher 98/99P- M 33 –500 p 164 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00275	Manganese (II) Chloride Tetrahydrate	Crystallineform, Assay 98.0–101.0%, Insoluble matter 0.005%, Sulphate 0.005%. Amber Glass	500 gm	6	Fisher 98/99 P-M 87 –500 p 168 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00276	Sodium Sulfate Anhydrous	powder form, Assay 99.0–100.5%, Acidity or alkalinity to pass test. Poly bottle	500 gm	6	Fisher 98/99 P- S 429 –500 p 267 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.

NO	materials		Unit	Qu.	Cat. Reference	Unit Price	Total Price	Destination	Department
06-09-00277	Sodium Nitrate	Crystalline form, Assay 99.0%, Insoluble matter 0.005%. Poly bottle	500 gm	6	Fisher 98/99 P- S 343 -500 p 261 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00278	Sodium Thiocyanate	Crystalline form, Assay 98.0%, Insoluble matter 0.005%. Amber Glass	500 gm	6	Fisher 98/99 P- S 441 -500 p 270 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00279	Zinc Chloride	Granular form, Assay 97.0–100.5%, Ammonium to pass test, Insoluble matter 0.005%. Poly bottle	500 gm	6	Fisher 98/99 P- Z 32 -500 p 362 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00280	Paraffin (solid)	Bead form, Melting point 530–570C. Poly bottle	500 gm	6	Fisher 98/99 P- P 31 -500 p 195 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00281	Buffer Concentrate, PH 7.00	Buffer solution of PH 7.00, Color (APHA) 10. Poly bottle	500 ml	6	Fisher 98/99 P- SB 109– 500 p 67 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00282	Buffer solution	Buffer solution of PH 4.00, Color (APHA) 5. Poly bottle	1 liter	6	Fisher 98/99 P- SB 98 -1 p 66 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00283	Buffer solution	Solution of PH 8.00, Color (APHA) 5. Poly bottle	1 liter	6	Fisher 98/99 P- SB 112–1 p 68 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00284	Buffer solution	Sloution of PH 10.00, Color (APHA) 5. Poly bottle	500 ml	6	Fisher 98/99 P- SB 116– 500 p 69 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00285	Buffer solution	Solution of PH 2.00, Color (APHA) 5. Poly bottle	500 ml	6	Fisher 98/99 P- SB 96 -500 p 65 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00286	Buffer solution	Solution of PH 13.00. Poly bottle	500m	6	Fisher 98/99 P- LC 12565– 1 p 69 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00287	L –Alanine	White crystals or crystalline powder, Assay 98.5–101.0%, Ammonium 0.02%, Heavy metals 10ppm. Amber Glass	100 gm	6	Fisher 98/99 P- BP 369– 100 p 371 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.
06-09-00288	L – Arginine	White crystals or crystalline powder, Assay 98.5–101.0%, Ammonium 0.02%, Heavy metals 10 ppm. Amber Glass	100 gm	6	Fisher 98/99 P- BP 370– 100 p 373 C			Dohuk University	Agriculture/Plant Pdction/ Chem. Lab.