<u>ANNEX</u>

Identi- fication number of the additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum contentMaximum contentmg/kg of complete feedingstuff with a moisture content of 12%		Other provisions	End of period of authorisation
1a296	DL-Malic acid	Additive compositionDL-Malic acid \geq 99,5 %Characterisation of the active substanceDL Malic acid \geq 99,5 %C4H ₆ O ₅ CAS No 6915-15-7 (or 617-48-1)Sulphated ash \leq 0,02 %Fumaric acid \leq 1 %Maleic acid \leq 0,05 %Produced by chemical synthesisMethod of Analysis ¹ For the quantification of the malic acid in	All animal species	-	-	-	For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including skin, eye and breathing	[10 years from the date of entry into force of this Regulation To be completed by the Service responsible for the publication]
		 the feed additive: titration with sodium hydroxide (European Pharmacopoeia Monograph 2080) For the quantification of the malic acid (expressed as total malic acid) in the premixtures and feedingstuffs: ion exclusion High Performance Liquid Chromatography with UV detection (HPLC-UV) 					protections.	

Identi-			<u>C</u>		Minimum content	Maximum content		
ncation number of the additive	Additive	Composition, chemical formula, description, analytical method	species or category of animal	Maximum age	mg/kg of feedingstuff w content	complete vith a moisture of 12%	Other provisions	End of period of authori- sation
Category:	tecnhological a	additives. Functional group: preservatives	_					
1a330	Citric acid	Additive compositionCitric acid \geq 99.5 % (in dry matter)Characterisation of the active substanceCitric acid \geq 99.5 %Anhydrous form:C6H807 CAS No 77-92-9Monohydrate form:C6H807.H20 CAS No 5949-29-1sulphated ash < 0.05%	All animal species	-		15000	 "The mixture of different sources of citric acid shall not exceed the permitted maximum levels in complete feedingstuffs." For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections. 	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]

Identi-			G .		Minimum content	Maximum content		
number of the additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	mg/kg of feedingstuff w content	complete vith a moisture of 12%	Other provisions	End of period of authori- sation
Category:	tecnhological a	additives. Functional group: acidity regula	tors					
1a330	Citric acid	Additive compositionCitric acid \geq 99.5 % (in dry matter)Characterisation of the active substanceCitric acid \geq 99.5 %Anhydrous form:C ₆ H ₈ O ₇ CAS No 77-92-9Monohydrate form:C ₆ H ₈ O ₇ .H ₂ O CAS No 5949-29-1sulphated ash < 0.05%oxalic acid < 100 mg/kgProduced by:- Aspergillus niger DSM 25794 or- Aspergillus niger CGMCC4513/CGMCC 5751 or- Aspergillus niger CICC 40347/CGMCC5343Method of Analysis ¹ For the quantification of citric acid in thefeed additive:- titration with sodium hydroxide(European Pharmacopoeia, Monograph0455 and 0456)For the quantification of citric acid astotal citric acid in the premixtures andfeedingstuffs:- ionexclusion High Performance LiquidChromatography with Refractive index orUV detection (HPLC-RI/UV)	All animal species	-		15000	 "The mixture of different sources of citric acid shall not exceed the permitted maximum levels in complete feedingstuffs." For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections. 	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]

Identi-			S		Minimum content	Maximum content		
number of the additive	Additive	Composition, chemical formula, description, analytical method	species or category of animal	Maxi- mum age	mg/kg of feedingst moisture 12	complete uff with a content of 2%	Other provisions	End of period of authorisation
Category: 1	echnological additi	ves. Functional group: preservatives.						
1a200	Sorbic acid	Additive compositionSorbic acid \geq 99%Solid formActive substanceSorbic acid \geq 99%C ₆ H ₈ O ₂ CAS No 110-44-1Sulphate ash \leq 0.2%Aldehydes \leq 0.1%Produced by chemical synthesisAnalytical method ¹ For the determination of sorbic acid in feedadditive:- titration with sodium hydroxide(European Pharmacopoeia 6.0, method01/2008:0592)For the determination of sorbic acid inpremixtures and feedingstuffs:- ion exclusion High Performance LiquidChromatography with UV detection(HPLC-UV)	All animal species other than ruminants with a non- functional rumen Ruminants with a non- functional rumen		-	2 500	 "The mixture of different sources of sorbic acid shall not exceed the permitted maximum levels in complete feedingstuffs." For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections. 	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]

Identi- fication number of the additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maxi- mum age	Minimum content mg/kg of feedingst moisture con	Maximum content complete uff with a ntent of 12%	Other provisions	End of period of authorisation
Category:	technological additi	ves. Functional group: preservatives						
1k202	Potassium sorbate	Additive compositionPotassium sorbate \geq 99%Solid formActive substancePotassium sorbate \geq 99%C6 H7 KO2 CAS No 24634-61-5Produced by chemical synthesisAnalytical method ¹ For the determination of potassium sorbatein feed additive:- titration with perchloric acid (EuropeanPharmacopoeia 6.0, method 01/2008:0618)For the determination of potassium sorbatein premixtures and feedingstuffs:- ion exclusion High Performance LiquidChromatography with UV detection(HPLC-UV)	All animal species other than ruminants with a non- functional rumen Ruminants with a non- functional rumen	-	- - -	2500 (sorbic acid) 6700 (sorbic acid)	 "The mixture of different sources of potassium sorbate shall not exceed the permitted maximum levels in complete feedingstuffs." For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections. 	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]

Identi- fication			Species or	Matura	Minimum content	Maximum content		
number of the additive	Additive	description, analytical method	category of animal	Maximum age	mg/kg of feedingstuff w content	complete ith a moisture of 12%	Other provisions	End of period of authori- sation
Category:	technological a	dditives. Functional group: preservatives					·	
1a260 2b08002	Acetic acid	additives. Functional group: preservativesAdditive compositionAcetic acid \geq 99.8 %Liquid formCharacterisation of the active substanceAcetic acid \geq 99.8 %C2H4O2C2H4O2CAS no 64-19-7Water \leq 0.15%Non volatile matter \leq 30 mg/kgFormic acid and its salts and other oxidisable material \leq 1g/kgProduced by chemical synthesis including cellulose production (as a by- product)Method of Analysis ¹ For the determination of acetic acid in feed additive: - titration with sodium hydroxide (European Pharmacopoeia, monograph)	Poultry Pigs Pets Ruminants	-	-	2 500	 "The mixture of different sources of acetic acid shall not exceed the permitted maximum levels in complete feedingstuffs for related species." For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections. 	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]
		 0590) For the determination of acetic acid as total acetic acid content in premixtures and feedingstuffs: - ion exclusion chromatography with UV and/or refractive index detection (HPLC-UV/RI) 						

Identi- fication		Species or		Minimum content	Maximum content		
number Additive of the additive	Composition, chemical formula, description, analytical method	category of animal	Maximum age	mg/kg of feedingstuff w content	complete vith a moisture of 12%	Other provisions	End of period of authori- sation
Category: technological	additives. Functional group: preservatives						
1a262 Sodium diacetate	Additive compositionSodium diacetate $\geq 58 \%$ (Solid form)Characterisation of the active substanceSodium diacetate (anhydrous and trihydrate) $\geq 58 \%$ NaC4H7O4CAS no 126-96-5Acetic acid $\geq 39 \%$ Water $\leq 2\%$ Non volatile matter $\leq 30 \text{ mg/kg}$ Formic acid and its salts and other oxidisable material $\leq 1 \text{g/kg}$ Method of Analysis ¹ For the determination of sodium diacetate in feed additive: - titration with sodium hydroxide and titration with perchloric acid (European Pharmacopoeia, monographs 0590 and 0411)For the determination of sodium diacetate as total acetic acid content in premixtures, feedingstuffs: - ion exclusion chromatography with UV and/or refractive index detection (HPLC-	Poultry Pigs Pets Ruminants		-	2 500 (as acetic acid)	 "The mixture of different sources of acetic acid shall not exceed the permitted maximum levels in complete feedingstuffs for related species." For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections 	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]

Identi- fication number of the	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content mg/kg of feedingstuff w	Maximum content complete ith a moisture	Other provisions	End of period of authori- sation
additive					content	of 12%		
Category:	technological a	dditives. Functional group: preservatives			1	1		1
1a263	Calcium acetate (anhydrous and monohydra te)	Additive compositionCalcium acetate $\geq 98.7 \%$ Solid formCharacterisation of the active substanceCalcium acetate $\geq 98.7 \%$ C4H6CaO4CAS no 62-54-4Water $\leq 6\%$ Non volatile matter $\leq 30 \text{ mg/kg}$ Formic acid and its salts and otheroxidisable material $\leq 1g/kg$ Iron $\leq 0.5 \text{ mg/kg}$ Method of Analysis ¹ For the determination of calcium acetatein feed additive:- titration with sodium edetate (EuropeanPharmacopoeia, monograph 2128)For the determination of calcium acetateas total acetic acid content inpremixtures, feedingstuffs:- ion exclusion chromatography with UVand/or refractive index detection (HPLC-UV/RI)	Poultry Pigs Pets		-	2 500 (as acetic acid) -	 The mixture of different sources of acetic acid shall not exceed the permitted maximum levels in complete feedingstuffs for related species. For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections 	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]

Identi- fication number of the additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content mg of additive feedingstuff w content	Maximum content /kg of complete /ith a moisture c of 12%	Other provisions	End of period of authori- sation
Category:	technological a	dditives. Functional group: preservatives						
1k280	Propionic acid	<i>Additive composition</i> Propionic acid ≥ 99.5 % Liquid form	All animal species other than pigs and poultry	-	-	-	1. The mixture of different sources of propionic acid shall not exceed the permitted maximum levels in complete feedingstuffs for	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]
		Characterisation of the active substance Propionic acid \geq 99.5 % C ₃ H ₆ O ₂ CAS no 79-09-4 Non-volatile residue \leq 0.01% when dried at 140°C to constant weight Aldehydes \leq 0.1% expressed as propanaldehyde Produced by chemical synthesis	Pigs Poultry		-	30 000	 For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such 	
		 Method of Analysis¹ For the quantification of propionic acid as total propionic acid in feed additive, premixtures, feedingstuffs: ion exclusion High Performance Liquid Chromatography with refractive index or UV detection (HPLC-RI/UV) 					the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections	

Identi- fication		Species or		Minimum content	Maximum content		
number Addi of the additive	itive Composition, chemical formula, description, analytical method	category of animal	Maximum age	mg of ado complete fee a moisture c	ditive/kg of dingstuff with ontent of 12%	Other provisions	sation
Category: technolo	ogical additives. Functional group: preservatives						
1k281 Sodium propior	m mateAdditive compositionSodium propionate $\geq 98.5 \%$ Solid formCharacterisation of the active substanceSodium propionate $\geq 98.5 \%$ C3H5O2NaCAS no 137-40-6Loss on drying $\leq 4\%$ determined by drying for two hours at 105°CProduced by chemical synthesisMethod of Analysis ¹ For the quantification of sodium propionate as total propionic acid in feed additive, premixtures, feedingstuffs :-ion exclusion High Performance Liquid Chromatography with refractive index or UV detection (HPLC-RI/UV)	All animal species other than pigs and poultry Pigs Poultry		-	- 30 000 (as propionic acid) 10 000 (as propionic acid)	 The mixture of different sources of propionic acid shall not exceed the permitted maximum levels in complete feedingstuffs for related species. For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections 	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]

Identi- fication number of the additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content mg/kg o feedingstuff conter	Maximum content of complete with a moisture nt of 12%	Other provisions	End of period of authori- sation
Category:	l technological a	dditives. Functional group: preservatives						
1a282	Calcium propionate	Additive composition Calcium propionate ≥ 98.0% on dry matter basis Solid form Characterisation of the active substance Calcium propionate ≥ 98.0% C ₆ H ₁₀ O ₄ Ca CAS no 4075-81-4 Loss on drying ≤6% determined by drying for two hours at 105°C Produced by chemical synthesis Method of Analysis ¹ For the quantification of calcium propionate as total propionic acid in feed additive, premixtures, feedingstuffs: - ion exclusion High Performance Liquid Chromatography with refractive index or UV detection (HPLC-RI/UV)	All animal species other than pigs and poultry Pigs Poultry	-	- - -	- 30 000 (as propionic acid) 10 000 (as propionic acid)	 The simulaneus use of calcium propionate with other organic acids at or near the maximum permitted content is not recommended. "The mixture of different sources of propionic acid shall not exceed the permitted maximum levels in complete feedingstuffs for related species." For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections. 	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]

Identi- fication		Species or		Minimum content	Maximum content		
number Additive of the additive	Composition, chemical formula, description, analytical method	category of animal	Maximum age	mg of additive feedingstuff v conten	e/kg of complete with a moisture t of 12%	Other provisions	End of period of authori- sation
Category: technological add	litives. Functional group: preservatives						
1k284 Ammonium propionate	Additive compositionPreparation of ammonium propionate $\geq 19,0 \%$, propionic acid $\leq 80,0 \%$ andwater $\leq 30 \%$ Liquid formCharacterisation of the active substanceAmmonium propionate contains $C_3H_9O_2N$ CAS no 17496-08-1Produced by chemical synthesisMethod of Analysis!For the quantification of the ammoniumpropionate in the feed additive:• (1) ion exclusion High PerformanceLiquid Chromatography with refractiveindex detection (HPLC-RI) – for thedetermination of total propionate; and(2) titration with sulphuric acid andsodium hydroxide – for the determinationof ammonia.For the quantification of ammoniumpropionate as total propionic acid in feedadditive, premixtures, feedingstuffs:• ion exclusion High Performance LiquidChromatography with refractive index orUV detection (HPLC-RI/UV)	All animal species other than pigs and poultry Pigs Poultry		- -	- 30 000 (as propionic acid) 10 000 (as propionic acid)	 "The mixture of different sources of propionic acid shall not exceed the permitted maximum levels in complete feedingstuffs for related species." For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections 	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]

Identi-					Minimum content	Maximum content		
fication number of the additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maxi- mum age	mg of add complete with a conten	ditive/kg of feedingstuff moisture t of 12%	Other provisions	End of period of authorisation
Category: 1	echnological additi	ives. Functional group: preservatives.						
1k236 2b08001	Formic acid	Additive composition Formic acid ≥ 84.5% Liquid form Characterisation of the active substance Formic acid ≥ 84.5% H ₂ CO ₂ CAS no 64-18-6 Produced by chemical synthesis Analytical method ¹ For the determination of formic acid in feed additive, premixtures and feedingstuffs: - ion chromatography method equipped with electrical conductivity detection (IC-ECD) or - Ion exclusion high performance liquid chromatography with UV or refractive index detection (HPLC-UV/RI)	All animal species other than pigs Pigs			10 000	 "The mixture of different sources of formic acid shall not exceed the permitted maximum levels in complete feedingstuffs for related species." For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections 	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]

Identi- fication			Species or	Maxi-	Minimum content	Maximum content		
number of the additive	Additive	Composition, chemical formula, description, analytical method	category of animal	mum age	mg of additive/kg of complete feedingstuff with a moisture content of 12%		Other provisions	End of period of authorisation
Category: technological additives. Functional group: preservatives.								
1k237	Sodium formate	Additive composition Sodium formate \geq 98 % Solid form	All animal species other than pigs	-		10 000 (formic acid equivalent)	1. "The mixture of different sources of formic acid shall not exceed the permitted maximum levels in complete feedingstuffs for related species."	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]
		Sodium formate $\geq 15\%$ Formic acid $\leq 75\%$ Water $\leq 25\%$ Liquid form <i>Characterisation of the active substance</i> Sodium formate HCO ₂ Na CAS No.: 141-53-7 Produced by chemical synthesis <i>Analytical method</i> ¹ For the determination of sodium in the feed additives: - EN ISO 6869: atomic absorption spectrometry (AAS) or EN 15510: inductively coupled plasma atomic emission spectrometry (ICP-AES) For the determination of total formate in the feed additives: - EN 15909: reverse phase HPLC-UV For the determination of total formate in premixtures and feedingstuffs: - Ion-exclusion high performance liquid chromatography with UV or refractive index detection (HPLC-UV/RI) or - Ion chromatography method equipped with electrical conductivity detection (IC-ECD)	Pigs			12 000 (formic acid equivalent)	For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections	

Identi- fication number of the additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maxi- mum age	Minimum content mg of add complete feed a moisture co	Maximum content litive/kg of lingstuff with ontent of 12%	Other provisions	End of period of authorisation
Category: 1	echnological additi	ves. Functional group: preservatives.			<u> </u>			
1a238	Calcium formate	Additive compositionCalcium formate $\geq 98 \%$ Solid formCharacterisation of the active substanceCalcium formateCa(HCO)2 CAS No.: 544-17-2Produced by chemical synthesisAnalytical method ¹ For the determination of calcium in thefeed additives:- EN ISO 6869: atomic absorptionspectrometry (AAS) orEN 15510: inductively coupled plasmaatomic emission spectrometry (ICP-AES)or EN 15909: complexometrical titrationwith EDTA.For the determination of total formate inthe feed additives:- EN 15909: reverse phase HPLC-UVFor the determination of total formate inpremixtures and feedingstuffs:- Ion-exclusion high performance liquidchromatography with UV or refractiveindex detection (HPLC-UV/RI) or- Ion chromatography method equippedwith electrical conductivity detection(IC-ECD)	All animal species other than pigs Pigs	-		10 000 (formic acid equivalent) 12 000 (formic acid equivalent)	 "The mixture of different sources of formic acid shall not exceed the permitted maximum levels in complete feedingstuffs for related species." For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections 	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]

Identi- fication number of the additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maxi- mum age	Minimum content mg of add complete feed a moisture co	Maximum content itive/kg of lingstuff with ontent of 12%	Other provisions	End of period of authorisation
Category: t	echnological additi	ves. Functional group: preservatives.						
1a295	Ammonium formate	Additive compositionAmmonium formate $\geq 35\%$ Formic acid $\leq 64\%$ Liquid formCharacterisation of the active substanceAmmonium formate $\geq 35\%$ HCO2NH4 CAS No.: 540-69-2Formamide $< 3000 \text{ mg/kg}$ Produced by chemical synthesisAnalytical method ¹ Determination of total formate in feedadditives: EN 15909 reverse phase HPLC-UV.Determination of total formic acid in thepremixture, feedstuffs:Ion exclusion high performance liquidchromatography with UV or refractiveindex detection (HPLC-UV/RI) orIon chromatography method equipped withelectrical conductivity detection (IC-ECD)Determination of ammonium in the feedadditive: ISO 5664: distillation andtitration, or COM EC R152/2009 –Kjeldahl method.	All animal species other than laying hens, sows, dairy ruminants, pet and not- food producing animals	-		2 000 (formic acid equivalent)	 "The mixture of different sources of formic acid shall not exceed the permitted maximum levels in complete feedingstuffs for related species." For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections 	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]

Identi- fication number of the	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content mg/kg of feedingstuff w	Maximum content complete rith a moisture	Other provisions	End of period of authori- sation
Category: 1	t ecnhological a	dditives. Functional group: preservatives	All animal		-	20.000	1 "The mixture of	[10 years from the date of
142.70		Additive composition Lactic acid $\geq 72 \%$ (w/w) Liquid form Characterisation of the active substance Lactic acid: D-lactic $\leq 5 \%$ L-lactic acid $\geq 95 \%$ C ₃ H ₆ O ₃ CAS No 79-33-4 Produced by fermentation of: Bacillus coagulans (LMG S-26145 or DSM 23965), Bacillus smithii (LMG S-27890) or Bacillus subtilis (LMG S-27889). Method of Analysis ¹ For the determination of lactic acid in the feed additive: European Pharmacopoeia Monographs 0458 and the FAO JECFA lactic acid monograph No. 1 (2006) For the determination of the lactic acid in the premixtures, feedingstuffs: ion-exclusion high performance liquid chromatography with UV or refractive index detection (HPLC-UV/RI).	Pigs and ruminants Pigs and ruminants other than ruminants with a non- functional rumen			50 000	different sources of lactic acid shall not exceed the permitted maximum levels in complete feedingstuffs for related species." 2. For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections	entry into force of this Regulation To be completed by the OP]

Category: tecrehological additives. Functional group: preservatives Additive composition All animal species other than species other than pre- - 24 000 (lactic acid equivalent) 3. "The mixture of different sources of lactic acid shall not exceed the permitted maximum levels in complete feedingstuffs for related species." 10 years from the date of entry into force of this Regulation Solid form Characterisation of the active substance Calcium lactate ≥98 % (C:H502) = 0.11 CO CAS No 814-80-2 Produced by chemical synthesis Pigs and ruminants other than ruminants other than ruminants 30 0000 3. "The mixture of different sources of lactic or related species." I/D years from the date of entry into force of this Regulation Method of Analysis ¹ Produced by chemical synthesis Pigs and ruminants other than ruminants 30 0000 4. For users of the additive ad premixtures, feed business operators shall equivalent) For the determination of calcium lactate in the feed additive: European Pharmacopoeia Monographs (2118; 2117; 0468 and 0469), and the FAO JECFA calcium lactate monograph No. 1 (2006) Produced by cherminate acid in the premixtures, feedingstuffs: ion-exclusion high performance liquid chermination of the lactate (expressed as total lactic acid in the premixtures, feedingstuffs: ion-exclusion high performance liquid chermination of the lactate (corporator high performance liquid chermination of the lactate (corporator and with UV or refractive additive ad premixtures, equipment including skin, eye and breathing protections	Identi- fication number of the additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content mg/kg of feedingstuff w content	Maximum content complete ith a moisture of 12%	Other provisions	End of period of authori- sation
1a327 Calcium lactate Additive composition All animal species - 24 000 (lactic acid equivalent) 3. "The mixture of different sources of lactic acid shall not exceed the permitted maximum levels in complete feedingstuffs for related species." [10 years from the date of entry into force of this Regulation Characterisation of the active substance Calcium lactate ≥ 98 % (C3H5Q) : nH5Q The mixture of with anon- functional ruminants	Category: t	ecnhological a	dditives. Functional group: preservatives						
	Category: t 1a327	ecnhological a Calcium lactate	dditives. Functional group: preservativesAdditive compositionCalcium lactate ≥ 98 % (as dry matterw/w)Solid formCharacterisation of the active substanceCalcium lactate ≥ 98 %(C3H5O2) 2 \cdot nH2OCAS No 814-80-2Produced by chemical synthesisMethod of Analysis ¹ For the determination of calcium lactatein the feed additive:European Pharmacopoeia Monographs(2118; 2117; 0468 and 0469), and theFAO JECFA calcium lactate monographNo. 1 (2006)For the determination of the lactate(expressed as total lactic acid) in thepremixtures, feedingstuffs:ion-exclusion high performance liquidchromatography with UV or refractive	All animal species other than pre- ruminats Pigs and ruminants other than ruminants with a non- functional rumen	-	-	24 000 (lactic acid equivalent) 30 000 (lactic acid equivalent)	 "The mixture of different sources of lactic acid shall not exceed the permitted maximum levels in complete feedingstuffs for related species." For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment including skin, eye and breathing protections 	[10 years from the date of entry into force of this Regulation To be completed by the OP]