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Australian Pesticides and
Veterinary Medicines Authority

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Determination under section 8B of New Zealand's *Agricultural Compounds and Veterinary Medicines Act 1997* as existing on 5 March 2015

Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Colouring agent	Allura Red	25956-17-6		Red # 40	16035	129			Food Red 17, Allura Red AC
Colouring agent	Alfalfa Extract	84082-36-0					2013		
Colouring agent	Annatto bean extract	1393-63-1		Orange # 4	75120	160b			
Colouring agent	Astaxanthin	472-61-7				161j			
Colouring agent	Astaxanthin dimethyldisuccinate								
Colouring agent	Beetroot					162			Betanin, Beet Red
Colouring agent	beta-Apo-8-carotenoic acid, ethyl ester	1109-11-1			40825	160f			Food Orange 7
Colouring agent	beta-carotene				40800	160a (ii)			Food Orange 5
Colouring agent	Brilliant Black BN	2519-30-4			28440	151			Food Black 1, Black PN
Colouring agent	Brilliant Blue FCF	3844-45-9		Blue # 1	42090	133			Food Blue 2
Colouring agent	Calcium carbonate	471-34-1			77220	170			
Colouring agent	Canthaxanthin	514-78-3			40850	161g			Food Orange 8
Colouring agent	Capsanthin	465-42-9				160c			
Colouring agent	Caramel					150a			



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Colouring agent	Caramel Colour	8028-89-5			Natural Brown 10	150a; 150b; 150c; 150d	2235		
Colouring agent	Carbon black	1333-86-4			77268: 1	153			Vegetable Carbon
Colouring agent	Carminic acid [cochineal]	1260-17-9			75470	120			Natural Red 4, Cochineal, Carmine
Colouring agent	Carmosine	3567-69-9			14720	122			Food Red 3, Azorubine
Colouring agent	Carophyll pink	514-78-3							
Colouring agent	Chlorophyll	1406-65-1			75810	140			Natural Green 3
Colouring agent	Chocolate brown	4553-89-3			20285	155			Food Brown 3, Brown HT
Colouring agent	Citranaxanthin					161i			
Colouring agent	Cobalt carbonate	513-79-1							
Colouring agent	Colour Amaranth	915-67-3		Red # 2	16185	123			Food Red 9, Acid Red 27, Naphthol Red S
Colouring agent	Colour Brown HT	4556-89-3			20285	155			Food Brown 3, Chocolate Brown
Colouring agent	Colour Green S	3087-16-9			44090	142			Food Green 4, Brilliant Acid Green BS, Wool Green S
Colouring agent	Colour Indigo Carmine / Indigotine	860-22-0		Blue # 2	73015	132			Food Blue 1, Indigotine
Colouring agent	Copper carbonate	1184-64-1							



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Colouring agent	Copper chlorophyllin	11006-34-1			75815	141			Natural green 3
Colouring agent	Cryptoxanthin	465-42-9				161c			
Colouring agent	Erythrosine	16423-68-0		Red # 3	45430	127			Food Red 14/ Acid Red 51
Colouring agent	Ferrous oxide	1345-25-1				172			
Colouring agent	Haematococcus algae								
Colouring agent	Iron oxides - black	1317-61-9			77499	172			Pigment Black 11
Colouring agent	Iron oxides – red	1309-37-1			77491	172			Pigment Red 101
Colouring agent	Iron oxides – yellow	51274-00-1			77492	172			Pigment Yellow 42
Colouring agent	Lutein	57-83-0			75136	161b			
Colouring agent	Lycopene	502-65-8			75125	160d			
Colouring agent	Marigold, Aztec								
Colouring agent	Paprika					160c			
Colouring agent	Patent Blue V	129-17- 9/3536-49-0			42051	131			Food Blue 5
Colouring agent	Pericol black	2519-30-4							
Colouring agent	Ponceau 4R	2611-82-7	When used at no more than 50mg/kg in finished feed.		16255	124			Food Red 7, Cochineal Red A, New Coccine



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Colouring agent	Sunset yellow	2783-94-0		Yellow # 6	15985	110			Food Yellow 3, Orange Yellow S, Sunset Yellow FCF
Colouring agent	Tagetes oil	8016-84-0							
Colouring agent	Talc, Magnesium Silicate	14807-96-6	Food or pharmaceutical grade only						
Colouring agent	Tartrazine	1934-21-0		Yellow # 5	19140	102			Food Yellow 4
Colouring agent	Titanium dioxide	13463-67-7			77891	171			
Colouring agent	Turmeric	8024-37-1				100			
Colouring agent	Xanthophyll	127-40-2							
Colouring agent	Zeaxanthin					161h			
Colouring agent	Quinoline Yellow	8004-92-0							
Preservatives	2,4-Dichlorobenzyl alcohol	1777-82-8	To be used as a preservative only.						
Preservatives	Ammonium propionate	17496-08-1							
Preservatives	Ascorbic acid	50-81-7				300	2109		Vitamin C
Preservatives	Benzoic acid	65-85-0	≤ 0.1% of final feed			210	2131		
Preservatives	Benzyl benzoate	120-51-4					2138		Benzyl phenylformate
Preservatives	Benzyl paraben	94-18-8							Benzyl 4-hydroxybenzoate
Preservatives	Bronopol	52-51-7							



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Preservatives	Butyl paraben	94-26-8					2203		Butyl 4-hydroxybenzoate
Preservatives	Calcium citrate	5785-44-4				333			
Preservatives	Calcium disodium EDTA	62-33-9				385			Edetate Calcium
Preservatives	Calcium formate	544-17-2							
Preservatives	Calcium methyl paraben	40167-95-1							
Preservatives	Calcium propionate	4075-81-4				282			
Preservatives	Calcium propyl paraben	83542-69-2							
Preservatives	Calcium sulphate	7778-18-9							
Preservatives	Camphor	76-22-2	Maximum of 5% in premixes used in production of animal feeds.						
Preservatives	Chromium propionates								
Preservatives	Copper carbonate	1184-64-1							
Preservatives	Didecyl dimethyl ammonium bromide	2390-68-3							
Preservatives	Disodium EDTA	139-33-3	No more than 240mg/kg in finished feed						Edetate sodium
Preservatives	Ethyl paraben	120-47-8				214			Ethyl 4-hydroxybenzoate
Preservatives	Formaldehyde	50-00-0	Less than 0.25% of final feed						
Preservatives	Formic acid	64-18-6				236	2487		
Preservatives	Glycerol monooleate	25496-72-4							Monoolein
Preservatives	Hydrogenated Palm Stearine	11099-07-3							Octadecanoic acid, ester with 1,2,3-propanetriol



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Preservatives	Methyl paraben	99-76-3				218	2710		Methyl 4-hydroxybenzoate
Preservatives	Para-formaldehyde	30525-89-4	See formaldehyde						
Preservatives	Potassium sorbate	590-00-1				202	2921		
Preservatives	Propyl paraben	94-13-3				216	2951		Propyl 4-hydroxybenzoate
Preservatives	Sodium benzoate	532-32-1	≤ 0.1% of final feed			211	3025		
Preservatives	Sodium bisulphite	7631-90-5				222			
Preservatives	Sodium butyl paraben	36457-20-2							
Preservatives	Sodium diacetate	126-96-5				262			
Preservatives	Sodium metabisulphite	7681-57-4				223			
Preservatives	Sodium methyl paraben	5026-62-0				219			
Preservatives	Sodium nitrite	7632-00-0	≤ 1% of final feed			250			
Preservatives	Sodium propionate	137-40-6				281			Propanoic acid, sodium salt
Preservatives	Sodium propyl paraben	35285-69-9				217			
Preservatives	Sodium sulphite	7757-83-7				221			
Preservatives	Sorbic acid	110-44-1				200			
Preservatives	Zinc propionate	557-28-8							
Antioxidants	Ascorbic acid	50-81-7				300	2109		Vitamin C
Antioxidants	Ascorbyl palmitate	137-66-6				304			
Antioxidants	Astaxanthin	472-61-7				161j			
Antioxidants	Butylated hydroxyanisole	25013-16-5	Total content of antioxidants to be ≤ 0.02% fat content of feed			320	2183		



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Antioxidants	Butylated hydroxytoluene	128-37-0	Total content of antioxidants to be $\leq 0.02\%$ fat content of feed			321	2184		
Antioxidants	Calcium disodium EDTA	62-33-9				385			Edetate Calcium
Antioxidants	Capsanthin	465-42-9				160c			
Antioxidants	Citric acid	77-92-9				330	2306		
Antioxidants	Ethoxyquin	91-53-2	Maximum quantity used and to remain in feed to be $\leq 0.015\%$						
Antioxidants	Ethylene diamine tetra acetic acid [EDTA]	60-00-4							Edetic acid
Antioxidants	Ethyl o-aminobenzoate	87-25-2					2421		Ethyl anthranilate
Antioxidants	Gallic acid	149-91-7							3,4,5-Trihydroxybenzoic acid
Antioxidants	Lecithin	8002-43-5				322			
Antioxidants	Methyl sulfonyl methane [MSM]	67-71-0							
Antioxidants	Octyl gallate	1034-01-1				311			
Antioxidants	Propyl gallate	121-79-9	Total content of antioxidants to be $\leq 0.02\%$ fat content of feed			310	2947		
Antioxidants	Rosemary Oil extract (Tocopherol-rich)	Rosemary: 84604-14-8; Tocopherols: 1406-66-2				Tocopherols: 306	Rosemary: 3001		
Antioxidants	Rutin	153-18-4							



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Antioxidants	Sodium ascorbate	134-03-2				301			L-Ascorbic acid, monosodium salt
Antioxidants	Sodium citrate	68-04-2				331(iii)	3026		Trisodium citrate
Antioxidants	Sodium erythorbate	6381-77-7				316			Sodium isoascorbate
Antioxidants	Sodium Thiosulfate	7772-98-7							
Antioxidants	Tartaric acid	87-69-4				334			
Antioxidants	Tertiary butylhydroquinone (TBHQ)	1984-33-0				319			2-tert-Butylhydroquinone
Antioxidants	Tocopherols (extracts of natural origin)	1406-66-2				306			
Antioxidants	Vitis vinifera extract	84929-27-1							
Sweeteners	Aspartame	22839-47-0				951			
Sweeteners	Erythorbic acid	89-65-6					2410		Isoascorbic acid
Sweeteners	Ethyl maltol	4940-11-8				637	3487		
Sweeteners	Glucose	50-99-7	Includes dextrose and its hydrated and anhydrous forms						D-Glucose
Sweeteners	Magnesium glutamate	64407-99-4	Includes hydrated forms. Only added to the levels needed.			625			Magnesium L-glutamate
Sweeteners	Maltodextrin	9050-36-6							
Sweeteners	Mannitol	87-78-5				421			
Sweeteners	Neohesperidin dihydrochalcone	20702-77-6	When used at no more than 30ppm in finished feed			959	3811		
Sweeteners	Neotame	165450-17-9							



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Sweeteners	Saccharin	81-07-2				954			1,2-Benzisothiazol-3(2H)-one,1,1-dioxide
Sweeteners	Saccharin sodium	128-44-9				954	2997		
Sweeteners	Sodium cyclamate	139-05-9				952			
Sweeteners	Sorbitol	50-70-4				420	3029		
Sweeteners	Thaumatococin	53850-34-3				957	3732		
Acidity regulators	Acetic acid	64-19-7				260	2006		
Acidity regulators	Adipic acid	124-04-9				355	2011		1,4-Butanedicarboxylic acid, Hexanedioic acid
Acidity regulators	Ammonia, anhydrous	7664-41-7							
Acidity regulators	Ammonium chloride	12125-02-9				510			
Acidity regulators	Ammonium formate	540-69-2							
Acidity regulators	Ammonium hydroxide	1336-21-6							
Acidity regulators	Ammonium phosphate (mono basic)	7722-76-1							
Acidity regulators	Ammonium phosphate (dibasic)	7783-28-0							
Acidity regulators	Ascorbyl palmitate	137-66-6							6-O-Palmitoylascorbic acid
Acidity regulators	Calcium citrate	5785-44-4				333			
Acidity regulators	Calcium hydroxide	1305-62-0				526			
Acidity regulators	Calcium lactate	814-80-2				327			



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Acidity regulators	Calcium oxide	1305-78-8							Lime, Quicklime
Acidity regulators	Citric acid	77-92-9				330	2306		
Acidity regulators	Dicalcium phosphate	7757-93-9							Calcium phosphate (dibasic)
Acidity regulators	Glucono delta lactone	90-80-2							
Acidity regulators	Fumaric acid	110-17-8				297	2488		2-Butenedioic acid
Acidity regulators	Lactic acid	50-21-5				270	2611		
Acidity regulators	Magnesium carbonate	546-93-0	Includes hydrated forms. Only added to the levels needed.		77713	504			
Acidity regulators	Magnesium gluconate	3632-91-5	Includes hydrated forms. Only added to the levels needed.						
Acidity regulators	Magnesium hydroxide	1309-42-8	Includes hydrated forms. Only added to the levels needed.			528			
Acidity regulators	Magnesium trisilicate	14987-04-3	Includes hydrated forms. Only added to the levels needed.			553a			
Acidity regulators	Malic acid	6915-15-7				296	2655		
Acidity regulators	Phosphoric Acid	7664-38-2				338	2900		



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Acidity regulators	Potassium carbonate	584-08-7				501			
Acidity regulators	Potassium hydroxide	1310-58-3				525			Potash
Acidity regulators	Potassium lactate	996-31-6				326			
Acidity regulators	Potassium/sodium lactate mixture	996-31-6 / 72-17-3				326, 325			
Acidity regulators	Propionic acid	79-09-4				280	2924		
Acidity regulators	Sodium acid pyrophosphate	7758-16-9							Disodium pyrophosphate
Acidity regulators	Sodium bicarbonate	144-55-8				500(ii)			
Acidity regulators	Sodium bisulphate	7681-38-1							
Acidity regulators	Sodium carbonate	497-19-8				500(i)			
Acidity regulators	Sodium citrate	68-04-2				331(iii)	3026		Trisodium citrate
Acidity regulators	Sodium hydroxide	1310-73-2	≤ 0.5% of final feed			524			
Acidity regulators	Sodium tripolyphosphate	7758-29-4				451			Pentasodium tripolyphosphate
Acidity regulators	Succinic acid	110-15-6				363			Butanedioic acid
Acidity regulators	Sulphuric acid	7664-93-9				513			
Acidity regulators	Tartaric acid	87-69-4				334			



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Acidity regulators	Tetra potassium pyrophosphate	7320-34-5							
Acidity regulators	Tetra sodium pyrophosphate	7722-88-5							
Acidity regulators	Tricalcium phosphate	7758-87-4				333(iii)	3081		
Emulsifiers, stabilisers, thickeners and gelling agents	Acacia (Gum Arabic)	9000-01-5				414	2001		
Emulsifiers, stabilisers, thickeners and gelling agents	Acrylamide/Sodium acrylate copolymer	9003-05-8							
Emulsifiers, stabilisers, thickeners and gelling agents	beta-1,3-Gucan	9051-97-2							
Emulsifiers, stabilisers, thickeners and gelling agents	Bromelain	9001-00-7						3.4.22.3 2, 3.4.22.3 3	
Emulsifiers, stabilisers, thickeners and gelling agents	Calcium lignosulfonate	8061-52-7							
Emulsifiers, stabilisers, thickeners and gelling agents	Calcium stearate	1592-23-0				572			



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Emulsifiers, stabilisers, thickeners and gelling agents	Carrageenan	9000-07-1				407	2596		
Emulsifiers, stabilisers, thickeners and gelling agents	Cellulose	9004-34-6				460			
Emulsifiers, stabilisers, thickeners and gelling agents	Choline chloride	67-48-1							
Emulsifiers, stabilisers, thickeners and gelling agents	Dimethylpolysiloxane	9016-00-6				900			
Emulsifiers, stabilisers, thickeners and gelling agents	Food Starch and Food Starch (modified)	9005-25-8	Use at a level not in excess of the amount reasonably required to accomplish the intended effect.			1401, 1402			
Emulsifiers, stabilisers, thickeners and gelling agents	Fulvic acid	479-66-3							



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Emulsifiers, stabilisers, thickeners and gelling agents	Gelatine	9000-70-8	From porcine origin only						
Emulsifiers, stabilisers, thickeners and gelling agents	Glycerol monostearate	31566-31-1							
Emulsifiers, stabilisers, thickeners and gelling agents	Glyceryl polyethyleneglycol ricinoleate	61791-12-6				484		500- 151-7	Bredol 683, Brendol 696
Emulsifiers, stabilisers, thickeners and gelling agents	Guar gum	9000-30-0				412	2537		
Emulsifiers, stabilisers, thickeners and gelling agents	Humic acid	1415-93-6							
Emulsifiers, stabilisers, thickeners and gelling agents	Hydrogenated castor oil [Ricinus communis L., seed oil]	8001-78-3	Only added to the levels needed for good manufacturing or feeding practice						
Emulsifiers, stabilisers, thickeners and gelling agents	Hydroxyethyl cellulose	9004-62-0							



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Emulsifiers, stabilisers, thickeners and gelling agents	Hydroxypropyl cellulose	9004-64-2				463			
Emulsifiers, stabilisers, thickeners and gelling agents	i-carrageenan	9062-07-1				407			
Emulsifiers, stabilisers, thickeners and gelling agents	k-carrageenan	11114-20-8				407			
Emulsifiers, stabilisers, thickeners and gelling agents	l-carrageenan	9064-57-7				407			
Emulsifiers, stabilisers, thickeners and gelling agents	Lecithin	8002-43-5				322			
Emulsifiers, stabilisers, thickeners and gelling agents	Locust bean gum	9000-40-2				410	2648		
Emulsifiers, stabilisers, thickeners and gelling agents	Macrogol esters (polyethylene esters)	9000-99-3							



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Emulsifiers, stabilisers, thickeners and gelling agents	Magnesium stearate	557-04-0	Includes hydrated forms. Only added to the levels needed.			572			
Emulsifiers, stabilisers, thickeners and gelling agents	Nonyl Phenol Ethoxylate	9016-45-9, 25154-52-3							
Emulsifiers, stabilisers, thickeners and gelling agents	Papain	9001-73-4						3.4.22.2	
Emulsifiers, stabilisers, thickeners and gelling agents	Polyethyleneglycol-30 polyhydroxystearate	70142-34-6							
Emulsifiers, stabilisers, thickeners and gelling agents	Polyoxyethylene (20) sorbitan monolaurate	9005-64-5				432	2915		Polysorbate 20
Emulsifiers, stabilisers, thickeners and gelling agents	Polyoxyethylene (20) sorbitan monooleate	9005-65-6				433	2917		Polysorbate 80
Emulsifiers, stabilisers, thickeners and gelling agents	Polyoxyethylene (35) Castor Oil	61791-12-6							Cremphor EL



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Emulsifiers, stabilisers, thickeners and gelling agents	Polyoxyethylene sorbitan monopalmitate	9005-66-7				434			Polysorbate 40
Emulsifiers, stabilisers, thickeners and gelling agents	Polyoxyethylene sorbitan monostearate	9005-67-8				435	2916		Polysorbate 60
Emulsifiers, stabilisers, thickeners and gelling agents	Polyvinylpyrrolidone	9003-39-8				1201			Povidone, Crospovidone
Emulsifiers, stabilisers, thickeners and gelling agents	Potassium carbonate	584-08-7				501			
Emulsifiers, stabilisers, thickeners and gelling agents	Potassium chloride	7447-40-7				508			
Emulsifiers, stabilisers, thickeners and gelling agents	Monopotassium phosphate	7778-77-0				340(I)			
Emulsifiers, stabilisers, thickeners and gelling agents	Propylene carbonate	108-32-7							



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Emulsifiers, stabilisers, thickeners and gelling agents	Sorbitan fatty acid esters (fatty acids limited to C12, C14, C16 and C18 containing minor amounts of associated fatty acids) and poly(oxyethylene) derivatives of sorbitan fatty acid esters								
Emulsifiers, stabilisers, thickeners and gelling agents	Sodium acid pyrophosphate	7758-16-9							Disodium pyrophosphate
Emulsifiers, stabilisers, thickeners and gelling agents	Sodium alginate	9005-38-3				401	2014		
Emulsifiers, stabilisers, thickeners and gelling agents	Sodium alkyl benzene sulphonate	25155-30-0	Not to exceed 0.2% in solution						
Emulsifiers, stabilisers, thickeners and gelling agents	Sodium butyrate	156-54-7				470			
Emulsifiers, stabilisers, thickeners and gelling agents	Sodium carboxy methylcellulose	9004-32-4				466			



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Emulsifiers, stabilisers, thickeners and gelling agents	Sodium citrate	68-04-2				331(iii)	3026		Trisodium citrate
Emulsifiers, stabilisers, thickeners and gelling agents	Sodium hexametaphosphate	10124-56-8					3027		Sodium polymetaphosphate
Emulsifiers, stabilisers, thickeners and gelling agents	Sodium lauryl sulphate	151-21-3							
Emulsifiers, stabilisers, thickeners and gelling agents	Sodium lignosulphonate	8061-51-6							
Emulsifiers, stabilisers, thickeners and gelling agents	Sodium stearyl fumarate	4070-80-8							
Emulsifiers, stabilisers, thickeners and gelling agents	Sodium trimetaphosphate	7785-84-4	< 0.4% of final feed						
Emulsifiers, stabilisers, thickeners and gelling agents	Sorbitan monooleate	1338-43-8				494			Sorbitan, mono-(9Z)-9- octadecenoate



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Emulsifiers, stabilisers, thickeners and gelling agents	Sorbitan monostearate	1338-41-6				495	3028		
Emulsifiers, stabilisers, thickeners and gelling agents	Sorbitol	50-70-4				420	3029		
Emulsifiers, stabilisers, thickeners and gelling agents	Tetra potassium pyrophosphate	7320-34-5							
Emulsifiers, stabilisers, thickeners and gelling agents	Tetra sodium pyrophosphate	7722-88-5							
Emulsifiers, stabilisers, thickeners and gelling agents	Sodium phosphates (mono-, di-, and tri-)	7758-80-7, 7758-79-4, 7601-54-9				339			Phosphoric acid (trisodium salt)
Emulsifiers, stabilisers, thickeners and gelling agents	Xanthan Gum	11138-66-2				415			
Emulsifiers, stabilisers, thickeners and gelling agents	Sodium stearoyl lactylate	25383-99-7							



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Anticaking agents	Bentonite	1302-78-9				558			
Anticaking agents	Calcium carbonate	471-34-1				170			
Anticaking agents	Calcium silicate	1344-95-2				552			
Anticaking agents	Calcium stearate	1592-23-0				572			
Anticaking agents	Cellulose	9004-34-6				460			
Anticaking agents	Dolomite	16389-88-1							
Anticaking agents	Kaolin	1332-58-7				559			Aluminium Silicate
Anticaking agents	Magnesium aluminium silicate	1327-43-1	Includes hydrated forms. Only added to the levels needed.						
Anticaking agents	Magnesium carbonate	546-93-0	Includes hydrated forms. Only added to the levels needed.		77713	504			
Anticaking agents	Magnesium hydroxide	1309-42-8	Includes hydrated forms. Only added to the levels needed.			528			
Anticaking agents	Magnesium oxide	1309-48-4	Includes hydrated forms. Only added to the levels needed.			530			
Anticaking agents	Magnesium phosphate	10043-83-1	Includes hydrated forms. Only added			343			



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
			to the levels needed.						
Anticaking agents	Magnesium silicate	1343-88-0	Includes hydrated forms. Only added to the levels needed.			553a (i)			
Anticaking agents	Magnesium silicate, Talc	14807-96-6	Food or pharmaceutical grade only						
Anticaking agents	Magnesium stearate	557-04-0	Includes hydrated forms. Only added to the levels needed.			572			
Anticaking agents	Montmorillonite	1318-93-0	Not to exceed 2% of finished product						
Anticaking agents	Octacosanol	557-61-9	For anticaking purposes only						
Anticaking agents	Silica (silicon dioxide)	7631-86-9			7811	551			
Anticaking agents	Sodium aluminosilicate	1344-00-9	< 2% of final feed			554			
Anticaking agents	Sodium bicarbonate	144-55-8				500(ii)			
Anticaking agents	Sodium carbonate	497-19-8				500(i)			
Anticaking agents	Sodium sulphate	7757-82-6				514(ii)			
Anticaking agents	Tetra sodium pyrophosphate	7722-88-5							
Anticaking agents	Tricalcium phosphate	7758-87-4				333(iii)	3081		



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Anticaking agents	Vermiculite	1318-00-9							
Humectants	Ethylhexyl stearate	22047-49-0							Octadecanoic acid, 2-ethylhexyl ester
Humectants	Glycerine	56-81-5				422	2525		Glycerol
Humectants	Glycerol triacetate	102-76-1				1518	2007		1,2,3-Triacetoxyp propane
Humectants	Lignosulphonates	8062-15-5							
Humectants	Maltol	118-71-8	Use at a level not in excess of the amount reasonably required to accomplish the intended effect			636	2656		
Humectants	Mannitol	87-78-5				421			
Humectants	Polyethyleneglycol-30 polyhydroxystearate	70142-34-6							
Humectants	Polyethylene oxide, polypropylene glycol block copolymer	9003-11-6							
Humectants	Polyoxethylene nonyl phenyl ester	9016-45-9	Only to be used as a wetting agent. Not more than 0.5% of formulated product.						
Humectants	Potassium lactate	996-31-6				326			
Humectants	Potassium/sodium lactate mixture	996-31-6 / 72-17-3				326, 325			
Humectants	Propylene glycol	57-55-6				1520	2940		



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Humectants	Sodium trimetaphosphate	7785-84-4	< 0.4% of final feed						
Humectants	Sorbitol	50-70-4				420	3029		
Firming Agents	Calcium chloride	10035-04-8				509			
Firming Agents	Calcium hydroxide	1305-62-0				526			
Firming Agents	Calcium sulphate	7778-18-9							
Firming Agents	Konjac gum	9000-36-6				425(i)	2605		
Firming Agents	Magnesium chloride	7791-18-6	Includes hydrated forms. Only added to the levels needed.			511			
Firming Agents	Magnesium gluconate	3632-91-5	Includes hydrated forms. Only added to the levels needed.						
Firming Agents	Magnesium sulphate	7487-88-9	Includes hydrated forms. Only added to the levels needed.						
Flavour agents	1-Butanol	71-36-3					2178		Butanol
Flavour agents	1-Butanethiol	109-79-5	Not to exceed 1mg/kg in final feed				3478		n-Butyl mercaptan
Flavour agents	1,2-Cyclopentanedione, 3,5-dimethyl-	13494-07-0	Not to exceed 15mg/kg in final feed				3269		3,5-Dimethylcyclopentane-1,2-dione
Flavour agents	1,2-Di((1-ethoxy)ethoxy)propane	67715-79-1					3534		Aldemax



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Flavour agents	2-Acetylpyridine	1122-62-9					3251		2-Acetopyridine, 1-(2-pyridinyl)-ethanone, methyl 2-pyridyl ketone,
Flavour agents	2-Acetylthiazole	24295-03-2					3328		1-(Thiazol-2-yl)ethan-1-one, Methyl 2-thiazolyl ketone, Methyl 5-thiazolyl ketone, Ethanone, 1-(2-thiazolyl)-
Flavour agents	(2E,4E)-2,4-Decadienal	25152-84-5	Not to exceed 10mg/kg in final feed				3135		
Flavour agents	2,2'-(Dithiodimethylene)difuran	4437-20-1	Not to exceed 10mg/kg in final feed				3146		Difurfuryl disulphide
Flavour agents	(2E,4E)-2,4-Nonadienal	6750-03-4	Not to exceed 0.1mg/kg in final feed				3212		
Flavour agents	2-Ethyl-3-methylpyrazine	15707-23-0					3155		
Flavour agents	2-Ethyl-3,(5 or 6)-dimethylpyrazine	13925-07-0 / 13360-65-1					3149		
Flavour agents	2-Hexenal	505-57-7					2560		Leaf aldehyde
Flavour agents	2-Isopropyl-4,6-dimethyl; 4-Isopropyl-2,6-dimethyldihydro-1,3,5-dithiazine(mixture)	104691-40-9	Not to exceed 10mg/kg in final feed				3782		
Flavour agents	2-methyl-2-(methyldithio)propanal	67952-60-7	Not to exceed 10mg/kg in final feed				3866		



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	2-Methyltetrahydrofuran-3-one	3188-00-9					3373		
Flavour agents	2-Methyltetrahydrothiophene-3-one	13679-85-1	Not to exceed 10mg/kg in final feed				3512		
Flavour agents	2-Methyl-4-propyl-1,3-oxathiane	67715-80-4	Not to exceed 0.1mg/kg in final feed				3578		
Flavour agents	2-Octenal	2363-89-5	Not to exceed 10mg/kg in final feed				3215		
Flavour agents	2-Pentylthiophene	4861-58-9	Not to exceed 0.1mg/kg in final feed						
Flavour agents	2,3-Pentadione	600-14-6					2841		Acetylpropionyl
Flavour agents	2,4-Undecadienal	30361-29-6					3422		2,4-trans,trans-Undecadienal, (2E,4E)-2,4-Undecadienal
Flavour agents	2,6-Dimethoxyphenol	91-10-1					3137		Pyrogallol 1,3-dimethyl ether, 2-Hydroxy-1,3-dimethoxybenzene, syringol
Flavour agents	3-Ethyl-2-hydroxycyclopenten-1-one	21835-01-8					3152		
Flavour agents	2-Heptanone	110-43-0					2544		Methyl amyl ketone
Flavour agents	2-Methyl-3-furanthiol	28588-74-1	Not to exceed 15mg/kg in final feed				3188		



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	2-Thenyl mercaptan	6258-63-5	Not to exceed 10mg/kg in final feed				3258		2-mercaptothiophene
Flavour agents	2-Undecanone	112-12-9	Not to exceed 10mg/kg in final feed				3093		Methyl nonyl ketone
Flavour agents	3-Hexenol	928-96-1					2563		
Flavour agents	3-Hexenylacetate	3681-71-8					3171		
Flavour agents	3-Tetrahydrothiophenone	1003-04-9	Not to exceed 15mg/kg in final feed				3266		
Flavour agents	3-Mercapto-2-butanone	40789-98-8	Not to exceed 10mg/kg in final feed				3298		
Flavour agents	3-Methyl-3-phenyl glycidic acid, ethyl ester	77-83-8					2444		Methyl hexenyl ketone, 2-Methylheptenone, 2- Methyl-2-hepten-6-one
Flavour agents	3-Propylidene Phthalide	17369-59-4					2952		
Flavour agents	3,4-Dihydrocoumarin	119-84-6	Not to exceed 10mg/kg in final feed. For use in cattle only				2381		
Flavour agents	3,5-Dimethyl-1,2,4- trithiolane	23654-92-4	Not to exceed 10mg/kg in final feed				3541		
Flavour agents	4-Hydroxy-5-methyl- 3(2H)-furanone	19322-27-1	Not to exceed 0.1mg/kg in final feed				3635		
Flavour agents	4-Methylbenzaldehyde	104-87-0					3068		para-Tolualdehyde



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	4-Methyl-5-vinylthiazole	1759-28-0	Not to exceed 15mg/kg in final feed				3313		
Flavour agents	4-(4-Methoxyphenyl)-2-butanone	104-20-1					2672		Raspberry ketone methyl ether, Anisylacetone
Flavour agents	4-(p-Hydroxyphenyl)-2-butanone	5471-51-2	Not to exceed 10mg/kg in final feed				2588		Raspberry ketone
Flavour agents	4-Vinylguaiacol	7786-61-0	Not to exceed 10mg/kg in final feed				2675		2-methoxy-4-vinylphenol
Flavour agents	5-Ethyl-3-hydroxy-4-methyl-2(5H)-furanone	698-10-2	Not to exceed 15mg/kg in final feed				3153		
Flavour agents	5,6-Dihydro-6-pentyl-2H-pyran-2-one	54184-64-1					3744		Massoia lactone
Flavour agents	6-Methyl-5-hepten-2-one	110-93-0					2707		
Flavour agents	Acetal	105-57-7					2002		1,1-Diethoxyethane
Flavour agents	Acetaldehyde	75-07-0					2003		
Flavour agents	Acetoin	513-86-0					2008		3-Hydroxy-2-butanone, Dimethylketol, Acetyl methyl carbinol
Flavour agents	Acetophenone	98-86-2					2009		Acetylbenzene, Methyl phenyl ketone, Phenyl methyl ketone
Flavour agents	Aldehyde C-18	104-61-0					2781		Nona-1,4-lactone
Flavour agents	Allyl hexanoate	123-68-2					2032		Allyl caproate
Flavour agents	Aloe Vera	8001-97-6					2047		
Flavour agents	alpha-Ionone	127-41-3					2594		



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	alpha-Pinene	80-56-8	When used at no more than 2% by weight of pesticide formulations.				2902		
Flavour agents	Amyl acetate	628-63-7							pentyl acetate
Flavour agents	Anethole	4180-23-8					2086		
Flavour agents	Angelica root oil	8015-64-3					2088, 2090, 2091		Angelica archangelica root oil
Flavour agents	Angelica Root (<i>Angelica archangelica</i>)	84775-41-7 (Extract; tincture;water)	Not to exceed 1.5g/tonne in finished feed				2087		
Flavour agents	Aniseed oil	8007-70-3					2095, 2096		Anise oil
Flavour agents	Anisole	100-66-3					2097		
Flavour agents	Balsam peru	8007-00-9					2114, 2115, 2116, 2117		Peurivan balsam
Flavour agents	Beechwood creosote	8021-39-4	Not to exceed 0.02% in final feed. For dogs only						
Flavour agents	Benzaldehyde	100-52-7					2127		
Flavour agents	Benzenethiol	108-98-5	Not to exceed 1mg/kg in final feed				3616		Thiophenol
Flavour agents	Benzoin resinoid	9000-05-9	From the following source: <i>Styrax</i> sp.				2133		Gum Benzoin
Flavour agents	Benzyl acetate	140-11-4					2135		
Flavour agents	Benzyl alcohol	100-51-6					2137		



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	Benzyl isovalerate	103-38-8					2152		
Flavour agents	Benzyl propionate	122-63-4	Not to exceed 10mg/kg in final feed				2150		Propanoic acid, phenylmethyl ester
Flavour agents	beta-Damascenone	23696-85-7	Not to exceed 10mg/kg in final feed				3420		
Flavour agents	Birch oil	8001-88-5							
Flavour agents	bis(2-Methyl-3-furyl) disulfide	28588-75-2	Not to exceed 0.1mg/kg in final feed				3259		
Flavour agents	Bitter orange flower extract	8028-48-6					2824, 2825		Citrus aurantium flower extract
Flavour agents	Butyl butyryllactate	7492-70-8					2190		Butyl butyrolactate, Butyl 2- butyryloxypropanoate
Flavour agents	Butyl butyrate	109-21-7					2186		
Flavour agents	Butylidenephthalide	551-08-6					3333		
Flavour agents	Butyric acid	107-92-6					2221		
Flavour agents	Capric [decanoic] acid	334-48-5					2364		Decanoic acid
Flavour agents	Caproic acid	142-62-1					2559		Hexanoic acid
Flavour agents	Caprylic acid	124-07-2					2799		Octanoic acid
Flavour agents	Capsicum Oleoresin	8023-77-6					2234		Capsicin
Flavour agents	Caraway								
Flavour agents	Carob bean extract	84961-45-5					2243		
Flavour agents	Carvacrol	499-75-2					2245		2-Methyl-5-(1- methylethyl)phenol
Flavour agents	Cassia	977000-66-0							



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	Cassia gum	5373-11-5							
Flavour agents	Cassia oil	8007-80-5					2258; 2292		
Flavour agents	Cayenne pepper								
Flavour agents	Chamomile oil	8002-66-2					2275		
Flavour agents	CharSol C 10	87139-45-5							
Flavour agents	Chicory root	68650-43-1					2280		Chicorium intybus
Flavour agents	China Star Aniseed	977052-16-6					2095		
Flavour agents	Cinnamic alcohol	104-54-1					2294		Cinnamyl alcohol
Flavour agents	Cinnamic aldehyde	104-55-2					2286		Cinnamaldehyde
Flavour agents	Cinnamon								
Flavour agents	Citric acid	77-92-9				330	2306		
Flavour agents	Citral	5392-40-5					2303		3,7-Dimethyl-trans-2,6-octadienal
Flavour agents	Citronellol	106-22-9					2309		3,7-Dimethyl-6-octen-1-ol
Flavour agents	Citrus pulp extract	68916-04-1					2823		
Flavour agents	Clove oil	8000-34-8					2325		
Flavour agents	Coriander oil	8008-52-4					2334		
Flavour agents	Corn mint oil	68917-18-0					4219		Mentha arvensis oil
Flavour agents	Creosol	93-51-6	Not to exceed 5mg/kg in final feed				2671		4-methylguaiaicol
Flavour agents	Cresol-para	106-44-5	Not to exceed 5mg/kg in final feed				2337		
Flavour agents	Cyclohexyl acetate	622-45-7					2349		
Flavour agents	(d)-Limonene	5989-27-5					2633		



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	d-Carvone	2244-16-8	Not to exceed 0.45 g/tonne in finished feed				2244		
Flavour agents	Dandelion								
Flavour agents	Davana Oil	8016-03-3					2359		
Flavour agents	delta-Decalactone	705-86-2					2361		DECA-1,5-LACTONE, Decan-5-olide, 6-PENTYLTETRAHYDR O-2-PYRONE
Flavour agents	delta-Dodecalactone	713-95-1					2401		Dodeca-1,5-Lactone
Flavour agents	delta-Undecalactone	710-04-3					3294		5-Undecanolide, 6-Hexyltetrahydro-2H-pyran-2-one
Flavour agents	Diacetyl	431-03-8					2370		
Flavour agents	Diethyl malate	7554-12-3	Not to exceed 15mg/kg in final feed				2374		Diethyl hydroxybutanedioate
Flavour agents	Diethyl malonate	105-53-3					2375		Diethyl propanedioate, Ethyl malonate
Flavour agents	Dimethyl isobutyl dihydro-1,3,5-dithiazine	101517-87-7	Not to exceed 10mg/kg in final feed				3781		
Flavour agents	Dimethyl sulfide	75-18-3					2746		Methyl sulfide, 2-Thiapropane, Thiobismethane
Flavour agents	Disodium 5 ribonucleotides					635			
Flavour agents	Disodium guanylate	5550-12-9				627	3668		5-Guanylic acid (disodium salt)
Flavour agents	Disodium Inosinate	4691-65-0				631	3669		5'-Inosinic acid (disodium salt)



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	Disodium Succinate	150-90-3					3277		Succinic Acid (disodium salt), Disodium butanedioate
Flavour agents	Ethyl acetate	141-78-6					2414		
Flavour agents	Ethylamine	75-04-7					4236		
Flavour agents	Ethyl butyrate	105-54-4					2427		
Flavour agents	Ethyl formate	109-94-4					2434		
Flavour agents	Ethyl heptanoate	106-30-9					2437		Ethyl oenanthate
Flavour agents	Ethyl hexanoate	123-66-0					2439		Hexanoic acid ethyl ester
Flavour agents	Ethyl isovalerate	108-64-5					2463		
Flavour agents	Ethyl lactate	97-64-3					2440		
Flavour agents	Ethyl levulinate	539-88-8	Not to exceed 10mg/kg in final feed				2442		Ethyl ketovalerate
Flavour agents	Ethyl maltol	4940-11-8				637	3487		
Flavour agents	Ethyl-2-methylbutyrate	7452-79-1	Not to exceed 10mg/kg in final feed				2443		
Flavour agents	Ethyl methylphenylglycidate	77-83-8					2444		
Flavour agents	Ethyl octanoate	106-32-1	Not to exceed 10mg/kg in final feed				2449		Ethyl caprylate
Flavour agents	Ethyl oleate	111-62-6					2450		
Flavour agents	Ethyl phenylacetate	101-97-3					2452		Benzeneacetic acid ethyl ester
Flavour agents	Ethyl propionate	105-37-3					2456		
Flavour agents	Ethyl pyruvate	617-35-6					2457		



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	Ethyl salicylate	118-61-6	Not to exceed 10mg/kg in final feed				2458		
Flavour agents	Ethyl sorbate	2396-84-1					2459		
Flavour agents	Ethyl tetradecanoate	124-06-1	Not to exceed 10mg/kg in final feed				2445		Ethyl myristate
Flavour agents	Ethyl vanillin	121-32-4					2464		3-Ethoxy-4- hydroxybenzaldehyde
Flavour agents	Eucalyptol	470-82-6					2465		Cineole, cajeputol
Flavour agents	Eugenol	97-53-0					2467		
Flavour agents	Fenchyl alcohol	2632-73-1					2480		Fenchol
Flavour agents	Fennel	8006-84-6					2483		
Flavour agents	Furfural	98-01-1	Not to exceed 10mg/kg in final feed				2489		2-Furaldehyde
Flavour agents	Furfuryl mercaptan	98-02-2	Not to exceed 0.1mg/kg in final feed				2493		Furfuryl thiol
Flavour agents	Gamma decalactone	706-14-9	Not to exceed 10mg/kg in final feed				2360		Decan-4-olide
Flavour agents	Gamma heptalactone	105-21-5					2539		Dihydro-5-propyl- 2(3H)-furanone
Flavour agents	Gamma nonalactone	104-61-0					2781		Dihydro-5-pentyl- 2(3H)-furanone
Flavour agents	Gamma octalactone	104-50-7					2796		5-Butyldihydro-2(3H)- furanone
Flavour agents	Gamma undecalactone	104-67-6					3091		5-Heptyldihydro-2(3H)- furanone



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	Gentian Root (<i>Gentiana lutea</i>)	72968-42-4 (Root Extract)	Not to exceed 1.5g/tonne in finished feed				2506 (Root Extract)		
Flavour agents	Garlic	8000-78-0					2503		Allium sativum
Flavour agents	Geraniol	106-24-1					2507		
Flavour agents	Geranium oil	8000-46-2					2508		
Flavour agents	Geranyl acetate	105-87-3					2509		
Flavour agents	Geranyl butyrate	106-29-6					2512		
Flavour agents	Geranyl propionate	105-90-8	Not to exceed 10mg/kg in final feed				2517		
Flavour agents	Ginger	8007-08-7					2522		Zingiber officinale
Flavour agents	Glutamic acid	56-86-0				620	3285		
Flavour agents	Guaiacol	90-05-1					2532		o-methoxyphenol, pyroguaiac acid, pyrocatechol monomethyl ether
Flavour agents	Hexyl acetate	142-92-7					2565		Acetic acid hexyl ester
Flavour agents	Hydrogen sulphide	7783-06-4	Not to exceed 20mg/kg in final feed				3779		
Flavour agents	Isoamyl Acetate	123-92-2					2055		3-Methyl-1-butanol acetate
Flavour agents	Isoamyl alcohol	123-51-3					2057		isopentyl alcohol
Flavour agents	Isoamyl butyrate	106-27-4					2060		3-methyl butyl butanoate
Flavour agents	Isoamyl Isovalerate	659-70-1	Not to exceed 1mg/kg in final feed				2085		



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	Isoamyl propionate	105-68-0					2082		
Flavour agents	Isobutyl acetate	110-19-0	Not to exceed 10mg/kg in final feed				2175		Acetic acid, 2- methylpropyl ester
Flavour agents	Isobutyl alcohol	78-83-1					2179		1-Propanol, 2-methyl-
Flavour agents	Isobutyric acid	79-31-2	Not to exceed 10mg/kg in final feed				2222		2-Methylpropanoic acid
Flavour agents	Iso-eugenol	97-54-1					2468		2-Methoxy-4-(1- propenyl)phenol
Flavour agents	Isovaleric acid	503-74-2					3102		3-methylbutyric acid
Flavour agents	Lauric acid	143-07-7					2614		Dodecanoic acid
Flavour agents	Lemon grass								
Flavour agents	Lemon oil	8008-56-8					2853		
Flavour agents	Levulinic acid	123-76-2	Not to exceed 10mg/kg in final feed				2627		
Flavour agents	Licorice (Glycyrrhiza)		Includes all licorice derivatives. Not more than 0.1% in final feed.						
Flavour agents	Lime oil	8008-26-2					2631		
Flavour agents	Limonene	138-86-3							1-Methyl-4-(1- methylethenyl)cyclohe xene
Flavour agents	Linalool	78-70-6					2635		3,7-Dimethyl-1,6- octadien-3-ol
Flavour agents	Lovage oil	8016-31-7					2651		Levisiticum officinale oil
Flavour agents	Macleaya cordata								



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	Magnesium glutamate	64407-99-4	Includes hydrated forms. Only added to the levels needed.			625			
Flavour agents	Maltol	118-71-8				636	2656		
Flavour agents	Menthol	89-78-1	Not for use in cats				2665		
Flavour agents	Menthone	89-80-5					2667		
Flavour agents	Methional	3268-49-3	Not to exceed 0.1mg/kg in final feed				2747		3-(Methylthio)propanal
Flavour agents	Methyl acetate	79-20-9					2676		Acetic acid, methyl ester
Flavour agents	Methyl anthranilate	134-20-3					2682		Methyl 2-aminobenzoate
Flavour agents	Methyl cinnamate	103-26-4					2698		
Flavour agents	Methyl coumarin	92-48-8					2699		6-methylcoumarin
Flavour agents	Methyl cyclopentenolone	765-70-8					2700		3-Methyl-1,2-cyclopentanedione
Flavour agents	Methyl furfuryl disulphide	57500-00-2	Not to exceed 5mg/kg in final feed				3362		2-((Methyldithio)methyl)furan
Flavour agents	Methyl salicylate	119-36-8					2745		Methyl 2-hydroxybenzoate
Flavour agents	Methyl thiobutyrate	2432-51-1	Not to exceed 0.1mg/kg in final feed				3310		
Flavour agents	Myrica nagi [bayberry]	8006-78-8							
Flavour agents	Myristic acid	544-68-8					2764		Tetradecanoic acid



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	Neryl butyrate	999-40-6					2774		Butanoic acid, (2Z)-3,7-dimethyl-2,6-octadien-1-yl ester
Flavour agents	N-ethyl-5-methyl-(1-methylethyl)-cyclohexanecarboxamide	39711-79-0	Not to exceed 10mg/kg in final feed				3455		Ethyl menthane carboxamide
Flavour agents	Oak chip extract	97676-29-4					2794		Quercus alba
Flavour agents	Octyl acetate	112-14-1					2806		
Flavour agents	Oleic acid	112-80-1	Not to exceed 10mg/kg in final feed				2815		
Flavour agents	Onion oil	8002-72-0					2817		
Flavour agents	Orange oil	8008-57-9					2822		
Flavour agents	Orange terpenes	68647-72-3							Terpenes and Terpenoids, sweet orange-oil
Flavour agents	Oregano								
Flavour agents	Origanum majorana oleoresin	804082-58-6					2659		Majoram oleoresin
Flavour agents	Pentalide	106-02-5					2840		pentadecalactone, oxycyclohexadecan-2-one
Flavour agents	Peppermint oil	8006-90-4	Not for use in cats				2848		Mentha piperita oil
Flavour agents	Phenethyl acetate	103-45-7					2857		2-phenylethyl acetate
Flavour agents	Phenylacetic acid	103-82-2					2878		
Flavour agents	Phenylethyl alcohol	60-12-8					2858		Benzeneethanol
Flavour agents	Pimento leaf oil	8006-77-7					2901		Pimenta
Flavour agents	Piperonal	120-57-0					2911		Heliotropin



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	Plum extract	90082-87-4							
Flavour agents	Propyl benzoate	2315-68-6					2931		Benzoic acid propyl ester
Flavour agents	Pyroligneous acid (wood vinegar)	8030-97-5					2967		
Flavour agents	Quercus extract (<i>Quercus robur</i>)	71011-28-4 (extract)	Not more than 1 g/tonne in finished feed						
Flavour agents	Red algae		From the following sources: porphyra spp.						
Flavour agents	Rennet	9042-08-4							
Flavour agents	Rosemary	8000-25-7					2992		
Flavour agents	Rum ether	8030-89-5					2996		
Flavour agents	Sage oil	8022-56-8					3001, 3002		
Flavour agents	Sodium caseinate	9005-46-3							
Flavour agents	Sodium chloride	7647-14-5							
Flavour agents	Sulfurol	137-00-8					3204		Thiamine thiazole, 4-Methyl-5-thiazoleethanol, sulfurol
Flavour agents	Tangerine oil	8008-31-9					3041		
Flavour agents	Tannic acid	72401-53-7	Not to exceed 15 Mg/kg in final feed						
Flavour agents	Tetradecanal	124-25-4					2763		
Flavour agents	Tetrahydro-2-methyl-3-furanthiol	57124-87-5	Not to exceed 10mg/kg in final feed				3787		2-Methyl-3-tetrahydrofuranthiol



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	Thaumatococin	53850-34-3					3732		
Flavour agents	Thioguaiacol	1073-29-6					3210		2-(Methylthio)phenol
Flavour agents	Thyme oil	8007-46-3					3064, 3065		
Flavour agents	Thymol	89-83-8	When added at levels consistent with good feeding practice				3066		
Flavour agents	Tormentil (<i>Potentilla erecta</i>)	85085-66-1 (<i>Potentilla tormentilla</i> , extract) 90083-09-3 (Extract of tormentil, <i>Potentilla erecta</i> , extract)	Final Feed concentration: Not more than 13.5 g/tonne in finished feed, 22.5 g/tonne in milk replacer.						
Flavour agents	Triethyl citrate	77-93-0				1505	3083		Citric acid, triethyl ester
Flavour agents	Trimethylpyrazine	14667-55-1					3244		
Flavour agents	Tumeric oleoresin	8024-37-1					3087		
Flavour agents	Undecylenic alcohol	112-43-6							10-Undecen-1-ol
Flavour agents	Valeric acid	109-52-4					3101		n-Pentanoic acid
Flavour agents	Vanilla extract	8024-06-4					3105		Protovanol
Flavour agents	Vanillin	121-33-5					3107		4-Hydroxy-3-methoxybenzaldehyde
Flavour agents	Laevo borneol	464-45-9					2157		
Flavour agents	Propenyl guaethol	94-86-0					2922		
Flavour agents	Ethyl benzoate	93-89-0					2422		



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Flavour agents	Indole	120-72-9					2593		
Flavour agents	Methyl heptine carbonate	111-12-6					2729		
Flavour agents	Tetra methyl Pyrazine	1124-11-4					3237		
Flavour agents	4-methyl-5-thiazole ethanol	137-00-8					3204		
Flavour agents	n-butyl acetate	123-86-4					2174		
Flavour agents	Nonanal	124-19-6					2782		
Flavour agents	Decanal	112-31-2					2362		
Flavour agents	Camphene	79-92-5					2229		
Flavour agents	Ethyl Benzoate	93-89-0					2422		
Flavour agents	Ethyl Oxyhydrate (Rum Ether)	8030-89-5					2996		Rum ether
Flavour agents	2-methyl-3-methylsulfanylpurazine	67952-65-2					3208		
Flavour agents	Ammonium sulfide	12135-76-1					2053		
Flavour agents	Furaneyl butyrate	114099-96-6					3970		
Flavour agents	Hexanal	66-25-1					2557		
Flavour agents	Green tea extract	84650-60-2	Only for use in non-food producing animals						
Flavour agents	Spearmint extract	84696-51-5	Only for use in non-food producing animals				3030:30 31		Mentha Spicata L.
Flavour agents	3-hydroxy-4,5-dimethyl-5H-furan-2-one	28664-35-9					3634		Caramel furanone
Miscellaneous	Almond shell meal								
Miscellaneous	Aluminium hydroxide	21645-51-2							



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Miscellaneous	Ammonium phosphate (mono basic)	7722-76-1							
Miscellaneous	Ammonium phosphate (dibasic)	7783-28-0							
Miscellaneous	Ammonium sulphate	7783-20-2				517			
Miscellaneous	Amyl butyrate	540-18-1					2059		Pentyl butanoate
Miscellaneous	Beeswax	8012-89-3				901	2126		
Miscellaneous	Betaine hydrochloride	590-46-5							
Miscellaneous	Calcium citrate	5785-44-4				333			
Miscellaneous	Calcium phosphate	7758-23-8				341i			
Miscellaneous	Calcium stearate; calcium octadecanoate	1592-23-0	Miscellaneous [Releasing agent]; Only added to the levels needed for good manufacturing practice						
Miscellaneous	Carnauba wax	8015-86-9				903			
Miscellaneous	Charcoal, activated	16291-96-6							
Miscellaneous	Chitosan	9012-76-4							Poligulsam
Miscellaneous	Chlorine dioxide	10049-04-4	For addition to drinking water only, at a final concentration of no greater than 2ppm			926			
Miscellaneous	Cobalt chloride	7646-79-9							
Miscellaneous	Copper sulphate	7758-98-7							



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Miscellaneous	Cordyceps sinensis (BERK) Sacc, Strain CS x 100								
Miscellaneous	Diatomaceous earth	7631-86-9							
Miscellaneous	Estragole	140-67-0					2411		1-Methoxy-4-(2-propenyl)benzene
Miscellaneous	Ethyl alcohol	64-17-5	Not more than 10% of the formulation			1510	2419		Ethanol
Miscellaneous	Ethyl cellulose	9004-57-3				462			
Miscellaneous	Ferric chloride	7705-08-0							
Miscellaneous	Formic acid	64-18-6				236	2487		
Miscellaneous	Gypsum	10101-41-4							
Miscellaneous	Hazelnut shell meal		Must be fit for purpose						
Miscellaneous	Holarrhena antidysenterica	90045-74-2							
Miscellaneous	Inulin	9005-80-5							
Miscellaneous	Iso-Damascone	39872-57-6							E)-1-(2,4,4-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one
Miscellaneous	Isopropyl alcohol	67-63-0					2929		
Miscellaneous	Lactoferrin	339615-76-8							
Miscellaneous	Magnesium sulphate	7487-88-9	Includes hydrated forms. Only added to the levels needed.						
Miscellaneous	Methyl alcohol	67-56-1							
Miscellaneous	Mineral oil		High viscosity						



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Miscellaneous	Mineral oil	8012-95-1	Medium and Low Viscosity. Not to exceed 0.06% of final feed.						White Oil
Miscellaneous	Monoisopropyl citrate	1321-57-9							
Miscellaneous	Monosodium glutamate	142-47-2				621	2756		
Miscellaneous	Mono and diglycerides of edible fatty acids esterified with citric acid & lactic acid								
Miscellaneous	Palm methyl ester	67762-38-3							
Miscellaneous	Polyethylene glycol	25322-68-3							
Miscellaneous	Polyvinyl alcohol	9002-89-5							PVA
Miscellaneous	Propylene glycol	57-55-6				1520	2940		
Miscellaneous	Pumice	1332-09-8							
Miscellaneous	Rapeseed oil	8002-13-9	Includes Hydrated Forms.						
Miscellaneous	Saponified marigold extract								
Miscellaneous	Saponified paprika extract								
Miscellaneous	Selenium	7782-49-2							
Miscellaneous	Silicic acid	1343-98-2							
Miscellaneous	Silicone antifoam	63148-62-9							
Miscellaneous	Simethicone	8050-81-5	Anti-foaming Agent						
Miscellaneous	Sodium formate	141-53-7				237			
Miscellaneous	Sodium trimetaphosphate	7785-84-4	< 0.4% of final feed						



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Miscellaneous	Sulphamic acid	5329-14-6							
Miscellaneous	Sunflower oil	8001-21-6							
Miscellaneous	Trimethylamine	75-50-3					3241		
Miscellaneous	Urea Formaldehyde	64869-57-4							
Miscellaneous	Vitamin B12	68-19-9							Cyanocobalamin
Miscellaneous	White mineral oil	8042-47-5	Miscellaneous [To reduce dustiness of feed or mineral]; Only added to the levels needed for good manufacturing or feeding practice [$\leq$ 3.0% in mineral supplements; $\leq$ 0.06% of total ration when present in feed or feed concentrate].						
Miscellaneous	Zinc oxide	1314-13-2			77947				
Microorganism	Acetobacter fabarum								
Microorganism	Aspergillus niger	68038-55-1							
Microorganism	Aspergillus oryzae	68038-56-2							
Microorganism	Bacillus coagulans	68038-65-3							
Microorganism	Bacillus licheniformis	68038-66-4							
Microorganism	Bacillus subtilis	68038-70-0	Non pathogenic strains						
Microorganism	Bifidobacterium spp.								



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Microorganism	Dekkera anomala								
Microorganism	Candida ethanolica								
Microorganism	Candida pintolopesii								
Microorganism	Candida utilis								
Microorganism	Enterococcus faecium								
Microorganism	Lactobacillus acidophilus	68333-16-4							
Microorganism	Lactobacillus bifidus								
Microorganism	Lactobacillus brevis								
Microorganism	Lactobacillus buchneri								
Microorganism	Lactobacillus bulgaricus	68333-15-3							
Microorganism	Lactobacillus casei	68333-14-2							
Microorganism	Lactobacillus delbrueckii subspeices lactis	68919-91-5							
Microorganism	Lactobacillus fermentum								
Microorganism	Lactobacilli parafarraginis								
Microorganism	Lactobacillus plantarum								



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Microorganism	Lactobacillus paracasei		No pathogenic potential, no virulence factors; No toxin markers in gene profile, and no toxin production (no enterotoxins, emetic toxins, cytotoxins, other toxins or other toxic by-products/secondary metabolites etc.); antibiotic sensitivity [minimise risk of passing on antibiotic resistance genes]; no antibiotic resistance (Also in gene profile); no unacceptable antimicrobial activity, and no potential to transfer genetic material						
Microorganism	Lactobacillus rami								
Microorganism	Lactobacillus rhamnosus								
Microorganism	Lactobacillus salivarius								



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Microorganism	Lactococcus lactis, subspecies cremoris	68814-39-1							Streptococcus cremoris
Microorganism	Pediococcus acidilactici								
Microorganism	Pediococcus pentosaceus								
Microorganism	Phaffia rhodozyma								
Microorganism	Pichia farinosa								
Microorganism	Propionibacterium freudenreichii								
Microorganism	Propionibacterium shermanii								
Microorganism	Saccharomyces boulardii								
Microorganism	Saccharomyces cerevisiae	68876-77-7							
Microorganism	Streptococcus (Enterococcus) salivarius subspecies thermophilus								
Enzymes	Alkaline phosphatase	9001-78-9	From <i>Paenibacillus lentus</i> ; meets specification of food enzyme preparations					3.1.3.1	
Enzymes	alpha-galactosidase	9025-35-8	From the following sources: Aspergillus niger, var. Morteirella vinaceae, var. raffinoutiliser. Sacchcaromyces sp.					3.2.1.22	Melibiase



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Enzymes	Amylase	9000-92-4	From the following sources: Animal pancreatic tissue, <i>Aspergillus oryzae</i> , var. <i>Aspergillus niger</i> var. <i>Bacillus amyloliquefaciens</i> , <i>B. lentus</i> , <i>B. licheniformis</i> , <i>B. licheniformis</i> containing a <i>B. stearothermophilus</i> gene for alpha-amylase, <i>B. stearothermophilus</i> . <i>B. subtilis</i> containing a <i>B. megatrium</i> gene for alpha-amylase, <i>B. subtilis</i> containing <i>B. stearothermophilus</i> gene for alpha-amylase. <i>B. subtilis</i> , var. Barley malt, <i>Rhizopus niveus</i> , <i>rhizopus oryzae</i> , var.					3.2.1.1	Alpha-amylase, Glycogenase



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Enzymes	beta-glucanase	9074-98-0	From the following sources: Aspergillus niger, var. Bacillus lentius, B. subtilis, B. amyloliquefaciens, var. Humicola insolens, Trichoderma longibrachiatum, Penicillium funiculosum					3.2.1.6	Laminarinase, Endo-1,3-beta-glucanase
Enzymes	Bromelain	9001-00-7						3.4.22.3 2, 3.4.22.3 3	
Enzymes	Cellulase	9012-54-8	From the following sources:Aspergillus niger, var. Bacillus lentus, Humicola insolens, Trichoderma longibrachiatum, Trichoderma reesei.					3.2.1.4	Celludextrinase, Endoglucanase, Avicelase
Enzymes	Chymotrypsin	9004-07-3						3.4.21.1	Chymotrypsin A, Alpha-chymotrypsin



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Enzymes	Hemicellulase	9025-56-3	From the following sources: <i>Aspergillus niger</i> , var. <i>A. aculeatus</i> , <i>Bacillus lentus</i> , <i>B. subtilis</i> , var. <i>Humicola insolens</i> , <i>Trichoderma longibrachiatum</i>					3.2.1.8	Endo-1,4-beta-xylanase
Enzymes	Lipase	9001-62-1	From the following sources: Animal pancreatic tissue, <i>aspergillus niger</i> , var. <i>A. oryzae</i> , var. <i>Candida rugosa</i> , <i>Rhizopus</i> sp, edible forestomach of calves, kids and lambs.					3.1.1.3	Triacylglycerol lipase, Tributyrase
Enzymes	Lysozyme	9001-63-2						3.2.1.17	Muramidase
Enzymes	Mannan endo-1,4-beta-mannosidase	37288-54-3	From the following sources: <i>Aspergillus niger</i> , var. <i>Bacillus lentus</i> . <i>Trichoderma Longibrachiatum</i> .					3.2.1.78	Beta mannanase, beta-D-mannanase, beta-1,4-mannan 4-mannohydrolase, beta mannanase B, 1,4-beta-D-mannan mannohydrolase, endo-1,4-beta mannanase, endo-1,4-mannanase, endo-beta-1,4 mannanase, endo-beta mannanase



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Enzymes	Metalloproteinase		From Bascilus Subtilis var.						
Enzymes	Pancreatin	8049-47-6							
Enzymes	Papain	9001-73-4						3.4.22.2	
Enzymes	Pectinase	9032-75-1						3.2.1.15	Polygalacturonase, Pectin depolymerase
Enzymes	Phytase	9001-89-2	From the following sources: Aspergillus niger, var. A. oryzae, var. Schizosaccharomyces pombe					3.1.3.8 / 3.1.3.26	3-phytase and 6-phytase
Enzymes	Protease	9001-92-7	From the following sources: Aspergillus niger, var. A. oryzae, var. Bacillus amyloliquefaciens, B. licheniformis, B. subtilis, var. B. subtilis, containing a B. amyloliquefaciens gene for protease, Rhizopus Sp.						
Enzymes	Raffinase							3.4.21.4	
Enzymes	Trypsin	9002-07-7							



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Enzymes	Xylanase	9025-57-4	From Aspergillus oryzae carrying a gene from Thermomyces lanuginosus coding for xylanase or from Penicillium funiculosum or Trichoderma longbrachiatum or Trichoderma viride.					3.2.1.8 / 3.2.1.32	endo 1,3 beta xylanase, endo 1,4 beta xylanase
Odorants	Amyl butyrate	540-18-1					2059		
Odorants	Furaneol	3658-77-3					3174		
Odorants	p-Anisaldehyde	123-11-5					2670		
Odorants	Propyl acetate	109-60-4					2925		
Odorants	Propyl alcohol	71-23-8	Not more than 55g/head/day				2928		
Odorants	Skatole	83-34-1					3019		
Dietary supplements	Ascorbic acid	50-81-7				300	2109		Vitamin C
Dietary supplements	β-Carotene Oxygen Copolymer [OxBC]	None							
Dietary supplements	Calcium caseinate	9005-43-0							
Dietary supplements	Calcium oxide	1305-78-8							Lime, Quicklime
Dietary supplements	Calcium pantothenate	137-08-6							



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Dietary supplements	Calcium sulphate	7778-18-9							
Dietary supplements	Hemp Protein Powder (<i>Cannabis sativa</i> Protein Powder)	9007-57-2	<i>Cannabis sativa</i> L. Cultivars conform to the Misuse of Drugs (industrial Hemp) regulations 2006 Hemp Protein/Edestin powder contains tetrahydrocannabinol (THC) at less than 10mg/kg supplement.						
Dietary supplements	Choline chloride	67-48-1							
Dietary supplements	Di-Magnesium Phosphate [Magnesium phosphate dibasic as trihydrate]	7782-75-4	Food or pharmaceutical grade only						
Dietary supplements	Ferrous sulphate	7720-78-7							
Dietary supplements	Glucose	50-99-7	Includes dextrose and its hydrated and anhydrous forms						
Dietary supplements	Glycerides (mono and di)					471			
Dietary supplements	Hyaluronic Acid	9004-63-9							



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Dietary supplements	Lactose	63-42-3							
Dietary supplements	L-leucine	61-90-5					3297		
Dietary supplements	Magnesium acetate	142-72-3	Includes hydrated forms. Only added to the levels needed.						
Dietary supplements	Magnesium aspartate	18962-61-3	Includes hydrated forms. Only added to the levels needed.						
Dietary supplements	Magnesium citrate	3344-18-1	Includes hydrated forms. Only added to the levels needed.						
Dietary supplements	Magnesium glycerophosphate	927-20-8	Includes hydrated forms. Only added to the levels needed.						
Dietary supplements	Magnesium hypophosphite	13446-24-7	Includes hydrated forms. Only added to the levels needed.						
Dietary supplements	Magnesium orotate	34717-03-8	Includes hydrated forms. Only added to the levels needed.						
Dietary supplements	Magnesium phosphate	10043-83-1	Includes hydrated forms. Only added			343			



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
			to the levels needed.						
Dietary supplements	Magnesium sulphate	7487-88-9	Includes hydrated forms. Only added to the levels needed.						
Dietary supplements	Maltodextrin	9050-36-6							
Dietary supplements	Niacin; pyridine-3-carboxylic acid	59-67-6	Only added to the levels needed for good manufacturing or feeding practice						
Dietary supplements	Nicotinamide riboside chloride	23111-00-4	Only added to the levels needed						
Dietary supplements	Pyrroloquinolinequinone disodium salt	122628-50-6	Only added to the levels needed for good manufacturing or feeding practice.						
Dietary supplements	Sodium ascorbate	134-03-2							
Dietary supplements	Sodium chloride	7647-14-5							
Dietary supplements	Sodium fumarate	7704-73-6				365			
Dietary supplements	Sodium glycerophosphate	17603-42-8 [includes hydrated forms]	Only added to the levels needed						



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Dietary supplements	Tocopherols (extracts of natural origin)	1406-66-2				306			
Dietary supplements	Urea	57-13-6							
Dietary supplements	Vitamin B1	59-43-8							
Dietary supplements	Vitamin B12	68-19-9							Cyanocobalamin
Dietary supplements	Zinc oxide	1314-13-2			77947				
Dietary supplements	Manganese carbonate	598-62-9							
Dietary supplements	Manganese sulphate	7785-87-7							
Dietary supplements	Potassium Iodide	7681-11-0							
Dietary supplements	Zinc sulphate	7733-02-0							
Herbal extracts	Baliospernum montanum								
Herbal extracts	Boerhavia diffusa								
Herbal extracts	Cedrus deodara								
Herbal extracts	Citrus aurantium	8016-38-4					2771		Neroli oil
Herbal extracts	Curcuma domestica								
Herbal extracts	Curcuma longa								
Herbal extracts	Cyperus scariosus		Specify source						
Herbal extracts	Echinacea								
Herbal extracts	Elephantopus scaber								



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Category	Chemical name	CAS#	Condition	FD&C	CI	E	FEMA	EC	Other names
Herbal extracts	Embelia ribes		Maximum of 5% in premixes used in production of animal feeds.						
Herbal extracts	Fenugreek								
Herbal extracts	Holarrhena antidysenterica	90045-74-2							
Herbal extracts	Kombu Seaweed								
Herbal extracts	Macleaya cordata								
Herbal extracts	Operculina turpethum								
Herbal extracts	Origanum majorana oleoresin	804082-58-6					2659		Majoram oleoresin
Herbal extracts	Phyllanthus emblica								
Herbal extracts	Picrorhiza kurroa								
Herbal extracts	Piper longum								
Herbal extracts	Piper nigrum								
Herbal extracts	Piper officinarum								
Herbal extracts	Pistacia integerrima								
Herbal extracts	Plumbago zeylanica								
Herbal extracts	Rosemary oleoresin								
Herbal extracts	Terminalia belerica								
Herbal extracts	Terminalia chebula								
Herbal extracts	Valerian								
Herbal extracts	Yucca schidigera								
Herbal extracts	Zingiber officinale								