

### SCHEDULE 3

regulation 11

#### PERMITTED ADDITIVES AND PROVISIONS RELATING TO THEIR USE

1. In this Schedule “material” means “material intended for use as a feeding stuff”, and any reference to a numbered Part is a reference to the Part bearing that number in the Table to this Schedule.

2. No material shall contain any added antioxidant named or described in column 2 and 3 of Part I, unless, taking into account any such antioxidant which is naturally present, the maximum content (if any) specified in relation thereto in column 4 of that Part is not exceeded.

3. No material shall contain any added colourant named or described in column 2 and 3 of Part II unless —

- (a) the material is intended for a species or category of animal listed opposite the colourant in question in column 4 of that Part;
- (b) taking into account any such colourant as is naturally present, the maximum content (if any) specified in relation thereto in column 5 of that Part is not exceeded; and
- (c) the material complies with the conditions (if any) specified in relation thereto in column 6 of that Part.

4. No material shall contain any added emulsifier, stabiliser, thickener or gelling agent other than one named or

described in column 2 of Chapter B of Part III unless —

- (a) that material is intended for a species or category of animal listed opposite the substance in question in column 3 of that Chapter;
- (b) taking into account any such substance which is naturally present, the maximum content (if any) specified in relation thereto in column 4 of that Chapter is not exceeded; and
- (c) the material complies with any conditions specified in relation thereto in column 5 of that Chapter.

5. Any material may contain any added vitamin (not being vitamin A, D<sub>2</sub> or D<sub>3</sub>) or any pro-vitamin or chemically well-defined substance having a similar effect.

(2) No material may contain any added vitamin A, D<sub>2</sub> or D<sub>3</sub> unless —

- (a) the material is for a species of category of animal listed opposite the vitamin in question in column 3 of Part IV;
- (b) taking into account any such vitamin as is naturally present, the maximum content (if any) specified in relation thereto in column 4 of that Part is not exceeded; and
- (c) the material complies with the conditions (if any) specified in relation thereto in column 5 of that Part.

6. No material shall contain any added trace element identified in column 2 of Part V, and coming from a source specified in relation to it in columns 3 and 4 of Part V, in proportions which, taking account of any such trace element which is naturally present, exceed the maximum content specified in relation thereto in column 6 of that Part.

(2) No material shall contain any added trace element so identified, from a source so specified, unless the material is for a species or category of animal listed opposite the source in question in column 5 of that Part.

(3) No material shall contain any added trace element so identified, and from a source so specified, which does not comply with the conditions (if any) specified in respect of that source in column 7 of that Part.

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**7.** No material shall contain

- (a) an entry opposite the substance in question in column 4 of that Part and the animal concerned is of an age no greater than that (if any) specified in column 5 of that Part.

**8.** No material shall contain any added preservative named or described in columns 2 and 3 of Chapter A of Part VII, unless the material complies with the conditions (if any) specified in relation thereto in column 4 of that Chapter.

(2) No material shall contain any added preservative specified in columns 2 and 3 of Chapter B of Part VII which, taking into account of any such preservative which is naturally present, exceeds, the maximum content specified in relation thereto in column 5;

(3) No material shall contain any added preservative specified in column 2 and 3 of Chapter B of Part VII unless the material is for a species or category of animal listed opposite the preservative in question in column 4 of that Chapter, and is used in accordance with the specifications, if any, laid down in respect of it in columns 5 to 7 thereof.

**9.** No material shall contain any acidity regulator, except that material intended for use as a pet food for dogs or cats may contain any of the acidity regulators named in Part VIII.

**10.** Unless otherwise stated, any maximum or minimum specified for the content in any feeding stuff of any additive, in the relevant Part of Parts I to VIII<sup>(1)</sup>, or in the relevant European Community Regulation specified in Part IX<sup>(2)</sup>, is so specified by reference to a complete feeding stuff with a moisture content of 12%.

**11.** The second paragraph of Article 9q1 of the Additives Directive shall have effect in relation to any additive covered by a European Community Regulation specified in Part IX.

**TABLE**  
**ADDITIVES CONTROLLED BY THE ADDITIVES DIRECTIVE**  
**PART I**  
**PERMITTED ANTIOXIDANTS()**

Column 1 EECNo.	Column 2 Name or Description	Column 3 Chemical Formula	Column 4 Maximum content (mg/ kg in complete feeding stuff)	Column 5 Conditions
E300	L-Ascorbic acid	C <sub>6</sub> H <sub>8</sub> O <sub>6</sub>	}	
E301	Sodium L- ascorbate	C <sub>6</sub> H <sub>7</sub> O <sub>6</sub> Na	}	
E302	Calcium Di(L- ascorbate)	C <sub>12</sub> H <sub>14</sub> O <sub>12</sub> Ca <sub>2</sub> H <sub>2</sub> O	}	
E303	5,6 Diacetyl-L- ascorbic acid	C <sub>10</sub> H <sub>12</sub> O <sub>5</sub>		

(1) Note also that certain antioxidants are permitted by virtue of Commission Regulation (EC) No. 2316/98 as referred to in Part IX of this Table.

(2) Parts I to VIII relate only to additives covered by European Community Directives. Part IX relates only to additives covered by European Community Regulations.

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Column 1 EEC No.	Column 2 Name or Description	Column 3 Chemical Formula	Column 4 Maximum content (mg/ kg in complete feeding stuff)	Column 5 Conditions
E304	6-Palmitoyl-L- ascorbic acid	C <sub>22</sub> H <sub>38</sub> O <sub>7</sub>	}	
E306	Tocopherol-rich extracts of natural origin	–	}	All feeding stuffs
E307	Synthetic <i>alpha</i> - tocopherol	C <sub>29</sub> H <sub>50</sub> O <sub>2</sub>	}	
E308	Synthetic <i>gamma</i> - -tocopherol	C <sub>28</sub> H <sub>48</sub> O <sub>2</sub>	}	
E309	Synthetic <i>delta</i> - tocopherol	C <sub>27</sub> H <sub>46</sub> O <sub>2</sub>	}	
E310	Propyl gallate	C <sub>10</sub> H <sub>12</sub> O <sub>5</sub>	} 100 alone or together	
E311	Octyle gallate	C <sub>15</sub> H <sub>22</sub> O <sub>5</sub>	}	
E312	Dodecyl gallate	C <sub>19</sub> H <sub>30</sub> O <sub>5</sub>	}	

(1) Note also that certain antioxidants are permitted by virtue of Commission Regulation (EC) No. 2316/98 as referred to in Part IX of this Table.

**PART II**  
**PERMITTED COLOURANTS**

Column 1 EEC No.	Column 2 Name or Description	Column 3 Chemical formula, description	Column 4 Kind of animal permitted	Column 5 Maximum content (mg/kg in complete feedingstuffs)	Column 6 Conditions
	<b>1. Carotenoids and xanthophylls:</b>				
E160c	Capsanthin	C <sub>40</sub> H <sub>56</sub> O <sub>3</sub>	}		–
		}			
E160e	Beta-apo-8'- carotenal	C <sub>30</sub> H <sub>40</sub> O	}		
		}			
E160f	Ethyl ester of beta-apo-8'- carotenoic acid	C <sub>32</sub> H <sub>44</sub> O <sub>2</sub>	Poultry }	80 (alone or with the other carotenoids	

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Column 1 EEC No.	Column 2 Name or Description	Column 3 Chemical formula, description	Column 4 Kind of animal permitted	Column 5 Maximum content (mg/kg in complete feedingstuffs) and xanthophylls)	Column 6 Conditions
E161b	Lutein	C <sub>40</sub> H <sub>56</sub> O <sub>2</sub>	}		
E161c	Cryptoxanthin	C <sub>40</sub> H <sub>56</sub> O	}		
E161g	Canthaxanthin	C <sub>40</sub> H <sub>52</sub> O <sub>2</sub>	(a) Poultry	80	Use permitted from the age of 6 months onwards. The mixture of canthaxanthin with astaxanthin is allowed provided that the total concentration of the mixture does not exceed 100 mg/kg in the complete feedingstuff.
			(b) Salmon, trout		
			(c) Dogs, cats and ornamental fish		
E161h	Zeaxanthin	C <sub>40</sub> H <sub>56</sub> O <sub>2</sub>	Poultry	80	—
E161i	Citranaxanthin	C <sub>33</sub> H <sub>44</sub> O	Laying hens	( alone or with other carotenoids and xanthophylls)	

Column 1 EEC No.	Column 2 Name or Description	Column 3 Chemical formula, description	Column 4 Kind of animal permitted	Column 5 Maximum content (mg/kg in complete feedingstuffs)	Column 6 Conditions
E161j	Astaxanthin	C <sub>40</sub> H <sub>52</sub> O <sub>4</sub>	(a) <del>(a)</del> Salmon trout	100	Use only permitted from the age of 6 months onwards. The mixture of astaxanthin with canthaxanthin is allowed provided that the total concentration of the mixture does not exceed 100 mg/kg in the complete feedingstuff.
			Ornamental fish	—	—
	<b>2. Other colourants:</b>				
E102	Tartrazine	C <sub>16</sub> H <sub>9</sub> N <sub>4</sub> Na <sub>3</sub> O <sub>9</sub> S <sub>2</sub> }			
E110	Sunset yellow FCF	C <sub>16</sub> H <sub>10</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>7</sub> S <sub>2</sub> }			
			Ornamental fish	—	—
E124	Ponceau 4R	C <sub>20</sub> H <sub>11</sub> N <sub>2</sub> Na <sub>3</sub> O <sub>10</sub> S <sub>3</sub> }			
E127	Erythrosine	C <sub>20</sub> H <sub>6</sub> I <sub>4</sub> Na <sub>2</sub> O <sub>5</sub> H <sub>2</sub> O }			
E131	Patent Blue V	Calcium salt of the disulphonic acid of m- hydroxytetra ethyl diamino triphenylcarbinol anhydride	(a) <del>(a)</del> — species or categories of animals with the exception		Permitted in animal feedingstuffs only in products processed from: (i) waste products

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Column 1 EEC No.	Column 2 Name or Description	Column 3 Chemical formula, description	Column 4 Kind of animal permitted	Column 5 Maximum content (mg/kg in complete feedingstuffs)	Column 6 Conditions
			of dogs and cats		of foodstuffs, (ii) denatured cereals of manioc flour, or (iii) other base substances denatured by means of these agents or coloured during technical preparation to ensure the necessary identification during manufacture
			(b) Dogs – and cats		–
E132	Indigotine	$C_{16}H_8N_2Na_2O_8S$	Ornamental fish	–	–
E141	Chlorophyll copper complex	–	Ornamental fish	–	–
E142	Acid Brilliant Green BS, (Lissamine Green)	Sodium salt of 4,4'-bis (dimethylamino) diphenylmethene-2- naphthol-3,6- disulphonic acid	(a) <del>All</del> – species or categories of animals with the exception of dogs, cats		Permitted in animal feedingstuffs only in products processed from: (i) waste products of foodstuffs,

Column 1 EEC No.	Column 2 Name or Description	Column 3 Chemical formula, description	Column 4 Kind of animal permitted	Column 5 Maximum content (mg/kg in complete feedingstuffs)	Column 6 Conditions
			and ornamental fish		(ii) denatured cereals or manioc flour, or (iii) other base substances denatured by means of these agents or coloured during technical preparation to ensure the necessary identification during manufacture
			(b) Dogs – cats and ornamental fish		–
E153	Carbon black	C } }			
E160B	Bixin	C <sub>25</sub> H <sub>30</sub> O <sub>4</sub> } }	Ornamental fish	–	–
E172	Iron oxide, red  3. All colourants (other than Patent Blue V and Acid Brilliant Green BS) at present permitted for	Fe <sub>2</sub> O <sub>3</sub> } }	(a) All – species or categories of animals with the		Permitted animal feedingstuffs only in products processed from:

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Column 1 EEC No.	Column 2 Name or Description	Column 3 Chemical formula, description	Column 4 Kind of animal permitted	Column 5 Maximum content (mg/kg in complete feedingstuffs)	Column 6 Conditions
	use in human food by European Community legislation as implemented by Regulations made under the Food Safety Act 1990(1)		exception of dogs and cats		(i) waste products of foodstuffs, or (ii) other base substances, with the exception of cereals and manioc flour, denatured by means of these agents or coloured during technical preparation to ensure the necessary identification during manufacture
			(b) Dogs – and cats		–

**PART III**

**PERMITTED EMULSIFIERS, STABILISERS, THICKENERS AND GELLING AGENTS**

**CHAPTER A**

<i>EEC No.</i>	<i>Name or description</i>	<i>Conditions</i>
E322	Lecithins }	
E400	Alginic acid }	

(1) 1990 c. 16.



<i>EEC No.</i>	<i>Name or description</i>	<i>Conditions</i>
E401	Sodium alginate }	
E402	Potassium alginate }	
E404	Calcium alginate }	
E405	Propylene glycol alginate (propan-1,2-diol alginate) }	
E406	Agar }	
E407	Carrageenan }	
E410	Locust bean gum (carob gum) }	
E411	Tamarind seed flour }	
E412	Guar gum (guar flour) }	
E413	Tragacanth }	
E414	Acacia (gum arabic) }	
E415	Xanthan gum }	
E420	D-Glucitol (sorbitol) }	
E421	Mannitol }	
E422	Glycerol }	
E440	Pectins }	
E460	Mycrocrystalline cellulose }	
E460(ii)	Cellulose powder }	
E461	Methylcellulose }	
E462	Ethylcellulose }	
E463	Hydroxypropylcellulose }	
E464	Hydroxypropylmethylcellulose }	
E465	Ethylmethylcellulose }	
E466	Carboxymethylcellulose (sodium salt of carboxymethyl ether of cellulose) }	All feeding stuffs
E470	Sodium, potassium and calcium salts of edible fatty acids, alone or in mixtures, derived either from edible fats or distilled edible fatty acids }	

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<i>EEC No.</i>	<i>Name or description</i>	<i>Conditions</i>
E471	Monoacyl and diacylglycerols (mono- and diglycerides of fatty acids) }	
E472	Monoacyl and diacylglycerols esterified with the following acids: }	
	(a) (a) acetic }	
	(b) (b) lactic }	
	(c) (c) citric }	
	(d) (d) tartaric }	
	(e) <del>(e)</del> monoacetyltartaric and diacetyltartaric }	
E473	Sucrose esters of fatty acids (esters of saccharose and edible fatty acids) }	
E474	Mixture of sucrose esters of monoacyl and diacylglycerols (sucroglycerides) }	
E475	Polyglycerol esters of non- polymerised edible fatty acids }	
E477	Propylene glycol esters of fatty acids (propan-1,2-diol esters of fatty acids) }	
E480	Stearoyl-2-lactylic acid }	
E481	Sodium stearoyl-2-lactylate }	
E482	Calcium stearoyl-2-lactylate }	
E483	Stearyl tartrate }	
E484	Glycerol poly(ethylene glycol) ricinoleate }	
E486	Dextrans }	
E491	Sorbitan monostearate }	
E492	Sorbitan tristearate }	All feeding stuffs
E493	Sorbitan monolaurate }	
E494	Sorbitan mono-oleate }	
E495	Sorbitan monopalmitate }	

**CHAPTER B**

<i>Column 1</i> EEC No.	<i>Column 2</i> Name or Description	<i>Column 3</i> Kind of animal permitted	<i>Column 4</i> Maximum Content (mg/ kg in complete feeding stuffs)	<i>Column 5</i> Conditions
E403	Ammonium Alginate	All species of animal except aquarium fish		All feeding stuffs
E418	Gellan Gum (Polytetrasaccharide containing glucose, glucuronic acid and rhamnose (2:1:1) produced by <i>Pseudomonas</i> <i>elodea</i> (ATCC31466))	Dogs, Cats	No limit	Feeding stuffs with a moisture content exceeding 20%
E432	Polyoxyethylene (20) sorbitan monolaurate }	}	}	
E433	Polyoxyethylene (20) sorbitan mono-oleate }	}	}	
E434	Polyoxyethylene (20) sorbitan monopalmitate }	All species of animal }	5000 } (alone or with other Polysorbates) }	Milk replacer feeds only
E435	Polyoxyethylene (20) sorbitan monostearate }	}	}	
E436	Polyoxyethylene (20) sorbitan tristearate }	}	}	
E450b(i)	Pentasodium triphosphate	Dogs, Cats	5000	All feeding stuffs
E487	Polyethyleneglycol esters of fatty acids from soya oil	Calves	6000	Milk replacer feeds only

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<i>Column 1 EEC No.</i>	<i>Column 2 Name or Description</i>	<i>Column 3 Kind of animal permitted</i>	<i>Column 4 Maximum Content (mg/ kg in complete feeding stuffs)</i>	<i>Column 5 Conditions</i>
E488	Polyoxyethylated glycerides of tallow fatty acids	Calves	5000	Milk replacer feeds only
E489	Ethers of polyglycerol and of alcohols obtained by the reduction of oleic and palmitic acids	Calves	5000 feeds only	Milk replacer
E490	Propan-1, 2-diol	Dairy cows Calves Cattle for fattening Lambs Kids Swine Poultry	12000 36000	All feeding stuffs
E496	Poly(ethylene glycol) 6000		300	
E497	Polyoxypropylene-polyoxyethylene polymers (M.W. 6800-9000)	All species of animal	50	All feeding stuffs
E498	Partial polyglycerol esters of polycondensed fatty acids of castor oil (polyglycerol polyricinoleate)	Dogs	No limit	All feeding stuffs
E499	Cassia Gum	Dogs, Cats	17600	Feeding stuffs with a moisture content exceeding 20%

**PART IV**  
**VITAMINS A, D<sub>2</sub> AND D<sub>3</sub>**

<i>Column 1</i> EEC No.	<i>Column 2</i> Vitamin	<i>Column 3</i> Kind of animal permitted	<i>Column 4</i> Maximum content (international units per kilogram in complete feeding stuffs) or of the daily ration	<i>Column 5</i> Conditions	
E672	A	Chickens for fattening	13500 }	All feeding stuffs except feeding stuffs for young animals	
		Ducks for fattening	13500 }		
		Turkeys for fattening	13500 }		
		Lambs for fattening	13500 }		
		Pigs for fattening	13500 }		
		Bovines for fattening	13500 }		
		Calves for fattening	25000 }		Only milk replacers
		Other species of animal	–		All feeding stuffs
E670	D <sub>2</sub>	Pigs	2000 }	In milk replacer feeds only }	
		Piglets	10000 }		
or		Cattle	4000 }	Simultaneous use of Vitamin D <sub>2</sub> and D <sub>3</sub> prohibited	
		Calves	10000 }		In milk replacer feeds only }

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<i>Column 1</i> EEC No.	<i>Column 2</i> Vitamin	<i>Column 3</i> Kind of animal permitted	<i>Column 4</i> Maximum content (international units per kilogram in complete feeding stuffs) or of the daily ration	<i>Column 5</i> Conditions		
E671	D <sub>3</sub>	Sheep	4000	}		
		Lambs	10000	In milk replacer feeds only	}	
		Horses	4000	}		
		Other species of animal except poultry and fish	2000	}		
		Pigs	2000	}		
		Piglets	10000	In milk replacer feeds only	}	Simultaneous use of Vitamin D <sub>2</sub> and D <sub>3</sub> prohibited
		Cattle	4000			
		Calves	10000	In milk replacer feeds only	}	Simultaneous use of Vitamin D <sub>2</sub> and D <sub>3</sub> prohibited
		Sheep	4000	}		
		Lamb	10000	In milk replacer feeds only	}	
					}	
		Horses	4000			
		Chickens for fattening	5000			
		Turkeys	5000			
Other poultry	3000					
Fish	3000					
Other species of animals	2000					

**PART V**  
**TRACE ELEMENTS()**

<i>Column 1</i> EEC No.	<i>Column 2</i> Element	<i>Column 3</i> Name of Additive	<i>Column 4</i> Chemical Formula	<i>Column 5</i> Kind of Animal permitted	<i>Column 6</i> Maximum Content of the Element mg/kg in Complete Feeding Stuffs	<i>Column 7</i> Conditions
E1	Iron-Fe	Ferrous carbonate	FeCO <sub>3</sub>			—
		Ferrous chloride, tetrahydrate	FeCl <sub>2</sub> .4H <sub>2</sub> O			—
		Ferric chloride, hexahydrate	FeCl <sub>3</sub> .6H <sub>2</sub> O	all animals	1250 (total)	—
		Ferrous citrate, hexahydrate	Fe <sub>3</sub> (C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> ) <sub>2</sub> .6H <sub>2</sub> O			—
		Ferrous fumarate				
		Ferrous lactate, trihydrate				
		Ferric oxide	FeC <sub>4</sub> H <sub>2</sub> O <sub>4</sub>			—
		Ferrous sulphate, monohydrate	Fe(C <sub>3</sub> H <sub>5</sub> O <sub>3</sub> ) <sub>2</sub> .3H <sub>2</sub> O			—
			Fe <sub>2</sub> O <sub>3</sub>			Permitted:
			FeSO <sub>4</sub> .H <sub>2</sub> O			(i) in denatured skimmed milk powder and in compound

(1) Note also that certain trace elements are permitted by virtue of Commission Regulation (EC) No. 2316/98 as referred to in Part IX of this Table.

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<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>	<i>Column 4</i>	<i>Column 5</i>	<i>Column 6</i>	<i>Column 7</i>
<i>EEC No.</i>	<i>Element</i>	<i>Name of Additive</i>	<i>Chemical Formula</i>	<i>Kind of Animal permitted</i>	<i>Maximum Content of the Element mg/kg in Complete Feeding Stuffs</i>	<i>Conditions</i>
						feeding stuffs manufactured from denatured skimmed milk powder: <ul style="list-style-type: none"> <li>— subject to the mandatory provisions of Commission Regulations (EEC) No. 368/77 and (EEC) No. 443/77;</li> <li>— declaration of the amount of iron added, expressed as the element, on the label or package or container of denatured skimmed</li> </ul>

(1) Note also that certain trace elements are permitted by virtue of Commission Regulation (EC) No. 2316/98 as referred to in Part IX of this Table.



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<i>Column 1</i> <i>EEC No.</i>	<i>Column 2</i> <i>Element</i>	<i>Column 3</i> <i>Name of Additive</i>	<i>Column 4</i> <i>Chemical Formula</i>	<i>Column 5</i> <i>Kind of Animal permitted</i>	<i>Column 6</i> <i>Maximum Content of the Element mg/kg in Complete Feeding Stuffs</i>	<i>Column 7</i> <i>Conditions</i>
						milk powder.
						(ii) in compound feeding stuffs other than those listed under (i).
		Ferrous sulphate, heptahydrate	FeSO <sub>4</sub> .7H <sub>2</sub> O	all animals	1250 (total)	Permitted: (i) in denatured skimmed milk and in compound feeding stuffs manufactured from denatured skimmed milk powder: — subject to the mandatory provisions of Commission Regulations (EEC) No. 368/77 and (EEC) No. 443/77.
<p>(1) Note also that certain trace elements are permitted by virtue of Commission Regulation (EC) No. 2316/98 as referred to in Part IX of this Table.</p>						

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<i>Column 1</i> <i>EEC No.</i>	<i>Column 2</i> <i>Element</i>	<i>Column 3</i> <i>Name of Additive</i>	<i>Column 4</i> <i>Chemical Formula</i>	<i>Column 5</i> <i>Kind of Animal permitted</i>	<i>Column 6</i> <i>Maximum Content of the Element mg/kg in Complete Feeding Stuffs</i>	<i>Column 7</i> <i>Conditions</i>
						— declaration of the amount of iron added, expressed as the element, on the label or package or container of denatured skimmed milk powder.
						(ii) in compound feeding stuffs other than those listed under (i) above
		Ferrous Chelate of Amino Acids hydrate	Fe(x) 1-3.nH <sub>2</sub> O (where x equals an anion of any amino acid derived	} all animals	—	—

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<i>Column 1</i> <i>EEC No.</i>	<i>Column 2</i> <i>Element</i>	<i>Column 3</i> <i>Name of Additive</i>	<i>Column 4</i> <i>Chemical Formula</i>	<i>Column 5</i> <i>Kind of Animal permitted</i>	<i>Column 6</i> <i>Maximum Content of the Element mg/kg in Complete Feeding Stuffs</i>	<i>Column 7</i> <i>Conditions</i>
			from hydrolysed Soya Protein) Molecular weight not exceeding 1500			
E2	Iodine-I	Calcium iodate, hexahydrate	Ca(IO <sub>3</sub> ) <sub>2</sub> .6H <sub>2</sub> O	} equines fish	4 (total) 20 (total)	–
		Calcium iodate, anhydrous	Ca(IO <sub>3</sub> ) <sub>2</sub>	} other species of animal	10 (total)	–
		Sodium iodide	NaI	}		–
		Potassium iodide	KI	}		–
E3	Cobalt-Co	Cobaltous acetate, tetrahydrate	Co(CH <sub>3</sub> COO) <sub>2</sub> .4H <sub>2</sub> O }			
		Basic cobaltous carbonate, monohydrate	2CoCO <sub>3</sub> 3C(OH) <sub>2</sub> .H <sub>2</sub> O	all animals	10 (total)	
		Cobaltous chloride, hexahydrate	CoCl <sub>2</sub> .6H <sub>2</sub> O	}		
		Cobaltous sulphate, heptahydrate	CoSO <sub>4</sub> .7H <sub>2</sub> O	}		
		Cobaltous sulphate, monohydrate	CoSO <sub>4</sub> .H <sub>2</sub> O	}		
(1) Note also that certain trace elements are permitted by virtue of Commission Regulation (EC) No. 2316/98 as referred to in Part IX of this Table.						

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		Cobaltous nitrate, Hexahydrate	$\text{Co}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$ }			
E4	Copper Cu-	Cupric acetate, monohydrate	$\text{Cu}(\text{C}_2\text{H}_3\text{O}_2)_2 \cdot \text{H}_2\text{O}$ }	Pigs for fattening:		
		Basic cupric carbonate, monohydrate	$\text{CuCO}_3 \cdot \text{Cu}(\text{OH})_2 \cdot \text{H}_2\text{O}$ }	Up to 16 weeks	175 (total)	–
		Cupric chloride, dihydrate	$\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$ }	from 17 <sup>th</sup> week-to six months	100 (total)	–
		Cupric methionate	$\text{Cu}(\text{C}_3\text{H}_{10}\text{NO}_2\text{S})_2$ }	Over six months	35 (total)	
		Cupric oxide	$\text{CuO}$ }	Breeding pigs	35 (total)	–
		Cupric sulphate, pentahydrate	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ }			–
				Calves:		
				– milk replacers	30 (total)	–
				– other complete feeding stuffs:	50 (total)	–
				Ovines	15 (total)	–
				Other species of animal	35 (total)	–

(1) Note also that certain trace elements are permitted by virtue of Commission Regulation (EC) No. 2316/98 as referred to in Part IX of this Table.

*Status: This is the original version (as it was originally made).*

<i>Column 1</i> <i>EEC No.</i>	<i>Column 2</i> <i>Element</i>	<i>Column 3</i> <i>Name of Additive</i>	<i>Column 4</i> <i>Chemical Formula</i>	<i>Column 5</i> <i>Kind of Animal permitted</i>	<i>Column 6</i> <i>Maximum Content of the Element mg/kg in Complete Feeding Stuffs</i>	<i>Column 7</i> <i>Conditions</i>
		Cupric sulphate, monohydrate	CuSO <sub>4</sub> .H <sub>2</sub> O }	Pigs for fattening: — up to 16 weeks	175 (total)	Denatured skimmed milk powder and compound feeding stuffs manufactured from denatured skimmed milk powder:
		Cupric sulphate, pentahydrate	CuSO <sub>4</sub> .5H <sub>2</sub> O }	— from 17 <sup>th</sup> week to six months	100 (total)	— subject to the relevant provisions of Commission Regulations (EEC) No. 368/77 and (EEC) No. 443/77;
				— over six months	35 (total)	
				Breeding pigs	35 (total)	
				Ovines	15 (total)	
				Other species of animal with the exception of calves	35 (total)	— declaration of the amount of copper added, expressed as the element

(1) Note also that certain trace elements are permitted by virtue of Commission Regulation (EC) No. 2316/98 as referred to in Part IX of this Table.

**Status:** This is the original version (as it was originally made).

Column 1 EEC No.	Column 2 Element	Column 3 Name of Additive	Column 4 Chemical Formula	Column 5 Kind of Animal permitted	Column 6 Maximum Content of the Element mg/kg in Complete Feeding Stuffs	Column 7 Conditions
						on the label or package or the container of denatured skimmed milk powder.
	Maganese-	Manganous carbonate	MnCO <sub>3</sub> }		—	
	Mn	Manganous chloride, tetrahydrates	MnCl <sub>2</sub> ·4H <sub>2</sub> O }		—	
		Manganous hydrogen phosphate, trihydrates	MnHPO <sub>4</sub> ·3H <sub>2</sub> O }	All animals	250 (total)	—
		Manganous oxide	MnO }		—	
		Manganic oxide	Mn <sub>2</sub> O <sub>3</sub> }		—	
		Manganous sulphate, tetrahydrate	MnSO <sub>4</sub> ·4H <sub>2</sub> O }		—	
		Manganous sulphate, monohydrate	MnSO <sub>4</sub> ·H <sub>2</sub> O }		—	
E6	Zinc-Zn	Zinc lactate, trihydrate	Zn(C <sub>3</sub> H <sub>5</sub> O <sub>3</sub> ) <sub>2</sub> ·3H <sub>2</sub> O }		—	
		Zinc lactate, dihydrate	Zn(CH <sub>3</sub> ·COO) <sub>2</sub> ·2H <sub>2</sub> O }		—	
		Zinc carbonate	ZnCO <sub>3</sub> }		—	

(1) Note also that certain trace elements are permitted by virtue of Commission Regulation (EC) No. 2316/98 as referred to in Part IX of this Table.

*Status: This is the original version (as it was originally made).*

<i>Column 1</i> EEC No.	<i>Column 2</i> Element	<i>Column 3</i> Name of Additive	<i>Column 4</i> Chemical Formula	<i>Column 5</i> Kind of Animal permitted	<i>Column 6</i> Maximum Content of the Element mg/kg in Complete Feeding Stuffs	<i>Column 7</i> Conditions
		Zinc chloride, monohydrate	ZnCl <sub>2</sub> .H <sub>2</sub> O }	all animals	250 (total)	–
		Zinc oxide	ZnO }			Maximum content of lead 600 mg/kg
		Zinc Sulphate, heptahydrate	ZnSO <sub>4</sub> .7H <sub>2</sub> O }		–	
		Zinc sulphate, monohydrate	ZnSO <sub>4</sub> .H <sub>2</sub> O }		–	
E7	Molybdenum	Ammonium molybdate	(NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub> .4H <sub>2</sub> O }	all animals	2.5 (total)	–
	– Mo	Sodium molybdate	Na <sub>2</sub> MoO <sub>4</sub> .2H <sub>2</sub> O }			
E8	Selenium- Se	Sodium selenite	Na <sub>2</sub> SeO <sub>3</sub> }	all animals	0.5 (total)	–
		Sodium selenate	Na <sub>2</sub> SeO <sub>4</sub> }			

(1) Note also that certain trace elements are permitted by virtue of Commission Regulation (EC) No. 2316/98 as referred to in Part IX of this Table.

## PART VI

### AROMATIC AND APPETISING SUBSTANCES

<i>Column 1</i> EEC No.	<i>Column 2</i> Additives	<i>Column 3</i> Chemical Formula	<i>Column 4</i> Species or category of animal permitted	<i>Column 5</i> Maximum age	<i>Column 6</i> Maximum contents mg/kg of complete feeding stuffs
	<b>1.</b> All natural products and corresponding	–	All animals	–	–

**Status:** This is the original version (as it was originally made).

<i>Column 1</i> <i>EEC No.</i>	<i>Column 2</i> <i>Additives</i>	<i>Column 3</i> <i>Chemical Formula</i>	<i>Column 4</i> <i>Species or category of animal permitted</i>	<i>Column 5</i> <i>Maximum age</i>	<i>Column 6</i> <i>Maximum contents mg/kg of complete feeding stuffs</i>
	synthetic products				
	<b>2. Artificial substances:</b>				
	Saccharin	C <sub>7</sub> H <sub>5</sub> NO <sub>3</sub> S	Piglets	4 months	150
E954(i)	Calcium saccharin	C <sub>14</sub> H <sub>8</sub> CaN <sub>2</sub> O <sub>6</sub> S <sub>2</sub>	Piglets	4 months	150
E954(ii)	Sodium saccharin	C <sub>7</sub> H <sub>4</sub> NNaO <sub>3</sub> S	Piglets	4 months	150
E954(iii)	Neohesperidine	C <sub>28</sub> H <sub>36</sub> O <sub>15</sub>	Piglets	4 months	35
E959	Dihydrochalcone		Dogs		35
			Calves		30
			Ovines		30

## PART VII

### PERMITTED PRESERVATIVES()

#### CHAPTER A

<i>Column 1</i> <i>EEC No.</i>	<i>Column 2</i> <i>Name or Description</i>	<i>Column 3</i> <i>Chemical Formula</i>	<i>Column 4</i> <i>Conditions</i>
E200	Sorbic acid	C <sub>6</sub> H <sub>8</sub> O <sub>2</sub> }	
E201	Sodium sorbate	C <sub>6</sub> H <sub>7</sub> O <sub>2</sub> Na }	
E202	Potassium sorbate	C <sub>6</sub> H <sub>7</sub> O <sub>2</sub> K }	
E203	Calcium sorbate	C <sub>12</sub> H <sub>14</sub> O <sub>4</sub> Ca }	
E237	Sodium formate	CHO <sub>2</sub> Na }	
E238	Calcium formate	C <sub>2</sub> H <sub>2</sub> O <sub>4</sub> Ca }	
E260	Acetic acid	C <sub>2</sub> H <sub>4</sub> O <sub>2</sub> }	
E261	Potassium acetate	C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> K }	
E262	Sodium diacetate	C <sub>4</sub> H <sub>7</sub> O <sub>4</sub> Na }	
E263	Calcium acetate	C <sub>4</sub> H <sub>6</sub> O <sub>4</sub> Ca }	
E270	Lactic acid	C <sub>3</sub> H <sub>6</sub> O <sub>3</sub> }	



<i>Column 1</i> EEC No.	<i>Column 2</i> Name or Description	<i>Column 3</i> Chemical Formula	<i>Column 4</i> Conditions
E280	Propionic acid	C <sub>3</sub> H <sub>6</sub> O <sub>2</sub> }	
E281	Sodium propionate	C <sub>3</sub> H <sub>5</sub> O <sub>2</sub> Na }	All feeding stuffs
E282	Calcium propionate	C <sub>6</sub> H <sub>10</sub> O <sub>4</sub> Ca }	
E283	Potassium propionate	C <sub>3</sub> H <sub>5</sub> O <sub>2</sub> K }	
E284	Ammonium propionate	C <sub>3</sub> H <sub>9</sub> O <sub>2</sub> N }	
E295	Ammonium formate	CH <sub>5</sub> O <sub>2</sub> N }	
E296	DL-Malic acid	C <sub>4</sub> H <sub>6</sub> O <sub>5</sub> }	
E297	Fulmaric acid	C <sub>4</sub> H <sub>4</sub> O <sub>4</sub> }	
E325	Sodium lactate	C <sub>3</sub> H <sub>5</sub> O <sub>3</sub> Na }	
E326	Potassium lactate	C <sub>3</sub> H <sub>5</sub> O <sub>3</sub> K }	
E327	Calcium lactate	C <sub>6</sub> H <sub>10</sub> O <sub>6</sub> Ca }	
E330	Citric acid	C <sub>6</sub> H <sub>8</sub> O <sub>7</sub> }	
E331	Sodium citrates	- }	
E332	Potassium citrates	- }	
E333	Calcium citrates	- }	
E334	L-Tartaric acid	C <sub>4</sub> H <sub>6</sub> O <sub>6</sub> }	
E335	Sodium L-tartrates	- }	All feeding stuffs
E336	Potassium L-tartrates	- }	
E337	Potassium sodium L-tartrate	C <sub>4</sub> H <sub>4</sub> O <sub>6</sub> KNa.4H <sub>2</sub> O }	
E338	Orthophosphoric acid	H <sub>3</sub> PO <sub>4</sub> }	
E507	Hydrochloric acid	HCl }	for use in silage only
E513	Sulphuric acid	H <sub>2</sub> SO <sub>4</sub> }	

*Status: This is the original version (as it was originally made).*

### CHAPTER B

<i>Column 1</i> EEC No.	<i>Column 2</i> Name or Description	<i>Column 3</i> Chemical formula	<i>Column 4</i> Kind of animal permitted	<i>Column 5</i> Maximum content (mg/kg in complete feeding stuffs)	<i>Column 6</i> Minimum content (mg/kg in complete feeding stuffs)	<i>Column 7</i> Conditions
E222	Sodium hydrogensulphite (sodium bisulphate)	NaHSO <sub>3</sub>	Dogs and Cats	500 alone or together expressed as SO <sub>2</sub>		All feeding stuffs except unprocessed meat and fish
E223	Disodium disulphite (Sodium metabisulphate)	Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub>	Dogs and Cats	500 alone or together expressed as SO <sub>2</sub>		All feeding stuffs except unprocessed meat and fish
E250	Sodium nitrate	NaNO <sub>2</sub>	Dogs and Cats	100 (feeding stuffs with a moisture content exceeding 20% only)		
E214	Ethyl 4-hydroxybenzoate	C <sub>9</sub> H <sub>10</sub> O <sub>3</sub>	Pet animals	No limit	}	
E215	Sodium ethyl 4-hydroxybenzoate	C <sub>9</sub> H <sub>9</sub> O <sub>3</sub> Na	Pet animals	No limit	}	
E216	Propyl 4-hydroxybenzoate	C <sub>10</sub> H <sub>12</sub> O <sub>3</sub>	Pet animals	No limit	}	All feeding stuffs
E217	Sodium propyl 4-hydroxybenzoate	C <sub>10</sub> H <sub>11</sub> O <sub>3</sub> Na	Pet animals	No limit	}	
E218	Methyl 4-hydroxybenzoate	C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>	Pet animals	No limit	}	
E219	Sodium methyl 4-hydroxybenzoate	C <sub>8</sub> H <sub>7</sub> O <sub>3</sub> Na	Pet animals	No limit	}	All feeding stuffs
E490	Propan-1,2-diol	C <sub>3</sub> H <sub>8</sub> O <sub>2</sub>	Dogs	53000	}	

(1) Note also that one preservative is permitted by virtue of Commission Regulation (EC) No. 1594/1999 as referred to in Part IX of this Table.

<i>Column 1</i> <i>EEC No.</i>	<i>Column 2</i> <i>Name or</i> <i>Description</i>	<i>Column 3</i> <i>Chemical</i> <i>formula</i>	<i>Column 4</i> <i>Kind of</i> <i>animal</i> <i>permitted</i>	<i>Column 5</i> <i>Maximum</i> <i>content</i> <i>(mg/kg in</i> <i>complete</i> <i>feeding</i> <i>stuffs)</i>	<i>Column 6</i> <i>Minimum</i> <i>content</i> <i>(mg/kg in</i> <i>complete</i> <i>feeding</i> <i>stuffs)</i>	<i>Column 7</i> <i>Conditions</i>
E240	Formaldehyde	CH <sub>2</sub> O	All species of animals	No limit (For silage only)		
			Pigs up to the age of six months	600 (skimmed milk only)		
E285	Methylpropionic acid	C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>	Ruminants at the beginning of rumination	4,000	1000	

(1) Note also that one preservative is permitted by virtue of Commission Regulation (EC) No. 1594/1999 as referred to in Part IX of this Table.

### PART VIII

#### PERMITTED ACIDITY REGULATORS FOR PET FOODS FOR DOGS AND CATS

<i>Column 1</i> <i>EEC No.</i>	<i>Column 2</i> <i>Additive</i>
E170	Calcium carbonate
E296	DL-and L-Malic acid
–	Ammonium dihydrogen orthophosphate
–	Diammonium hydrogen orthophosphate
E339(i)	Sodium dihydrogen orthophosphate
E339(ii)	Disodium hydrogen orthophosphate
E339(iii)	Trisodium orthophosphate
E340(i)	Potassium dihydrogen orthophosphate
E340(ii)	Dipotassium hydrogen orthophosphate
E340(iii)	Tripotassium orthophosphate
E341(i)	Calcium tetrahydrogen diorthophosphate
E341(ii)	Calcium hydrogen orthophosphate
E350(i)	Sodium malate (Salt of DL -or L-Malic Acid)
E450(a)(i)	Disodium dihydrogen diphosphate
E450(a)(iii)	Tetrasodium diphosphate
E450(a)(iv)	Tetrapotassium diphosphate

**Status:** This is the original version (as it was originally made).

<i>Column 1</i> <i>EEC No.</i>	<i>Column 2</i> <i>Additive</i>
E450(b)(i)	Pentasodium triphosphate
E450(b)(ii)	Pentapotassium triphosphate
E500(i)	Sodium carbonate
E500(ii)	Sodium hydrogen carbonate
E500(iii)	Sodium sesquicarbonate
E501(ii)	Potassium hydrogen carbonate
E503(i)	Ammonium carbonate
E503(ii)	Ammonium hydrogen carbonate
E507	Hydrochloric acid
E510	Ammonium chloride
E513	Sulphuric acid
E524	Sodium hydroxide
E525	Potassium hydroxide
E526	Calcium hydroxide
E529	Calcium oxide
E540	Dicalcium diphosphate

## PART IX

### EUROPEAN COMMUNITY REGULATIONS BY WHICH ADDITIVES ARE CONTROLLED(3).

Commission Regulation (EC) No. 2316/98 concerning authorisation of new additives and amending the conditions for authorisation of a number of additives already authorised in feedingstuffs.(4)

Commission Regulation (EC) No. 2785/98 concerning the modification of the period of authorisations of additives referred to in Article 9(e)(3) of Council Directive 70/524/EEC.(5)

Commission Regulation (EC) No. 1594/1999 amending the conditions for the authorisation of an additive in feedingstuffs.(6)

Commission Regulation (EC) No. 2439/1999 on the conditions for authorisation of additives belonging to the group “binders anti-caking agents and coagulants” in feedingstuffs.(7)

Commission Regulation (EC) No. 654/2000 concerning the authorisation of new additives, new additive uses and new additive preparations in feeding stuffs(8).

(3) Certain of the listed Regulations relate to categories of additive of kinds which also include additives which are controlled by the Additives Directive, and which are thus listed in the relevant Part of Parts I to VIII of the Table to this Schedule (e.g. the preservative formic acid is covered by Regulation 1594/1999 (above), whereas certain other preservatives are covered by Part VII of the Table).

(4) OJ No. L289, 28.10.98, p.4.

(5) OJ No. L347, 23.12.98, p.21.

(6) OJ No. L188, 21.7.1999, p.35.

(7) OJ No. L297, 18.11.1999, p.8.

(8) OJ No. L79, 30.3.2000, p.26.

Commission Regulation (EC) No. 1353/2000 concerning the permanent authorisation of an additive and the provisional authorisation of new additives, new additive uses and new preparations in feedingstuffs.(9)

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(9) OJ No. L155, 28.6.2000, p.15.