SCHEDULE 1 Regulation 2(1)

Method of calculating the energy value of compound feeds

The energy value of compound poultry, ruminant and pig feeds and feeding stuffs intended for particular nutritional purposes for cats and dogs shall be calculated in accordance with the relevant formulae set out below, on the basis of the percentages of certain analytical components of the feed. After application of these formulae, the results shall be given to one decimal place.

Poultry feeds: megajoules (MJ) of metabolisable energy (ME), nitrogen corrected, per kilogram of compound feed.

MJ of ME/kg of feed = 0.1551 × % protein[(1)] + 0.3431 × % oil[(2)] + 0.1669 × % starch[(3)] + 0.1301 × % total sugar (expressed as sucrose)[(4)].

Ruminant feeds: megajoules (MJ) of metabolisable energy (ME) per kilogram of dry matter in the compound feed.

MJ of ME/kg of dry matter = 0.14 × % Neutral detergent Cellulase plus Gamanase Digestibility[(5)] + 0.25 × % oil[(2)].

Pig feeds: megajoules (MJ) of digestible energy (DE) per kilogram of dry matter in the compound feed.

MJ of DE/kg of dry matter = 17.47 + 0.079 × % protein[(1)] + 0.158 × % oil[(2)]— 0.331 × % ash[(6)]— 0.140 Neutral Detergent plus Amylase Fibre[(5)].

Feeding stuffs intended for particular nutritional purposes for cats and dogs: megajoules (MJ) of metabolisable energy (ME) per kilogram of compound dog or cat food.

(a) cat and dog foods with the exception of cat foods having a moisture content exceeding 14%:

MJ of ME/kg of food = 0.1464 × % protein[(1)] + 0.3556 × % oils and fats[(2)] + 0.1464 × % nitrogen-free extract;

(b) cat foods having a moisture content exceeding 14%:

MJ of ME/kg of cat food = (0.1632 × % protein + 0.3222 × % oils and fats— [(2)] + 0.1255 × % nitrogen-free extract) — 0.2092;

where in either case the percentage of nitrogen-free extract is calculated by subtracting from 100 the total of the percentages of moisture[(7)], ash[(6)], protein[(1)], oils and fats[(2)] and fibre[(8)].

NB Where the results of analysis are to be given on a dry matter basis, this may be achieved by analysing either the dried material, or fresh material and correcting for the moisture content.

(1) Determined by the method of analysis for protein specified in Point 2 of Annex 1 to Directive 72/199/EC(**1**).

NB For pig feed the results must be corrected to 100% dry matter.

(2) Determined by the appropriate procedure set out in the method of analysis for oils and fats specified in Part IV of the Annex to Directive 71/393/EEC(**2**).

NB In ruminant and pig feeds the result must be corrected to 100% dry matter.

(**1**) O.J. No. L123, 29.5.72, p. 6 (O.J./SE 1966-1972 supplement, p. 74). Point 2 of Annex 1 has been replaced entirely by the Annex to Directive 93/28/EC (O.J. No. L179, 22.7.93, p. 8)

(**2**) O.J. No. L279, 20.12.71, p. 7 (O.J./SE 1971(III), p. 987). Part IV was entirely replaced by Annex 1 to Directive 84/4/EEC (O.J. No. L15, 18.1.84, p. 28). That Annex was in turn replaced entirely by Part B of the Annex to Directive 98/64/EC (O.J. No. L257, 19.9.98, p. 14)

(3) Determined by the method of analysis for starch specified in Point 1 of Annex 1 to Directive 72/199/EC(**3**).

(4) Determined by the method of analysis for sugar specified in Point 12 of the Annex to Directive 71/250/EEC(**4**).

(5) Determined by the method detailed in the booklet "Prediction of Energy Values of Compound Feeding Stuffs for Farm Animals" (published by the Ministry of Agriculture, Fisheries and Food Publications, London SE99 7JT).

(6) Determined by the method of analysis for ash specified in Point 5 of the Annex to Directive 71/250/EEC(**5**).

NB The result must be corrected to 100% dry matter.

(7) Determined by the method of analysis for moisture specified in Part I of the Annex to Directive 71/393/EEC(**6**).

(8) Determined by the method of analysis for fibre specified in Point 3 of Annex 1 to Directive 73/46/EEC(**7**).

SCHEDULE 2

Regulations 2(1) and 10 and Schedule 4 Part I paragraphs 7 and 20

Control of Feed Materials

Part I

Principal processes used for the preparation of the feed materials listed in Part II of this Schedule

	Process	*Definition*	*Common name or term*
(1)	(2)	(3)	(4)
1	Concentration[(1)]	Increase in certain contents by removing water or other constituents	Concentrate

(1) In German 'Konzentrieren' may be replaced by 'Eindicken' where appropriate, in which case the common qualifier should be 'eingedickt'.
(2) 'Decortication' may be replaced by 'dehulling' or 'dehusking' where appropriate, in which case the common qualifier should be 'dehulled' or 'dehusked.'
(3) In French the name 'issues' may be used.
(4) In French 'Pressage' may be replaced by 'Exraction mécanique' where appropriate.
(5) Where appropriate the word 'expeller' may be replaced by 'cake'.
(6) In German the qualifier 'aufgeschlossen' and the name 'Quellwasser' (referring to starch) may be used.

(**3**) O.J. No. L123, 29.5.72, p. 6 (O.J./SE 1966-1972 supplement, p. 74) (as replaced entirely by the Annex to Directive 1999/79/EC (O.J. No. L209, 7.8.1999, p. 23))
(**4**) O.J. No. L155, 12.7.71, p. 13 (O.J./SE 1971(II), p. 480) as corrected by a corrigendum published in July 1975 (consolidated edition of corrigenda to the first series of specified editions of EC legislation (1952 to 1972))
(**5**) O.J. No. L155, 12.7.71, p. 13 (O.J./SE 1971(II), p. 480)
(**6**) O.J. No. L279, 20.12.71, p. 7 (O.J./SE 1971(III), p. 987) as amended by Article 1 of Directive 73/47/EEC (O.J. No. L83, 30.3.73, p. 35)
(**7**) O.J. No. L83, 30.3.73, p. 21. Point 3 of Annex 1 has been replaced entirely by the Annex to Directive 92/89/EEC (O.J. No. L344, 26.11.92, p. 35)

(1)	*Process* (2)	*Definition* (3)	*Common name or term* (4)
2	Decortication[(2)]	Complete or partial removal of outer layers from grains, seeds, fruits nuts and others	Decorticated, partially decorticated
3	Drying	Dehydration by artificial or natural processes	Dried (sun or artificially)
4	Extraction	Removal either by organic solvent of fat or oil from certain materials or by aqueous solvent of sugar or other water-soluble components. In the case of the use of organic solvent, the resulting product must be technically free of such solvent	Extracted (in the case of oil-containing materials), molasses, pulp (in the case of products containing sugar or other water-soluble components)
5	Extrusion	Pressing of material through an orifice under pressure. (See also pregelatinisation)	Extruded
6	Flaking	Rolling of moist heat-treated material	Flakes
7	Flour milling	Physical processing of grain to reduce particle size and facilitate separation into constituent fractions (principally flour, bran and middlings)	Flour, bran, middlings[(3)], feed
8	Heating	General term covering a number of heat treatments carried out under specific conditions to influence the nutritional value	Toasted, cooked, heat treated

(1) In German ‘Konzentrieren’ may be replaced by ‘Eindicken’ where appropriate, in which case the common qualifier should be ‘eingedickt’.
(2) ‘Decortication’ may be replaced by ‘dehulling’ or ‘dehusking’ where appropriate, in which case the common qualifier should be ‘dehulled’ or ‘dehusked.’
(3) In French the name ‘issues’ may be used.
(4) In French ‘Pressage’ may be replaced by ‘Exraction mécanique’ where appropriate.
(5) Where appropriate the word ‘expeller’ may be replaced by ‘cake’.
(6) In German the qualifier ‘aufgeschlossen’ and the name ‘Quellwasser’ (referring to starch) may be used.

(1)	*Process* (2)	*Definition* (3)	*Common name or term* (4)
		or the structure of the material	
9	Hydrogenation	Transformation of unsaturated glycerides into saturated glycerides (of oils and fats)	Hardened, partially hardened
10	Hydrolysis	Breakdown into simpler chemical constituents by appropriate treatment with water and possibly either enzymes or acid/alkali	Hydrolysed
11	Pressing(4)	Removal by mechanical extraction (by a screw or other type of press), with or without a slight heating, of fat/oil from oil-rich materials or of juice from fruits or other vegetable products	Expeller(5) (in case of oil-containing materials) Pulp, pomace (in case of fruits, etc.) Pressed pulp (in case of sugar-beet)
12	Pelleting	Special shaping by compression through a die	Pellet, pelleted
13	Pregelatinisation	Modification of starch to improve markedly its swelling properties in cold water	Pregelatinised(6), puffed
14	Refining	Complete or partial removal of impurities in sugars, oils, fats and other natural materials by chemical/ physical treatment	Refined, partially refined
15	Wet-milling	Mechanical separation of the component	Germ, gluten, starch

(1) In German ‘Konzentrieren’ may be replaced by ‘Eindicken’ where appropriate, in which case the common qualifier should be ‘eingedickt’.
(2) ‘Decortication’ may be replaced by ‘dehulling’ or ‘dehusking’ where appropriate, in which case the common qualifier should be ‘dehulled’ or ‘dehusked.’
(3) In French the name ‘issues’ may be used.
(4) In French ‘Pressage’ may be replaced by ‘Exraction mécanique’ where appropriate.
(5) Where appropriate the word ‘expeller’ may be replaced by ‘cake’.
(6) In German the qualifier ‘aufgeschlossen’ and the name ‘Quellwasser’ (referring to starch) may be used.

	Process	*Definition*	*Common name or term*
(1)	(2)	(3)	(4)
		parts of kernel/grain, sometimes after steeping in water, with or without sulphur dioxide, for the extraction of starch	
16	Crushing	Mechanical processing of grain or other feed materials to reduce their size	Crushed, crushing
17	Desugaring	Complete or partial removal of mono- and disaccharides from molasses and other material containing sugar by chemical or physical means	Desugared, partially desugared

(1) In German ‘Konzentrieren’ may be replaced by ‘Eindicken’ where appropriate, in which case the common qualifier should be ‘eingedickt’.
(2) ‘Decortication’ may be replaced by ‘dehulling’ or ‘dehusking’ where appropriate, in which case the common qualifier should be ‘dehulled’ or ‘dehusked.’
(3) In French the name ‘issues’ may be used.
(4) In French ‘Pressage’ may be replaced by ‘Exraction mécanique’ where appropriate.
(5) Where appropriate the word ‘expeller’ may be replaced by ‘cake’.
(6) In German the qualifier ‘aufgeschlossen’ and the name ‘Quellwasser’ (referring to starch) may be used.

Part II

Non-exclusive list of the main feed materials

Introductory Notes

Feed materials are listed and named in this Part according to the following criteria:

— the origin of the product/by-product used, for example vegetable, animal, mineral;

— the part of the product/by-product used, for example whole, seeds, tubers, bones;

— the processing to which the product/by-product has been subjected, for example decortication, extraction, heating and/or the resulting product/by-product, for example flakes, bran, pulp, fat;

— the maturity of the product/by-product and/or the quality of the product/by-product, for example ‘low in glucosinolate’, ‘rich in fat’, ‘low in sugar’.

1.

CEREAL GRAINS, THEIR PRODUCTS AND BY-PRODUCTS

Number	*Name*	*Description*	*Compulsory declarations*
(1)	(2)	(3)	(4)
1.01	Oats	Grains of *Avena sativa* L. and other cultivars of oats	
1.02	Oat flakes	Product obtained by steaming and rolling dehusked oats. It may contain a small proportion of oat husks	Starch
1.03	Oat middlings	By-product obtained during the processing of screened, dehusked oats into oat groats and flour. It consists principally of oat bran and some endosperm	Fibre
1.04	Oat hulls and bran	By-product obtained during the processing of screened oats into oat groats. It consists principally of oat hulls and bran	Fibre
1.05	Barley	Grains of *Hordeum vulgare* L.	
1.06	Barley middlings	By-product obtained during the processing of screened, dehusked barley into pearl barley, semolina or flour	Fibre
1.07	Barley protein	Dried by-product of starch production from barley. It consists	Protein Starch

(1) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Roggennachmehl’.
(2) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Weizennachmehl’.
(3) If this ingredient has been subjected to a finer milling the word ‘fine’ may be added to the name or the name may be replaced by a corresponding denomination.
(4) Products containing more than 40% starch may be named as ‘rich in starch’. They may be referred to in German as ‘Maisnachmehl’.
(5) This name may be replaced by ‘corn gluten feed’.
(6) This name may be replaced by ‘extruded maize starch’.
(7) The name may be supplemented by the grain species.
(8) This name may be replaced by ‘distillers’ dried grains and solubles’. The name may be supplemented by the grain species.

Number	*Name*	*Description*	*Compulsory declarations*
(1)	(2)	(3)	(4)
		principally of protein obtained from starch separation	
1.08	Rice, broken	By-product of preparation of polished or glazed rice *Oryza sativa* L. It consists principally of undersized and/or broken grains	Starch
1.09	Rice bran (brown)	By-product of the first polishing of dehusked rice. It consists principally of particles of the aleurone layer, endosperm and germ	Fibre
1.10	Rice bran (white)	By-product of the polishing of dehusked rice. It consists principally of particles of the aleurone layer, endosperm and germ	Fibre
1.11	Rice bran with calcium carbonate	By-product of the polishing of dehusked rice. It consists principally of silvery skins, particles of the aleurone layer, endosperm and germ; it contains varying amounts of calcium carbonate resulting from the polishing process	Fibre Calcium carbonate
1.12	Fodder meal of parboiled rice	By-product of the polishing of dehusked pre-cooked rice. It	Fibre Calcium carbonate

(1) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Roggennachmehl’.
(2) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Weizennachmehl’.
(3) If this ingredient has been subjected to a finer milling the word ‘fine’ may be added to the name or the name may be replaced by a corresponding denomination.
(4) Products containing more than 40% starch may be named as ‘rich in starch’. They may be referred to in German as ‘Maisnachmehl’.
(5) This name may be replaced by ‘corn gluten feed’.
(6) This name may be replaced by ‘extruded maize starch’.
(7) The name may be supplemented by the grain species.
(8) This name may be replaced by ‘distillers’ dried grains and solubles’. The name may be supplemented by the grain species.

Number	*Name*	*Description*	*Compulsory declarations*
(1)	(2)	(3)	(4)
		consists principally of silvery skins, particles of the aleurone layer, endosperm, germ; it contains varying amounts of calcium carbonate resulting from the polishing process	
1.13	Ground fodder rice	Product obtained by grinding fodder rice, consisting either of green, chalky or unripe grains, sifted out during the milling of husked rice, or of normal dehusked grains which are yellow or spotted	Starch
1.14	Rice germ expeller	By-product of oil manufacture, obtained by pressing of the germ of rice to which parts of the endosperm and testa still adhere	Protein Fat Fibre
1.15	Rice germ, extracted	By-product of oil manufacture obtained by extraction of the germ of rice to which parts of the endosperm and testa still adhere	Protein
1.16	Rice starch	Technically pure rice starch	Starch
1.17	Millet	Grains of *Panicum miliaceum* L.	

(1) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Roggennachmehl’.
(2) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Weizennachmehl’.
(3) If this ingredient has been subjected to a finer milling the word ‘fine’ may be added to the name or the name may be replaced by a corresponding denomination.
(4) Products containing more than 40% starch may be named as ‘rich in starch’. They may be referred to in German as ‘Maisnachmehl’.
(5) This name may be replaced by ‘corn gluten feed’.
(6) This name may be replaced by ‘extruded maize starch’.
(7) The name may be supplemented by the grain species.
(8) This name may be replaced by ‘distillers’ dried grains and solubles’. The name may be supplemented by the grain species.

Number	*Name*	*Description*	*Compulsory declarations*
(1)	(2)	(3)	(4)
1.18	Rye	Grains of *Secale cereale* L.	
1.19	Rye middlings(1)	By-product of flour manufacture, obtained from screened rye. It consists principally of particles of endosperm, with fine fragments of the outer skins and some grain waste	Starch
1.20	Rye feed	By-product of flour manufacture, obtained from screened rye. It consists principally of fragments of the outer skins, and of particles of grain from which less of the endosperm has been removed than in rye bran	Starch
1.21	Rye bran	By-product of flour manufacture, obtained from screened rye. It consists principally of fragments of the outer skins, and of particles of grain from which most of the endosperm has been removed	Fibre
1.22	Sorghum	Grains of *Sorghum bicolor* (L.) *Moench s.l.*	
1.23	Wheat	Grains of *Triticum aestivum* (L.), *Triticum*	

(1) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Roggennachmehl’.
(2) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Weizennachmehl’.
(3) If this ingredient has been subjected to a finer milling the word ‘fine’ may be added to the name or the name may be replaced by a corresponding denomination.
(4) Products containing more than 40% starch may be named as ‘rich in starch’. They may be referred to in German as ‘Maisnachmehl’.
(5) This name may be replaced by ‘corn gluten feed’.
(6) This name may be replaced by ‘extruded maize starch’.
(7) The name may be supplemented by the grain species.
(8) This name may be replaced by ‘distillers’ dried grains and solubles’. The name may be supplemented by the grain species.

Number	*Name*	*Description*	*Compulsory declarations*
(1)	(2)	(3)	(4)
		durum Desf. and other cultivars of wheat	
1.24	Wheat middlings(2)	By-product of flour manufacture, obtained from screened grains of wheat or dehusked spelt. It consists principally of particles of endosperm with fine fragments of the outer skins and some grain waste	Starch
1.25	Wheat feed	By-product of flour manufacture, obtained from screened grains of wheat or dehusked spelt. It consists principally of fragments of the outer skins and of particles of grain from which less of the endosperm has been removed than in wheat bran	Fibre
1.26	Wheat bran(3)	By-product of flour manufacture, obtained from screened grains of wheat or dehusked spelt. It consists principally of fragments of the outer skins and of particles of grain from which the greater part of the endosperm has been removed	Fibre

(1) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Roggennachmehl’.
(2) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Weizennachmehl’.
(3) If this ingredient has been subjected to a finer milling the word ‘fine’ may be added to the name or the name may be replaced by a corresponding denomination.
(4) Products containing more than 40% starch may be named as ‘rich in starch’. They may be referred to in German as ‘Maisnachmehl’.
(5) This name may be replaced by ‘corn gluten feed’.
(6) This name may be replaced by ‘extruded maize starch’.
(7) The name may be supplemented by the grain species.
(8) This name may be replaced by ‘distillers’ dried grains and solubles’. The name may be supplemented by the grain species.

Number	*Name*	*Description*	*Compulsory declarations*
(1)	(2)	(3)	(4)
1.27	Wheat germ	By-product of flour milling consisting essentially of wheat germ, rolled or otherwise, to which fragments of endosperm and outer skin may still adhere	Protein Fat
1.28	Wheat gluten	Dried by-product of the manufacture of wheat starch. It consists principally of gluten obtained during the separation of starch	Protein
1.29	Wheat gluten feed	By-product of the manufacture of wheat starch and gluten. It is composed of bran, from which the germ has been partially removed or not, and gluten, to which very small amounts of the components of the screening of the grain as well as very small amounts of residues of the starch hydrolysis process may be added	Protein Starch
1.30	Wheat starch	Technically pure starch obtained from wheat	Starch
1.31	Pre-gelatinised wheat starch	Product consisting of wheat starch largely expanded by heat treatment	Starch
1.32	Spelt	Grains of spelt *Triticum spelta* L.,	

(1) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Roggennachmehl’.
(2) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Weizennachmehl’.
(3) If this ingredient has been subjected to a finer milling the word ‘fine’ may be added to the name or the name may be replaced by a corresponding denomination.
(4) Products containing more than 40% starch may be named as ‘rich in starch’. They may be referred to in German as ‘Maisnachmehl’.
(5) This name may be replaced by ‘corn gluten feed’.
(6) This name may be replaced by ‘extruded maize starch’.
(7) The name may be supplemented by the grain species.
(8) This name may be replaced by ‘distillers’ dried grains and solubles’. The name may be supplemented by the grain species.

Number	*Name*	*Description*	*Compulsory declarations*
(1)	(2)	(3)	(4)
		Tricicum dioccum Schrank, Triticum monococcum	
1.33	Triticale	Grains of *triticum X secale* hybrid	
1.34	Maize	Grains of *Zea mays* L.	
1.35	Maize middlings(4)	By-product of the manufacture of flour or semolina from maize. It consists principally of fragments of the outer skins and of particles of grain from which less of the endosperm has been removed than in maize bran	Fibre
1.36	Maize bran	By-product of the manufacture of flour or semolina from maize. It consists principally of outer skins and some maize germ fragments, with some endosperm particles	Fibre
1.37	Maize germ expeller	By-product of oil manufacture, obtained by pressing of dry or wet processed maize germ to which parts of the endosperm and testa may still adhere	Protein Fat
1.38	Maize germ, extracted	By-product of oil manufacture, obtained by extraction of dry or	Protein

(1) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Roggennachmehl’.
(2) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Weizennachmehl’.
(3) If this ingredient has been subjected to a finer milling the word ‘fine’ may be added to the name or the name may be replaced by a corresponding denomination.
(4) Products containing more than 40% starch may be named as ‘rich in starch’. They may be referred to in German as ‘Maisnachmehl’.
(5) This name may be replaced by ‘corn gluten feed’.
(6) This name may be replaced by ‘extruded maize starch’.
(7) The name may be supplemented by the grain species.
(8) This name may be replaced by ‘distillers’ dried grains and solubles’. The name may be supplemented by the grain species.

Number	*Name*	*Description*	*Compulsory declarations*
(1)	(2)	(3)	(4)
		wet processed maize germ to which parts of the endosperm and testa may still adhere	
1.39	Maize gluten feed(5)	By-product of the wet manufacture of maize starch. It is composed of bran and gluten, to which the broken maize obtained from screening at an amount no greater than 15% of the product and/ or the residues of the steeping liquor used for the production of alcohol or other starch-derived products, may be added. The product may also include residues from the oil extraction of maize germs obtained also by a wet process	Protein Starch Fat, if >4.5%
1.40	Maize gluten	Dried by-product of the manufacture of maize starch. It consists principally of gluten obtained during the separation of the starch	Protein
1.41	Maize starch	Technically pure starch obtained from maize	Starch
1.42	Pre-gelatinised maize starch(6)	Product consisting of maize starch largely expanded by heat treatment	Starch

(1) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Roggennachmehl’.
(2) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Weizennachmehl’.
(3) If this ingredient has been subjected to a finer milling the word ‘fine’ may be added to the name or the name may be replaced by a corresponding denomination.
(4) Products containing more than 40% starch may be named as ‘rich in starch’. They may be referred to in German as ‘Maisnachmehl’.
(5) This name may be replaced by ‘corn gluten feed’.
(6) This name may be replaced by ‘extruded maize starch’.
(7) The name may be supplemented by the grain species.
(8) This name may be replaced by ‘distillers’ dried grains and solubles’. The name may be supplemented by the grain species.

Number	*Name*	*Description*	*Compulsory declarations*
(1)	(2)	(3)	(4)
1.43	Malt culms	By-product of malting, consisting mainly of dried rootlets of germinated cereals	Protein
1.44	Brewers' dried grains	By-product of brewing obtained by drying residues of malted and unmalted cereals and other starchy products	Protein
1.45	Distillers' dried grains(7)	By-product of alcohol distilling obtained by drying solid residues of fermented grain	Protein
1.46	Distillers' dark grains(8)	By-product of alcohol distilling obtained by drying solid residues of fermented grain to which pot ale syrup or evaporated spent wash has been added	Protein

(1) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Roggennachmehl’.
(2) Products containing more than 40% starch may be qualified as ‘rich in starch’. They may be referred to in German as ‘Weizennachmehl’.
(3) If this ingredient has been subjected to a finer milling the word ‘fine’ may be added to the name or the name may be replaced by a corresponding denomination.
(4) Products containing more than 40% starch may be named as ‘rich in starch’. They may be referred to in German as ‘Maisnachmehl’.
(5) This name may be replaced by ‘corn gluten feed’.
(6) This name may be replaced by ‘extruded maize starch’.
(7) The name may be supplemented by the grain species.
(8) This name may be replaced by ‘distillers’ dried grains and solubles’. The name may be supplemented by the grain species.

2.

OIL SEEDS, OIL FRUITS, THEIR PRODUCTS AND BY-PRODUCTS

2.01	Groundnut, partially decorticated, expeller	By-product of oil manufacture, obtained by pressing of partially decorticated groundnuts *Arachis hypogaea* L. and other species of *Arachis*. (Maximum fibre	Protein Fat Fibre

(1) Where appropriate the indication ‘low in glucosinolate’ may be added. ‘Low in glucosinolate’ has the meaning given in Community legislation.
(2) The name must be supplemented by the plant species.

		content 16% in the dry matter)	
2.02	Groundnut, partially decorticated, extracted	By-product of oil manufacture obtained by extraction of partially decorticated grounds. (Maximum fibre content 16% in the dry matter)	Protein Fibre
2.03	Groundnut, decorticated, expeller	By-product of oil manufacture, obtained by pressing of decorticated groundnuts	Protein Fat Fibre
2.04	Groundnut, decorticated, extracted	By-product of oil manufacture, obtained by extraction of decorticated grounds	Protein Fibre
2.05	Rape seed(1)	Seeds of rape *Brassica napus* L. ssp. *oleifera* (Metzg.) Sinsk., of Indian sarson *Brassica napus* L. Var. *Glauca* (Roxb.) O.E. Schulz and of rape *Brassica napa* ssp. *oleifera* (Metzg.) Sinsk. (Minimum botanical purity 94%)	
2.06	Rape seed, expeller(1)	By-product of oil manufacture, obtained by extraction of seeds of rape. (Minimum botanical purity 94%)	Protein Fat Fibre
2.07	Rape seed, extracted(1)	By-product of oil manufacture, obtained by extraction of seeds of rape. (Minimum botanical purity 94%)	Protein
2.08	Rape seed hulls	By-product obtained during dehulling of rape seeds	Fibre
2.09	Safflower seed, partially decorticated, extracted	By-product of oil manufacture, obtained by extraction of partially decorticated	Protein Fibre

(1) Where appropriate the indication ‘low in glucosinolate’ may be added. ‘Low in glucosinolate’ has the meaning given in Community legislation.
(2) The name must be supplemented by the plant species.

		seeds of safflower *Carthamus tinctorius* L.	
2.10	Copra expeller	By-product of oil manufacture, obtained by pressing the dried kernel (endosperm) and outer husk (tegument) of the seed of the coconut palm *Cocos nucifera* L.	Protein Fat Fibre
2.11	Copra, extracted	By-product of oil manufacture, obtained by extraction of the dried kernel (endosperm) and outer husk (tegument) of the seed of the coconut palm	Protein
2.12	Palm kernel expeller	By-product of oil manufacture, obtained by pressing of palm kernels *Elaeis guineensis* Jacq. *Corozo oleifera* (HBK) L. H. Bailey (*Elaeis melanocca auct*.) from which as much as possible of the hard shell has been removed	Protein Fibre Fat
2.13	Palm kernel, extracted	By-product of oil manufacture, obtained by extraction of palm kernels from which as much as possible of the hard shell has been removed	Protein Fibre
2.14	Soya (bean), toasted	Soya beans (*Glycine max.* L. Merr.) subjected to an appropriate heat treatment. (Urease activity maximum 0.4 mg N/g × min.)	
2.15	Soya (bean), extracted, toasted	By-product of oil manufacture, obtained	Protein

(1) Where appropriate the indication ‘low in glucosinolate’ may be added. ‘Low in glucosinolate’ has the meaning given in Community legislation.
(2) The name must be supplemented by the plant species.

		from soya beans after extraction and appropriate heat treatment. (Urease activity maximum 0.4mg N/g × min.)	Fibre, if >8%
2.16	Soya (bean), dehulled, extracted, toasted	By-product of oil manufacture, obtained from dehulled soya beans after extraction and appropriate heat treatment. (Maximum fibre content 8% in the dry matter). (Urease activity maximum 0.5mg N/g × min.)	Protein
2.17	Soya (bean) protein concentrate	Product obtained from dehulled, fat extracted soya beans, subjected to a second extraction to reduce the level of nitrogen-free extract	Protein
2.18	Vegetable oil(2)	Oil obtained from plants	Moisture, if >1%.
2.19	Soya (bean) hulls	By-product obtained during dehulling of soya beans	Fibre
2.20	Cotton seed	Seeds of cotton *Gossypium* spp. from which the fibres have been removed	Protein Fibre Fat
2.21	Cotton seed, partially decorticated, extracted	By-product of oil manufacture, obtained by extraction of seeds of cotton from which the fibres and part of the husks have been removed. (Maximum fibre 22.5% in the dry matter.)	Protein Fibre
2.22	Cotton seed expeller	By-product of oil manufacture, obtained by pressing of seeds of cotton from which	Protein Fibre Fat

(1) Where appropriate the indication ‘low in glucosinolate’ may be added. ‘Low in glucosinolate’ has the meaning given in Community legislation.
(2) The name must be supplemented by the plant species.

		the fibres have been removed	
2.23	Niger seed expeller	By-product of oil manufacture, obtained by pressing of seeds of the niger plant *Guizotia abyssinica* (Lf) Cass. (Ash insoluble in HC1: maximum 3.4%)	Protein Fat Fibre
2.24	Sunflower seed	Seeds of the sunflower *Helianthus annuus* L.	
2.25	Sunflower seed, extracted	By-product of oil manufacture, obtained by extraction of seeds of the sunflower	Protein
2.26	Sunflower seed, partially decorticated, extracted	By-product of oil manufacture, obtained by extraction of seeds of the sunflower from which part of the husks has been removed. (Maximum fibre 27.5% in the dry matter)	Protein Fibre
2.27	Linseed	Seeds of linseed *Linum usitatissimum* L. (Minimum botanical purity 93%)	
2.28	Linseed expeller	By-product of oil manufacture, obtained by pressing of linseed. (Minimum botanical purity 93%)	Protein Fat Fibre
2.29	Linseed, extracted	By-product of oil manufacture, obtained by extraction of linseed. (Minimum botanical purity 93%)	Protein
2.30	Olive pulp	By-product of oil manufacture, obtained by extraction of pressed olives *Olea europea* L. separated as far as possible from parts of the kernel	Protein Fibre

(1) Where appropriate the indication ‘low in glucosinolate’ may be added. ‘Low in glucosinolate’ has the meaning given in Community legislation.
(2) The name must be supplemented by the plant species.

2.31	Sesame seed expeller	By-product of oil manufacture, obtained by pressing of seeds of the sesame plant *Sesamum indicum* L. (Ash insoluble in HCl: maximum 5%)	Protein Fibre Fat
2.32	Cocoa bean, partially decorticated, extracted	By-product of oil manufacture, obtained by extraction of dried and roasted cocoa beans *Theobroma cacao* L. from which part of the husks has been removed	Protein Fibre
2.33	Cocoa husks	Teguments of the dried and roasted beans of *Theobroma cacao* L.	Fibre

(1) Where appropriate the indication 'low in glucosinolate' may be added. 'Low in glucosinolate' has the meaning given in Community legislation.
(2) The name must be supplemented by the plant species.

3.

LEGUME SEEDS, THEIR PRODUCTS AND BY-PRODUCTS

3.01	Chick peas	Seeds of *Cicer arietinum* L.	
3.02	Guar meal, extracted	By-product obtained after extraction of the mucilage from seeds of *Cyanopsis tetragonoloba* (L.) Taub	Protein
3.03	Ervil	Seeds of *Ervum ervilia* L.	
3.04	Chickling vetch(1)	Seeds of *Lathyrus sativus* L. submitted to an appropriate heat treatment	
3.05	Lentils	Seeds of *Lens culinaris* a.o. Medik	
3.06	Sweet lupins	Seeds of *Lupinus* spp. Low in bitter seed content	
3.07	Beans, toasted	Seeds of *Phaseolus* or *Vigna* spp. submitted	

(1) This name must be supplemented by an indication of the nature of the heat treatment.

		to an appropriate heat treatment to destroy toxic lectines	
3.08	Peas	Seeds of *Pisum* spp.	
3.09	Pea middlings	By-product obtained during the manufacture of pea-flour. It consists principally of particles of cotyledon, and to a lesser extent, of skins	Protein Fibre
3.10	Pea bran	By-product obtained during the manufacture of pea meal. It is composed mainly of skins removed during the skinning and cleaning of peas	Fibre
3.11	Horse beans	Seeds of *Vicia faba* L. spp. *faba* var. *equina Pers.* and var. *minuta* (Alef.) Mansf.	
3.12	Monantha vetch	Seeds of *Vicia monanthos* Desf.	
3.13	Vetches	Seeds of *Vicia sativa* L. var. *sativa* and other varieties	

(1) This name must be supplemented by an indication of the nature of the heat treatment.

4.

TUBERS, ROOTS, THEIR PRODUCTS AND BY-PRODUCTS

4.01	(Sugar) beet pulp	By-product of the manufacture of sugar, consisting of extracted and dried pieces of sugar beet *Beta vulgaris* L. ssp. *vulgaris* var. *altissima* Doell. (Maximum content of ash insoluble in HCl: 4.5% of dry matter)	Content of ash insoluble in HCl, if >3.5% of dry matter. Total sugar calculated as sucrose, if >10.5%

(1) This name may be replaced by ‘sucrose’.
(2) This name may be replaced by ‘tapioca’.
(3) This name may be replaced by ‘tapioca starch’.

4.02	(Sugar) beet molasses	By-product consisting of the syrupy residue collected during the manufacture or refining of beet sugar	Total sugar calculated as sucrose. Moisture, if >28%
4.03	(Sugar) beet pulp, molassed	By-product of the manufacture of sugar comprising dried sugar-beet pulp, to which molasses have been added. (Maximum content of ash insoluble in HCl: 4.5% of dry matter)	Total sugar calculated as sucrose. Content of ash insoluble in HC1, if >3.5% of dry matter
4.04	(Sugar) beet vinasse	By-product obtained after the fermentation of beet molasses in the production of alcohol, yeast, citric acid and other organic substances	Protein Moisture, if >35%
4.05	(Beet) sugar(1)	Sugar extracted from sugar beet	Sucrose
4.06	Sweet potato	Tubers of *Ipomoea batatas* (L.) Poir, regardless of their presentation	Starch
4.07	Manioc(2)	Roots of *Manibot esculenta* Crantz, regardless of their presentation. (Maximum content of ash insoluble in HCl: 4.5% of dry matter)	Starch Content of ash insoluble in HCl, if >3.5% of dry matter
4.08	Manioc starch(3), puffed	Starch obtained from manioc roots, greatly expanded by appropriate heat treatment	Starch
4.09	Potato pulp	By-product of the manufacture of potato starch (*Solanum tuberosum* L.)	
4.10	Potato starch	Technically pure potato starch	Starch

(1) This name may be replaced by ‘sucrose’.
(2) This name may be replaced by ‘tapioca’.
(3) This name may be replaced by ‘tapioca starch’.

4.11	Potato protein	Dried by-product of starch manufacture composed mainly of protein substances obtained after the separation of starch	Protein
4.12	Potato flakes	Product obtained by rotary drying of washed, peeled or unpeeled steamed potatoes	Starch Fibre
4.13	Potato juice condensed	By-product of the manufacture of potato starch from which proteins and water have been partly removed	Protein Ash
4.14	Pre-gelatinised potato starch	Product consisting of potato starch largely solubilised by heat treatment	Starch

(1) This name may be replaced by ‘sucrose’.
(2) This name may be replaced by ‘tapioca’.
(3) This name may be replaced by ‘tapioca starch’.

5.

OTHER SEEDS AND FRUITS, THEIR PRODUCTS AND BY-PRODUCTS

5.01	Carob pods	Product obtained by crushing the dried fruits (pods) of the carob tree *Ceratonia seliqua* L., from which the locust beans have been removed	Fibre
5.02	Citrus pulp	By-product obtained by pressing citrus fruit *Citrus* ssp. during the production of citrus juice	Fibre
5.03	Fruit pulp(1)	By-product obtained by pressing pomaceous or stone fruit during the production of fruit juice	Fibre

(1) The name may be supplemented by the fruit species.

5.04	Tomato pulp	By-product obtained by pressing tomatoes *Solanum lycopersicum* Karst. during the production of tomato juice	Fibre
5.05	Grape pips, extracted	By-product obtained during the extraction of oil from grape pips	Fibre, if >45%
5.06	Grape pulp	Grape pulp dried rapidly after the extraction of alcohol from which as much as possible of the stalks and pips have been removed	Fibre, if >25%
5.07	Grape pips	Pips extracted from grape pulps, from which the oil has not been removed	Fat Fibre, if >45%

(1) The name may be supplemented by the fruit species.

6.

FORAGES AND ROUGHAGE

6.01	Lucerne meal[(1)]	Product obtained by drying and milling young lucerne *Medicago sativa* L. and *Medicago* var. *Martyn.* It may contain up to 20% young clover or other forage crops dried and milled at the same time as the lucerne	Protein Fibre Ash insoluble in HC1, if >3.5% of dry matter
6.02	Lucerne pomace	Dried by-product obtained by pressing of the juice from lucerne	Protein
6.03	Lucerne protein concentrate	Product obtained by artificially drying fractions of lucerne	Carotene Protein

1. The term ‘meal’ may be replaced by ‘pellets’. The method of drying may be added to the name.
2. The species of forage crop may be added to the name.
3. The cereal species must be indicated in the name.
4. The name must be supplemented by an indication of the nature of the chemical treatment carried out.

		press juice, which has been centrifuged and heat treated to precipitate the proteins	
6.04	Clover meal(1)	Product obtained by drying and milling young clover *Trifolium* spp. It may contain up to 20% young lucerne or other forage crops dried and milled at the same time as the clover	Protein Fibre Ash insoluble in HC1, if >3.5% of dry matter
6.05	Grass meal(1)(2)	Product obtained by drying and milling young forage plants	Protein Fibre Ash insoluble in HC1, if >3.5% of dry matter
6.06	Cereals straw(3)	Straw of cereals	
6.07	Cereals straw, treated(4)	Product obtained by an appropriate treatment of cereals straw	Sodium, if treated with NaOH

1. The term ‘meal’ may be replaced by ‘pellets’. The method of drying may be added to the name.
2. The species of forage crop may be added to the name.
3. The cereal species must be indicated in the name.
4. The name must be supplemented by an indication of the nature of the chemical treatment carried out.

7.

OTHER PLANTS, THEIR PRODUCTS AND BY-PRODUCTS

7.01	(Sugar) cane molasses	By-product consisting of the syrupy residue collected during the manufacture or refining of sugar from sugar cane *Saccharum officianrum* L.	Total sugar calculated as sucrose Moisture, if >30%
7.02	(Sugar) cane vinasse	By-product obtained after the fermentation of cane molasses in the production of alcohol, yeast, citric acid or other organic substances	Protein Moisture, if >35%

(1) This name may be replaced by ‘sucrose’.

7.03	(Cane) sugar[1]	Sugar extracted from sugar cane	Sucrose
7.04	Seaweed meal	Product obtained by drying and crushing seaweed, in particular brown seaweed. This product may have been washed to reduce the iodine content	Ash

(1) This name may be replaced by ‘sucrose’.

8.

MILK PRODUCTS

8.01	Skimmed-milk powder	Product obtained by drying milk from which most of the fat has been separated	Protein Moisture, if >5%
8.02	Buttermilk powder	Product obtained by drying the liquid which remains after butter churning	Protein Fat Lactose Moisture, if >6%
8.03	Whey powder	Product obtained by drying the liquid which remains after cheese, quark and casein making or similar processes	Protein Lactose Moisture, if >8% Ash
8.04	Whey powder, low in sugar	Product obtained by drying whey from which the lactose has been partly removed	Protein Lactose Moisture, if >8% Ash
8.05	Whey protein powder[1]	Product obtained by drying the protein compounds extracted from whey or milk by chemical or physical treatment	Protein Moisture, if >8%
8.06	Casein powder	Product obtained from skimmed or buttermilk by drying casein	Protein Moisture, if >10%

(1) This name may be replaced by ‘milk albumin powder’.

		precipitated by means of acids or rennet	
8.07	Lactose powder	The sugar separated from milk or whey by purification and drying	Lactose Moisture, if >5%

(1) This name may be replaced by ‘milk albumin powder’.

9.

LAND ANIMAL PRODUCTS

9.01	Meat meal(1)	Product obtained by heating, drying and grinding whole or parts of warm-blooded land animals from which the fat may have been partially extracted or physically removed. The product must be substantially free of hooves, horn, bristle, hair and feathers, as well as digestive tract content (minimum protein content 50% in dry matter). (Maximum total phosphorus content: 8%)	Protein Fat Ash Moisture, if >8%
9.02	Meat-and-bone meal(1)	Product obtained by heating, drying and grinding whole or parts of warm-blooded land animals from which the fat may have been partially extracted or physically removed. The product must be substantially free of hooves, horn, bristle, hair and feathers, as well as digestive tract content	Protein Fat Ash Moisture, if >8%
9.03	Bone meal	Product obtained by heating, drying and finely grinding bones of warm-blooded	Protein Ash

(1) Products containing more than 13% fat in the dry matter must be qualified as ‘rich in fat’
(2) This name may be supplemented by a more accurate description of the type of animal fat depending on its origin or production process (tallow, lard, bone fat, etc.).

		land animals from which the fat has been largely extracted or physically removed. The product must be substantially free of hooves, horn, bristle, hair and feathers, as well as digestive tract content	Moisture, if >8%
9.04	Greaves	Residual product of the manufacture of tallow, lard and other extracted or physically removed fats of animal origin	Protein Fat Moisture, if >8%
9.05	Poultry meal(1)	Product obtained by heating, drying and grinding by-products from slaughtered poultry. The product must be substantially free of feathers	Protein Fat Ash Ash insoluble in HC1 >3.3% Moisture, if >8%
9.06	Feather meal, hydrolysed	Product obtained by hydrolysing, drying and grinding poultry feathers	Protein Ash insoluble in HC1 >3.4% Moisture, if >8%
9.07	Blood meal	Product obtained by drying the blood of slaughtered warm-blooded animals. The product must be substantially free of foreign matter	Protein Moisture, if >8%
9.08	Animal fat(2)	Product composed of fat from warm-blooded land animals	Moisture, if >1%

(1) Products containing more than 13% fat in the dry matter must be qualified as ‘rich in fat’
(2) This name may be supplemented by a more accurate description of the type of animal fat depending on its origin or production process (tallow, lard, bone fat, etc.).

10.

FISH, OTHER MARINE ANIMALS, THEIR PRODUCTS AND BY-PRODUCTS

10.01	Fish meal(1)	Product obtained by processing whole or parts of fish from which part of the oil may have been removed and to which fish solubles may have been re-added	Protein Fat Ash, if >20% Moisture, if >8%
10.02	Fish solubles, condensed	Product obtained during manufacture of fish meal which has been separated and stabilised by acidification or drying	Protein Fat Moisture, if >5%
10.03	Fish oil	Oil obtained from fish or parts of fish	Moisture if >1%
10.04	Fish oil, refined, hardened	Oil obtained from fish or parts of fish which has been refined and subjected to hydrogenation	Iodine number Moisture, if >1%

(1) Products containing more than 75% protein in the dry matter may be qualified as ‘rich in protein’.

11.

MINERALS

11.01	Calcium carbonate(1)	Product obtained by grinding sources of calcium carbonate, such as limestone, oyster or mussel shells, or by precipitation from acid solution	Calcium Ash insoluble in HC1 if >5%
11.02	Calcium and magnesium carbonate	Natural mixture of calcium carbonate and magnesium carbonate	Calcium Magnesium
11.03	Calcareous marine algae (Maerl)	Product of natural origin obtained from calcareous algae, ground or granulated	Calcium Ash insoluble in HC1 if >5%

(1) The nature of the source may be indicated additionally in the name or replace it.
(2) The manufacturing process may be included in the name.

11.04	Magnesium oxide	Technically pure magnesium oxide (MgO)	Magnesium
11.05	Magnesium sulphate	Technically pure magnesium sulphate ($MsSO_4.7H_2O$)	Magnesium Sulphur
11.06	Dicalcium phosphate(2)	Precipitated calcium monohydrogen phosphate from bones or inorganic sources ($CaHPO_4.xH_2O$)	Calcium Total phosphorus
11.07	Mono-dicalcium phosphate	Product obtained chemically and composed of equal parts of dicalcium phosphate and mono-calcium phosphate ($CaHPO_4$ - $Ca(H_2PO_4)_2.H_2O$)	Total phosphorus Calcium
11.08	Defluorinated rock phosphate	Product obtained by grinding purified and appropriately defluorinated natural phosphates	Total phosphorus Calcium
11.09	Degelatinised bone meal	Degelatinsed, sterilised and ground bones from which the fat has been removed	Total phosphorus Calcium
11.10	Monocalcium phosphate	Technically pure calcium-*bis* (dihydrogenphosphate) ($Ca(H_2PO_4)_2.xH_2O$)	Total phosphorus Calcium
11.11	Calcium-magnesium phosphate	Technically pure calcium-magnesium phosphate	Calcium Magnesium Total phosphorus
11.12	Mono-ammonium phosphate	Technically pure mono-ammonium phosphate ($NH_4H_2PO_4$)	Total nitrogen Total phosphorus
11.13	Sodium chloride(1)	Technically pure sodium chloride or product obtained by grinding natural sources of sodium	Sodium

(1) The nature of the source may be indicated additionally in the name or replace it.
(2) The manufacturing process may be included in the name.

		chloride, such as (rock) and (marine) salt	
11.14	Magnesium propionate	Technically pure magnesium propionate	Magnesium
11.15	Magnesium phosphate	Product consisting of technically pure (dibasic) magnesium phosphate ($MgHPO_4.xH_2O$)	Total phosphorus Magnesium
11.16	Sodium-calcium-magnesium phosphate	Product consisting of sodium-calcium-magnesium phosphate	Total phosphorus Magnesium Calcium Sodium
11.17	Mono-sodium phosphate	Technically pure mono-sodium phosphate ($NaH_2PO.H_2O$)	Total phosphorus Sodium
11.18	Sodium bicarbonate	Technically pure sodium bicarbonate ($NaHCO_3$)	Sodium

(1) The nature of the source may be indicated additionally in the name or replace it.
(2) The manufacturing process may be included in the name.

12.

MISCELLANEOUS

12.01	Bakery and pasta products and by-products[(1)]	Product or by-product obtained from the manufacture of bread, including fine bakers' wares, biscuits or pasta	Starch Total sugar calculated as sucrose
12.02	Confectionery products and by-products[(1)]	Product or by-product obtained from the manufacture of confectionery including chocolate	Total sugar calculated as sucrose
12.03	Products and by-products of pastry and ice-cream making[(1)]	Product or by-product obtained from the manufacture of pastry, cakes or ice-cream	Starch Total sugar expressed as sucrose Fat

(1) The name may be amended or supplemented to specify the agri-food process from which the feed material was obtained.
(2) The name may be supplemented by an indication of the salt obtained.

12.04	Fatty acids	By-product obtained during the deacidification, by means of lye or by distillation of oils and fats of unspecified vegetable or animal origin	Fat Moisture, if >1%
12.05	Salts of fatty acids(2)	Product obtained by saponification of fatty acids with calcium, sodium or potassium hydroxide	Fat Ca (or Na or K, when appropriate)

(1) The name may be amended or supplemented to specify the agri-food process from which the feed material was obtained.
(2) The name may be supplemented by an indication of the salt obtained.

Part III

Other Feed Materials

	Feed material (1)	*Compulsory declaration* (2)
1.	Cereal grains	
2.	Products and by-products of cereal grains	Starch, if >20% Protein, if >10% Fat, if >5% Fibre
3.	Oil seeds, oil fruits	
4.	Products and by-products of oil seeds, oil fruits	Protein, if >10% Fat, if >5% Fibre
5.	Legume seeds	
6.	Products and by-products of legume seeds	Protein, if >10% Fibre
7.	Tubers, roots	
8.	Products and by-products of tubers and roots	Starch Fibre

	Feed material (1)	*Compulsory declaration* (2)
		Ash insoluble in HC1, if >3.5%
9.	Other products and by-products of the sugar beet processing industry	Fibre, if >15% Total sugar, calculated as sucrose Ash insoluble in HC1, if >3.5%
10.	Other seeds and fruits, their products and by-products	Protein Fibre Fat, if >10%
11.	Forages and roughage	Protein, if >10% Fibre
12.	Other plants, their products and by-products	Protein, if >10% Fibre
13.	Products and by-products of the sugar cane processing industry	Fibre, if >15% Total sugar calculated as sucrose
14.	Milk products and by-products	Protein Moisture, if >5% Lactose, if >10%
15.	Land animal products	Protein, if >10% Fat, if >5% Moisture, if >8%
16.	Fish, other marine animals, their products and by-products	Protein, if >10% Fat, if >5% Moisture, if >8%
17.	Minerals	Relevant minerals
18.	Miscellaneous	Protein, if >10% Fibre Fat, if >10%

	Feed material (1)	*Compulsory declaration* (2)
		Starch, if >30% Total sugar, calculated as sucrose, if >10%

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 columns 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 columns 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 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.—(1) Any material may contain any added vitamin (not being vitamin A, D_2 or D_3) or any pro-vitamin or chemically well defined substance having a similar effect.

(2) No material may contain any added vitamin A, D_2 or D_3 unless—

(a) the material is for a species or 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.—(1) 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 into 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.

7. No material shall contain—

(a) any added aromatic or appetising substance named or described in column 2 of Part VI (or, as the case may be, columns 2 and 3 of that Part) which, taking account of any such substance which is naturally present, exceeds the maximum content (if any) specified in relation thereto in column 6 of that Part; or

(b) any added aromatic or appetising substance so named or described unless the material is for a species or category of animal listed 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.—(1) 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 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 columns 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(**8**), or in the relevant European Community Regulation specified in Part IX(**8**), 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

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

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

Part I

Permitted Antioxidants[1]

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*
E300	L-Ascorbic acid	$C_6H_8O_6$		All feeding stuffs
E301	Sodium L-ascorbate	$C_6H_7O_6Na$		All feeding stuffs
E302	Calcium Di(L-ascorbate)	$C_{12}H_{14}O_{12}Ca.2H_2O$		All feeding stuffs
E303	5,6 Diacetyl-L-ascorbic acid	$C_{10}H_{12}O_5$		All feeding stuffs
E304	6-Palmitoyl-L-ascorbic acid	$C_{22}H_{38}O_7$		All feeding stuffs
E306	Tocopherol-rich extracts of natural origin		All feeding stuffs	
E307	Synthetic *alpha*-tocopherol	$C_{29}H_{50}O_2$		All feeding stuffs
E308	Synthetic *gamma*-tocopherol	$C_{28}H_{48}O_2$		All feeding stuffs
E309	Synthetic *delta*-tocopherol	$C_{27}H_{46}O_2$		All feeding stuffs
E310	Propyl gallate	$C_{10}H_{12}O_5$	100 alone or together	All feeding stuffs
E311	Octyle gallate	$C_{15}H_{22}O_5$	100 alone or together	All feeding stuffs
E312	Dodecyl gallate	$C_{19}H_{30}O_5$	100 alone or together	All feeding stuffs

(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*
	1. Carotenoids and xanthophylls:				
E160c	Capsanthin	$C_{40}H_{56}O_3$	Poultry	80 (alone or with the other carotenoids and xanthophylls)	
E160e	Beta-apo-8'-carotenal	$C_{30}H_{40}O$	Poultry	80 (alone or with the other carotenoids and xanthophylls)	
E160f	Ethyl ester of beta-apo-8'-carotenoic acid	$C_{32}H_{44}O_2$	Poultry	80 (alone or with the other carotenoids and xanthophylls)	
E161b	Lutein	$C_{40}H_{56}O_2$	Poultry	80 (alone or with the other carotenoids and xanthophylls)	
E161c	Cryptoxanthin	$C_{40}H_{56}O$	Poultry	80 (alone or with the other carotenoids and xanthophylls)	
E161g	Canthaxanthin	$C_{40}H_{52}O_2$	(a) Poultry (b) Salmon, trout	(a) 80 (b) 30	Use permitted from the age of 6 months onwards. The mixture of canthaxanthin with astaxanthin is allowed provided that the total

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*
					concentration of the mixture does not exceed 100 mg/kg in the complete feeding stuff
			(c) Dogs, cats and ornamental fish	(c) —	—
E161h	Zeaxanthin	$C_{40}H_{56}O_2$	Poultry	80 (alone or with other carotenoids and xanthophylls)	
E161i	Citranaxanthin	$C_{33}H_{44}O$	Laying hens	80 (alone or with other carotenoids and xanthophylls)	
E161j	Astaxanthin	$C_{40}H_{52}O_4$	(a) Salmon trout	(a) 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 feeding stuff
			(b) Ornamental fish	(b) —	—

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*
	2. Other colourants:				
E102	Tartrazine	$C_{16}H_9N_4Na_3O_9S_2$	Ornamental fish	—	—
E110	Sunset yellow FCF	$C_{16}H_{10}N_2Na_2O_7S_2$	Ornamental fish	—	—
E124	Ponceau 4R	$C_{20}H_{11}N_2Na_3O_{10}S_3$	Ornamental fish	—	—
E127	Erythrosine	$C_{20}H_6I_4Na_2O_5.H_2O$	Ornamental fish	—	—
E131	Patent Blue V	Calcium salt of the disulphonic acid of m-hydroxytetra ethyl diamino triphenylcarbinol anhydride	(a) All species or categories of animals with the exception of dogs and cats	(a) —	Permitted in animal feedingstuffs only in products processed from: (i) waste products 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	(b) —	
E132	Indigotine	$C_{16}H_8N_2Na_2O_8S_2$	Ornamental fish	—	—

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*
E141	Chlorophyll copper complex	—	Ornamental fish	—	—
E142	Acid Brilliant Green BS, (Lissamine Green)	Sodium salt of 4,4'-bis (dimethylamino) diphenylmethy-lene-2-naphthol- 3,6-disulphonic acid	(a) All species or categories of animals with the exception of dogs, cats and ornamental fish	(a) —	Permitted in animal feeding stuffs only in products processed from: (i) waste products of foodstuffs, (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	(b) —	—
E153	Carbon black	C	Ornamental fish	—	—
E160B	Bixin	$C_{25}H_{30}O_4$	Ornamental fish	—	—
E172	Iron oxide, red	Fe_2O_3	Ornamental fish	—	—
	3. All colourants (other than	—	(a) All species or	(a) —	Permitted in animal feeding-

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*
	Patent Blue V and Acid Brilliant Green BS) at present permitted for use in human food by European Community legislation as implemented by Regulations made under the Food Safety Act (Northern Ireland) 1991(**9**)		categories of animals with the exception of dogs and cats		stuffs only in products processed from: (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	(a) —	—

(**9**) S.I.1991/762 (N.I. 7)

Part III

Permitted emulsifiers, stabilisers, thickeners and gelling agents

Chapter A

EEC No.	*Name or description*	*Conditions*
E322	Lecithins	All feeding stuffs
E400	Alginic acid	All feeding stuffs
E401	Sodium alginate	All feeding stuffs
E402	Potassium alginate	All feeding stuffs
E404	Calcium alginate	All feeding stuffs
E405	Propylene glycol alginate (propan-1,2-diol alginate)	All feeding stuffs
E406	Agar	All feeding stuffs
E407	Carrageenan	All feeding stuffs
E410	Locust bean gum (carob gum)	All feeding stuffs
E411	Tamarind seed flour	All feeding stuffs
E412	Guar gum (guar flour)	All feeding stuffs
E413	Tragacanth	All feeding stuffs
E414	Acacia (gum arabic)	All feeding stuffs
E415	Xanthan gum	All feeding stuffs
E420	D-Glucitol (sorbitol)	All feeding stuffs
E421	Mannitol	All feeding stuffs
E422	Glycerol	All feeding stuffs
E440	Pectins	All feeding stuffs
E460	Mycrocrystalline cellulose	All feeding stuffs
E460(ii)	Cellulose powder	All feeding stuffs
E461	Methylcellulose	All feeding stuffs
E462	Ethylcellulose	All feeding stuffs
E463	Hydroxypropylcellulose	All feeding stuffs
E464	Hydroxypropylmethylcellulose	All feeding stuffs
E465	Ethylmethylcellulose	All feeding stuffs
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,	All feeding stuffs

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

CHAPTER B

Column 1 *EEC No.*	*Column 2* *Name or Description*	*Column 3* *Kind of animal Permitted*	*Column 4* *Maximum Content (mg/kg in complete feeding stuff)*	*Column 5* *Conditions*
E403	Ammonium Alginate	All species of animals except aquarium fish		All feeding stuffs
E418	Gellan Gum (Polytetrasaccharide containing glucose, glucuronic acid and rhamonose (2:1:1) produced by *Pseudomonas elodea* (ATCC31466))	Dogs, Cats	No limit	Feeding stuffs with a moisture content exceeding 20%
E432	Polyoxyethylene (20) sorbitan monolaurate	All species of animals	5000 (alone or with other Polysorbates	Milk replacer feeds only
E433	Polyoxyethylene (20) sorbitan mono-oleate	All species of animals	5000 (alone or with other Polysorbates	Milk replacer feeds only
E434	Polyoxyethylene (20) sorbitan monopalmitate	All species of animals	5000 (alone or with other Polysorbates	Milk replacer feeds only
E435	Polyoxeyethylene (20) sorbitan monostearate	All species of animals	5000 (alone or with other Polysorbates	Milk replacer feeds only
E436	Polyoxyethylene (20) sorbitan tristearate	All species of animals	5000 (alone or with other Polysorbates	Milk replacer feeds only
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
E488	Polyoxyethylated glycerides of tallow fatty acids	Calves	5000	Milk replacer feeds only
E489	Ethers of polyglycerol and of alcohols	Calves	5000	Milk replacer feeds only

Column 1 *EEC No.*	*Column 2* *Name or Description*	*Column 3* *Kind of animal Permitted*	*Column 4* *Maximum Content (mg/ kg in complete feeding stuff)*	*Column 5* *Conditions*
	obtained by the reduction of oleic and palmitic acids			
E490	Propan-1, 2-diol	Dairy cows Calves	12000	All feeding stuffs
		Cattle for fattening	36000	All feeding stuffs
		Lambs	36000	All feeding stuffs
		Kids	36000	All feeding stuffs
		Swine	36000	All feeding stuffs
		Poultry	36000	All feeding stuffs
E496	Poly(ethylene glycol) 6000	All species of animals	300	
E497	Polyoxypropylene-polyoxyethylene polymers (M.W. 6800-9000)	All species of animals	50	All feeding stuffs
E498	Partial polyglycerol esters of polycondensed fatty acids of caster 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_2 AND D_3

Column 1 *EEC No.*	*Column 2* *Vitamin*	*Column 3* *Kind of animal permitted*	*Column 4* *Maximum content (international units per kilogram in complete feeding stuff) or of the daily ration*	*Column 5* *Conditions*
E672	A	Chickens for fattening	13500	All feeding stuffs except feeding stuffs for young animals
		Ducks for fattening	13500	All feeding stuffs except feeding stuffs for young animals
		Turkeys for fattening	13500	All feeding stuffs except feeding stuffs for young animals
		Lambs for fattening	13500	All feeding stuffs except feeding stuffs for young animals
		Pigs for fattening	13500	All feeding stuffs except feeding stuffs for young animals
		Bovines for fattening	13500	All feeding stuffs except feeding stuffs for young animals
		Calves for fattening	25000	Only milk replacers
		Other species of animals	—	All feeding stuffs

Column 1 *EEC No.*	*Column 2* *Vitamin*	*Column 3* *Kind of animal permitted*	*Column 4* *Maximum content (international units per kilogram in complete feeding stuff) or of the daily ration*	*Column 5* *Conditions*	
E670	D_2	Pigs	2000		
		Piglets	10000	In milk replacer feeds only	Simultaneous use of Vitamin D_2 and D_3 prohibited
or		Cattle	4000		
		Calves	10000	In milk replacer feeds only	Simultaneous use of Vitamin D_2 and D_3 prohibited
		Sheep	4000		
		Lambs	10000	In milk replacer feeds only	Simultaneous use of Vitamin D_2 and D_3 prohibited
		Horses	4000		
		Other species of animals except poultry and fish	2000		
E671	D_3	Pigs	2000		
		Piglets	10000	In milk replacer feeds only	Vitamin D_2 and D_3 prohibited
		Cattle	4000		
		Calves	10000	In milk replacer feeds only	Simultaneous use of Vitamin D_2 and D_3 prohibited
		Sheep	4000		
		Lambs	10000	In milk replacer feeds only	Simultaneous use of Vitamin D_2 and D_3 prohibited

Column 1 EEC No.	*Column 2 Vitamin*	*Column 3 Kind of animal permitted*	*Column 4 Maximum content (international units per kilogram in complete feeding stuff) or of the daily ration*	*Column 5 Conditions*
		Horses	4000	
		Chickens for fattening	5000	
		Turkeys	5000	
		Other poultry	3000	
		Fish	3000	
		Other species of animals	2000	

Part V

Trace Elements[1]

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*
E1	Iron-Fe	Ferrous carbonate	$FeCO_3$	all animals	1250 (total)	—
		Ferrous chloride, tetrahydrate	$FeCl_2.4H_2O$	all animals	1250 (total)	—
		Ferric chloride, hexahydrate	$FeCl_3.6H_2O$	all animals	1250 (total)	—
		Ferrous citrate, hexahydrate	$Fe_3(C_6H_5O_7)_2.6H_2O$	all animals	1250 (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

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*
		Ferrous fumarate	$FeC_4H_2O_4$	all animals	1250 (total)	—
		Ferrous lactate, trihydrate	$Fe(C_3H_5O_3)_2.3H_2O$	all animals	1250 (total)	—
		Ferric oxide	Fe_2O_3	all animals	1250 (total)	—
		Ferrous sulphate, monohydrate	$FeSO_4.H_2O$	1250 (total)	—	Permitted: (i) in denatured skimmed milk powder 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. — declaration of the amount of iron added, expressed

(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

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*
						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).
	Ferrous sulphate, hepta-hydrate	$FeSO_4.7H_2O$	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	

(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

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*
						provisions of Commission Regulations (EEC) No. 368/77 and (EEC) No. 443/77. — 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).
		Ferrous Chelate of Amino	Fe(x) 1-3.nH_2O (where (x)	all animals	—	—

(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

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*
		Acids hydrate	equals an anion of any amino acid derived from hydrolysed Soya Protein) Molecular weight not exceeding 1500			
E2	Iodine-I	Calcium iodate, hexahydrate	$Ca(IO_3)_2.6H_2O$	equines: fish; other species of animals	4 (total):	—
		Calcium iodate, anhydrous	$Ca(IO_3)_2$	equines: fish; other species of animals	20 (total)	—
		Sodium iodide	NaI	equines: fish; other species of animals	10 (total)	—
		Potassium iodide	KI	equines: fish; other species of animals	—	—
E3	Cobalt-Co	Cobaltous acetate, tetrahydrate	$Co(CH_3COO)_2.4H_2O$	all animals	10 (total)	
		Basic cobaltous carbonate, monohydrate	$2CoCO_3.3Co(OH)_2.H_2O$	all animals	10 (total)	
		Cobaltous chloride, hexahydrate	$CoCl_2.6H_2O$	all animals	10 (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

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*
		Cobaltous sulphate, heptahydrate	$CoSO_4.7H_2O$	all animals	10 (total)	
		Cobaltous sulphate, monohydrate	$CoSO_4.H_2O$	all animals	10 (total)	
		Cobaltous nitrate, hexahydrate	$Co(NO_3)_2.6H_2O$	all animals	10 (total)	
E4	Copper-Cu	Cupric acetate, monohydrate	$Cu(CH_3.COO)_2.H_2O$	Pigs for fattening:	175 (total)	—
			$CuCO_3.Cu(OH)_2.H_2O$	— up to 16 weeks	100 (total)	—
		Basic cupric carbonate, monohydrate	$CuCl_2.2H_2O$		35 (total)	—
			$Cu(C_3H_{10}NO_2S)_2$	— from 17th week to six months	35 (total)	—
		Cupric chloride, dihydrate	CuO		30 (total)	—
			$CuSO_4.5H_2O$	— over six months	50 (total)	—
		Cupric methionate		Breeding pigs:	15 (total)	—
		Cupric oxide		Calves:	35 (total)	—
		Cupric sulphate, pentahydrate		— milk replacers:		
				— other complete feeding stuffs:		
				Ovines:		

(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

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*
				Other species of animals:		
		Cupric sulphate, monohydrate Cupric sulphate, pentahydrate	$CuSO_4.H_2O$ $CuSO_4.5H_2O$	Pigs for fattening: — up 16 weeks — from 17th week to six months — over six months Breeding pigs: Ovines: Other species of animals with the exception of calves:	175 (total) 100 (total) 35 (total) 35 (total) 15 (total) 35 (total)	Denatured skimmed milk powder and compound feeding stuffs manufactured from denatured skimmed milk powder: — Subject to the relevant provisions of Commission Regulations (EEC) No. 368/77 and (EEC) No. 443/77. — Declaration of the amount of copper added, expressed as the element on the label or package or the container of

(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

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*
						denatured skimmed milk powder.
	Manganese-Mn	Manganous carbonate	$MnCO_3$	all animals	250 (total)	—
		Manganous chloride, tetrahydrate	$MnCl_2.4H_2O$	all animals	250 (total)	—
		Manganous hydrogen phosphate, trihydrate	$MnHPO_4.3H_2O$	all animals	250 (total)	—
		Manganous oxide	MnO	all animals	250 (total)	—
		Manganic oxide	Mn_2O_3	all animals	250 (total)	—
		Manganous sulphate, tetrahydrate	$MnSO_4.4H_2O$	all animals	250 (total)	—
		Manganous sulphate, monohydrate	$MnSO_4.H_2O$	all animals	250 (total)	—
E6	Zinc-Zn	Zinc lactate, trihydrate	$Zn(C_3H_5O_3)_2.3H_2O$	all animals	250 (total)	—
		Zinc acetate, dihydrate	$Zn(CH_3.COO)_2.2H_2O$	all animals	250 (total)	—
		Zinc carbonate	$ZnCO_3$	all animals	250 (total)	—
		Zinc chloride, monohydrate	$ZnCl_2.H_2O$	all animals	250 (total)	—
		Zinc oxide	ZnO	all animals	250 (total)	Maximum content of

(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

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*
						lead 600 mg/kg
		Zinc sulphate, heptahydrate	$ZnSO_4.7H_2O$	all animals	250 (total)	—
		Zinc sulphate, monohydrate	$ZnSO_4.H_2O$	all animals	250 (total)	—
E7	Molybdenum-Mo	Ammonium molybdate	$(NH_4)_6Mo_7O_{24}.4H_2O$	all animals	2.5 (total)	
		Sodium molybdate	$Na_2MoO_4.2H_2O$	all animals		—
E8	Selenium-Se	Sodium selenite	Na_2SeO_3	all animals	0.5 (total)	—
		Sodium selenate	Na_2SeO_4	all animals	0.5 (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						

Part VI

AROMATIC AND APPETISING SUBSTANCES

Column 1 EEC No.	*Column 2 Additives*	*Column 3 Chemical Formula*	*Column 4 Species or category of animal permitted*	*Column 5 Maximum age*	*Column 6 Maximum contents mg/kg of complete feeding stuff*
	1. All natural products and corresponding synthetic products	—	All animals	—	—
	2. Artificial substances:				

Column 1 EEC No.	*Column 2 Additives*	*Column 3 Chemical Formula*	*Column 4 Species or category of animal permitted*	*Column 5 Maximum age*	*Column 6 Maximum contents mg/kg of complete feeding stuff*
E954(i)	Saccharin	$C_7H_5NO_3S$	Piglets	Four months	150
E954(ii)	Calcium saccharin	$C_{14}H_8CaN_2O_6S_2$	Piglets	Four months	150
E954(iii)	Sodium saccharin	$C_7H_4NNaO_3S$	Piglets	Four months	150
E959	Neohesperidine dihydrochalcone	$C_{28}H_{36}O_{15}$	Piglets	Four months	35
			Dogs		35
			Calves		30
			Ovines		30

Part VII

Permitted Preservatives[1]

Chapter A

Column 1 EEC No.	*Column 2 Name or Description*	*Column 3 Chemical Formula*	*Column 4 Conditions*
E200	Sorbic acid	$C_6H_8O_2$	All feeding stuffs
E201	Sodium sorbate	$C_6H_7O_2Na$	All feeding stuffs
E202	Potassium sorbate	$C_6H_7O_2K$	All feeding stuffs
E203	Calcium sorbate	$C_{12}H_{14}O_4Ca$	All feeding stuffs
E237	Sodium formate	CHO_2Na	All feeding stuffs
E238	Calcium formate	$C_2H_2O_4Ca$	All feeding stuffs
E260	Acetic acid	$C_2H_4O_2$	All feeding stuffs
E261	Potassium acetate	$C_2H_3O_2K$	All feeding stuffs
E262	Sodium diacetate	$C_4H_7O_4Na$	All feeding stuffs
E263	Calcium acetate	$C_4H_6O_4Ca$	All feeding stuffs
E270	Lactic acid	$C_3H_6O_3$	All feeding stuffs
E280	Propionic acid	$C_3H_6O_2$	All feeding stuffs
E281	Sodium propionate	$C_3H_5O_2Na$	All feeding stuffs
E282	Calcium propionate	$C_6H_{10}O_4Ca$	All feeding stuffs

Column 1 *EEC No.*	*Column 2* *Name or Description*	*Column 3* *Chemical Formula*	*Column 4* *Conditions*
E283	Potassium propionate	$C_3H_5O_2K$	All feeding stuffs
E284	Ammonium propionate	$C_3H_9O_2N$	All feeding stuffs
E295	Ammonium formate	CH_5O_2N	All feeding stuffs
E296	DL-Malic acid	$C_4H_6O_5$	All feeding stuffs
E297	Fulmaric acid	$C_4H_4O_4$	All feeding stuffs
E325	Sodium lactate	$C_3H_5O_3Na$	All feeding stuffs
E326	Potassium lactate	$C_3H_5O_3K$	All feeding stuffs
E327	Calcium lactate	$C_6H_{10}O_6Ca$	All feeding stuffs
E330	Citric acid	$C_6H_8O_7$	All feeding stuffs
E331	Sodium citrates	—	All feeding stuffs
E332	Potassium citrates	—	All feeding stuffs
E333	Calcium citrates	—	All feeding stuffs
E334	L-Tartaric acid	$C_4H_6O_6$	All feeding stuffs
E335	Sodium L-tartrates	—	All feeding stuffs
E336	Potassium L-tartrates	—	All feeding stuffs
E337	Potassium sodium L-tartrate	$C_4H_4O_6KNa.4H_2O$	All feeding stuffs
E338	Orthophosphoric acid	H_3PO_4	All feeding stuffs
E507	Hydrochloric acid	HCl	for use in silage only
E513	Sulphuric acid	H_2SO_4	for use in silage only

Chapter B

Column 1 *EEC No.*	*Column 2* *Name or Description*	*Column 3* *Chemical formula*	*Column 4* *Kind of animal permitted*	*Column 5* *Maximum content (mg/kg in complete feeding stuff)*	*Column 6* *Minimum content (mg/kg in complete feeding stuff)*	*Column 7* *Conditions*
E222	Sodium hydrogensulphite (Sodium bisulphite)	$NaHSO_3$	Dogs and Cats	500 alone or together expressed as SO_2		All feeding stuffs except unprocessed meat and fish

(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.

Column 1 EEC No.	*Column 2 Name or Description*	*Column 3 Chemical formula*	*Column 4 Kind of animal permitted*	*Column 5 Maximum content (mg/kg in complete feeding stuff)*	*Column 6 Minimum content (mg/kg in complete feeding stuff)*	*Column 7 Conditions*
E223	Disodium disulphite (Sodium metabisulphite)	$Na_2S_2O_5$	Dogs and Cats	500 alone or together expressed as SO_2		All feeding stuffs except unprocessed meat and fish
E250	Sodium nitrite	$NaNO_2$	Dogs and Cats	100 (feeding stuffs with a moisture content exceeding 20% only)		
E214	Ethyl 4-hydroxybenzoate	$C_9H_{10}O_3$	Pet animals	No limit		All feeding stuffs
E215	Sodium ethyl 4-hydroxybenzoate	$C_9H_9O_3Na$	Pet animals	No limit		All feeding stuffs
E216	Propyl 4-hydroxybenzoate	$C_{10}H_{12}O_3$	Pet animals	No limit		All feeding stuffs
E217	Sodium propyl 4-hydroxybenzoate	$C_{10}H_{11}O_3Na$	Pet animals	No limit		All feeding stuffs
E218	Methyl 4-hydroxybenzoate	$C_8H_8O_3$	Pet animals	No limit		All feeding stuffs
E219	Sodium methyl 4-hydroxybenzoate	$C_8H_7O_3Na$	Pet animals	No limit		All feeding stuffs
E490	Propan- 1, 2-diol	$C_3H_8O_2$	Dogs	53,000		All feeding stuffs
E240	Formaldehyde	CH_2O	All species of animals Pigs up to the age of six months	No limit (for silage only) 600 (skimmed milk only)		
E285	Methylpropionic acid	$C_4H_8O_2$	Ruminants at the beginning	4,000	1,000	

(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.

Column 1 EEC No.	*Column 2 Name or Description*	*Column 3 Chemical formula*	*Column 4 Kind of animal permitted*	*Column 5 Maximum content (mg/kg in complete feeding stuff)*	*Column 6 Minimum content (mg/kg in complete feeding stuff)*	*Column 7 Conditions*
			of rumination			

(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

Column 1 EEC No.	*Column 2 Additive*
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
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

Column 1 *EEC No.*	*Column 2* *Additive*
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(**10**)

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 feeding stuffs(**11**)

Commission Regulation (EC) No. 2785/98 concerning the modification of the period of authorisation of additives referred to in Article 9(e)(3) of Council Directive 70/524/EEC(**12**)

Commission Regulation (EC) No. 1594/1999 amending the conditions for the authorisation of an additive in feeding stuffs(**13**)

Commission Regulation (EC) No. 2439/1999 on the conditions for authorisation of additives belonging to the group "binders, anti-caking agents and coagulants" in feeding stuffs(**14**)

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 feeding stuffs(**15**)

(**10**) Certain of the listed Regulations relate to categories of additive which also include additives 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. (eg. the preservative formic acid is covered by Regulation 1594/1999 (above), whereas certain other preservatives are covered by Part VII of the Table.)

(**11**) O.J. No. L289, 28.10.98, p. 4

(**12**) O.J. No. L347, 23.12.98, p. 21

(**13**) O.J. No. L188, 21.7.1999, p. 35

(**14**) O.J. No. L297, 18.11.1999, p. 8. The Annex to this Regulation is now replaced by the Annex to Regulation (EC) No. 739/2000 (O.J. No. L87, 8.4.2000, p. 14)

(**15**) O.J. No. L155, 28.6.2000, p. 15

SCHEDULE 4 Regulation 4

Contents of the statutory statement or other declaration (except for additives and premixtures not contained in feeding stuffs)

Part I

1.—(1) In the case of any feeding stuff, the name or trade name and address or registered office of the person responsible for the accuracy of the particulars referred to in this Schedule shall be contained in the statutory statement.

(2) The following particulars may be contained in the statutory statement—

(a) the identification mark or trade mark of the person responsible for the particulars referred to in this Schedule;

(b) the description or trade name of the material;

(c) the price of the material; and

(d) the country of origin or manufacture of the material.

2. Where any person sells, or otherwise puts into circulation, any feeding stuff to which there has been added in the course of manufacture or preparation for putting into circulation, an authorised additive of any of the kinds specified below (other than as an authorised intermediate product or an authorised medicated premix) and which is not excluded from application of the Additives Directive by Article 22 of that Directive, the following particulars shall be contained in the statutory statement—

(a) for antioxidants, colourants or preservatives—

(i) if the feeding stuff is a compound feeding stuff other than a pet food, the name of the additive;

(ii) if the feeding stuff is a pet food and it is not covered by paragraph (iii), the words "with antioxidant", "coloured with" or "colourant", or "preservative" or "preserved with", as appropriate, followed by the name of the additive; and

(iii) if the feeding stuff is a pet food, it is put up in a package having a net weight not exceeding 10 kilograms, its statutory statement contains a reference number by means of which the feeding stuff concerned may be identified, and its manufacturer supplies, on request, details of the name of the additive concerned,—

(aa) the particulars specified in paragraph (ii), or

(bb) the words "with antioxidant", "coloured with" or "preserved with", as appropriate, followed by (or by an appropriate extract from) the words "contains EEC permitted antioxidant(s) and colourant(s) and preservatives";

(b) for vitamin A, D or E, the name of the vitamin, and the active substance level (in the case of vitamin A or D) or the alpha-tocopherol level as acetate (in the case of vitamin E), whether naturally present or added, together in either case with an indication of the period during which that level will remain present but where more than one of these vitamins is present, either the period for each or only the shortest of such periods;

(c) for copper, the name of the additive and the total level of the element, whether naturally present or added;

(d) for enzymes—

(i) the names of the active constituents according to their enzymatic activities, as specified in the authorisation concerned;

(ii) the identification number allotted by the International Union of Biochemistry;

(iii) the activity units (expressed as activity units per kilogram or activity units per litre);

(iv) an indication of the period during which the activity units will remain present;

(v) an indication of any significant characteristics of the enzyme arising during manufacture, as specified in the authorisation concerned; and

(vi) the EC registration number;

(e) for micro-organisms—

(i) the identification of each strain, in accordance with the authorisation;

(ii) the file number of each strain;

(iii) the number of colony-forming units (expressed as CFU/kg);

(iv) the EC registration number;

(v) an indication of the period during which the colony-forming units will remain present; and

(vi) an indication of any significant characteristics of the micro-organisms arising during manufacture, as specified in the authorisation concerned;

3. In relation to the additives specified below, the following particulars may be contained in the statutory statement in addition to those required by paragraph 2—

(a) for trace elements other than copper (if the amount present can be determined by the method of analysis specified in Point 3 of the Annex to Directive 78/633/EEC(**16**) or by some other valid scientific method), the name of the additive and the total level of the element, whether naturally present or added; and

(b) for vitamins other than vitamins A, D and E, provitamins and substances having a similar chemical effect (if the amount present can be determined by any valid scientific method), the name of the additive, the active substance level, whether naturally present or added, and an indication of the period during which that level will remain present.

4. Any amount referred to—

(a) in paragraph 2(*c*), (3)(*a*) or 3(*b*) shall be expressed in milligrams per kilogram; and

(b) in paragraph 2(*b*) shall be expressed in million international units per kilogram, international units per kilogram, milligrams per kilogram or micrograms per kilogram, as appropriate.

5. By way of exception to paragraph 4(*a*), any amount referred to in paragraph 2(*c*), 3(*a*) or 3(*b*) may be expressed as a percentage by weight, unless the amount is less than 0.1% by weight, in which case it shall be expressed in milligrams per kilogram or micrograms per kilogram as appropriate.

6. The particulars required or permitted by paragraphs 2 or 3 to be included in the statutory statement may be accompanied (in the case of any additive not being an enzyme or a micro-organism) by the trade name or the EC registration number of any additive named therein.

7. Subject to paragraphs 8 to 11, in the case of any feed material which is sold, or otherwise put into circulation, by any person, the following particulars shall be contained in the statutory statement—

(a) in the case of any feed material of a kind specified in column (3) of Part II to Schedule 2—

(**16**) O.J. No. L206, 29.7.78, p. 63

(i) the corresponding name specified in column (2) of that Part (the inclusion of any word appearing in brackets in that column being optional); and

(ii) the particulars (if any) specified in relation to the feed material in the corresponding entry in column (4) of that Part;

(b) in the case of any feed material of a kind specified in column (1) of Part III to Schedule 2—

(i) its name or description there specified, or a name and description (other than one specified in that column, or in column (2) of Part II to that Schedule) sufficiently specific to indicate the nature of the material, and in conformity with the criteria specified in the Introductory Notes to Part II to that Schedule; and

(ii) the particulars specified in relation to the feed material in the corresponding entry in column (2) of Part III to that Schedule;

(c) in the case of any feed material—

(i) subject to regulation 5(5) as read with Article 6.4 of the Feed Materials Directive and the requirements of Article 8(b) of that Directive, which shall be observed where applicable, the words "feed material";

(ii) the moisture content of the feed material, if it exceeds 14% by weight of the feed material or, where a different percentage is specified in relation to that feed material in Part II or Part III to Schedule 2, if it exceeds that percentage;

(iii) the moisture content of the feed material, where it does not exceed the relevant percentage specified in paragraph (ii), but a purchaser requests that the moisture content be declared;

(iv) the level of ash insoluble in hydrochloric acid in the feed material, if that level exceeds 2.2% in the dry matter or, where a different percentage is specified in relation to that feed material in Part II or Part III to Schedule 2, if it exceeds that percentage;

(v) where any other feed material has been used to denature the feed material, the nature and quantity of the other feed material so used;

(vi) where any other feed material has been used to bind the feed material, the nature of the other feed material so used;

(vii) the net quantity of the feed material, expressed in units of mass in the case of any solid feed material and, in the case of any liquid feed material, in units of mass or volume;

(viii) where the feed material is part of a divided batch of feed materials, reference to the original batch; and

(ix) the name or business name, and the address or registered business address, of the person within the European Community responsible for the particulars specified in this sub-paragraph.

8. The particulars specified in paragraph 7(*a*)(ii) and (*b*)(ii) and (*c*)(ii) to (iv) shall not be required where—

(a) before the feed material concerned is supplied, the person to whom it is supplied notifies the supplier in writing that those particulars need not be supplied, or

(b) any feed material of animal or vegetable origin, fresh or preserved, and intended for pet animals, is supplied (in a quantity not exceeding 10 kg) directly to the final user thereof, by a person established in the United Kingdom.

9.—(1) In the case of any feed material which—

(a) originated in a country other than a member State or the United Kingdom, and

(b) is, for the first time, put into circulation in Northern Ireland and the European Community,

in the circumstances specified in the introductory paragraph of Article 6.2 of the Feed Materials Directive, provisional details of the particulars specified in paragraph 7(*a*)(ii), (*b*)(ii) and (*c*)(ii) to (iv) may be provided, if the requirements of sub-paragraph (2) are observed.

(2) The requirements of this sub-paragraph are observed if—

(a) the person responsible for giving those particulars gives notification in advance, of the impending arrival of the feed material in Northern Ireland, to the Department of Agriculture and Rural Development;

(b) the provisional details are accompanied by the following declaration in bold type—

"provisional data to be confirmed by ... ... (name and address of the laboratory instructed to carry out the analyses) regarding ... ... (reference number of the sample to be analysed) before ... ... date"; and

(c) the person responsible as aforesaid provides the final particulars in question to the person to whom the feed material is supplied, and to the Department of Agriculture and Rural Development within 10 days of its arrival in Northern Ireland;

(3) Where the requirements of sub-paragraph (2) are observed, it shall be the duty of the inspector concerned to notify the European Commission that, in relation to the feed material concerned, the provisional particulars concerned have been provided, and to inform the Commission of the nature of those particulars.

10.—(1) The particulars specified in paragraph 7 shall not be required in the case of any feed material of animal or vegetable origin, in its natural state, fresh or preserved, and which is not treated with an additive other than any preservative, if the feed material is provided by a farmer-producer to a breeder-user, both of whom carry on business in the United Kingdom.

(2) For the purposes of this paragraph, "farmer-producer" and "breeder-user" shall have the same meanings as in the Feed Materials Directive.

11.—(1) The particulars specified in paragraph 7(*a*)(ii), (*b*)(ii), and (*c*)(ii) to (vii) shall not be required in the case of any feed material which is a by-product of vegetable or animal origin derived from agro-industrial processing, and which has a moisture content greater than 50%.

(2) For the purposes of this paragraph, "agro-industrial processing" shall have the same meaning as in the Feed Materials Directive.

12.—(1) Where any person sells, or otherwise puts into circulation, any feed material comprising protein derived from mammalian tissue but containing no mammalian meat and bone meal, and intended for animals other than pet animals, the statutory statement shall contain the declaration specified in sub-paragraph (2).

(2) The declaration referred to in sub-paragraph (1) is—

"This feed material comprises protein derived from mammalian tissue the feeding of which to ruminants is prohibited".

13. Where any person sells, or otherwise puts into circulation, any feed material comprising or containing mammalian meat and bone meal, and intended for animals other than pet animals, the statutory statement shall contain the following declaration—

"This feed material comprises protein derived from mammalian tissue the feeding of which to ruminants, all other categories of farmed creatures and equine animals is prohibited".

14.—(1) Subject to sub-paragraph (2), in the case of any compound feeding stuff, the following particulars shall be contained in the statutory statement—

(a) the description "complete feeding stuff", "complementary feeding stuff", "mineral feeding stuff", "molassed feeding stuff", "complete milk replacer feed" or "complementary milk replacer feed" as appropriate;

(b) save where the feeding stuff is constituted from no more than three feed materials, and is clearly described by reference to its feed materials, either in the statutory statement or elsewhere on its package, label or container, the species or category of animal for which the feeding stuff is intended, and directions for the proper use of the feeding stuff, indicating the purpose for which it is intended; and

(c) as from 1st April 2001, the approval number allocated, in accordance with Article 5 of the Establishments Directive, to the establishment which manufactured the compound feeding stuff.

(2) In the case of—

(a) any pet food, the descriptions "complete pet food" and "complementary pet food" may be used instead of "complete feeding stuff" and "complementary feeding stuff" respectively; and

(b) any feeding stuff for pet animals other than dogs or cats, each of the descriptions "complete feeding stuff" and "complementary feeding stuff" may be replaced by either of the descriptions "compound feeding stuff" or "compound pet food", but in such a case the statutory statement shall comply with paragraph 16 and the provisions relating to complete feeding stuffs in Part II of this Schedule even if it would not otherwise be required to do so.

15. In the case of any compound feeding stuff, the following particulars shall be declared either in the statutory statement, or elsewhere on the package, label or container (in which case the statutory statement shall indicate where they are to be found)—

(a) the net quantity, expressed in the case of solid products in units of mass, and in the case of liquid products in units of mass or volume;

(b) the minimum storage life, which shall be expressed—

(i) in the case of microbiologically highly perishable feeding stuffs, by the words "use before . . ." followed by the appropriate date (day, month and year), and

(ii) in all other cases by the words "best before . . ." followed by the appropraite date (month and year),

except that, where an expiry date for a period is required to be declared by paragraph 2(*b*) or 3(*b*), and is earlier than the appropriate date otherwise required by this paragraph, that expiry date shall be used as the appropriate date; and

(c) the batch number if the date of manufacture is not declared.

16.—(1) In the case of any compound feeding stuff other than a whole grain mix, the statutory statement—

(a) shall include such declarations of the matters provided for in the columns of Part II of this Schedule, as must be included; and

(b) may include such declarations provided for in the columns of Part II of this Schedule, as may be included,

for consistency with Article 5 of the Compound Feeding Stuffs Directive.

(2) In the case of a whole grain mix, the statutory statement may include such of the declarations provided for in the columns of Part II of this Schedule, as may be included for consistency with Article 5 of the Compound Feeding Stuffs Directive.

17.—(1) In the case of any compound feeding stuff other than a whole grain mix, the moisture content shall be declared in the statutory statement if it exceeds the following levels—

milk replacer feeds and other compound feeding stuffs with a milk product content exceeding 40%	7%
mineral feeding stuffs containing no organic substances	5%
mineral feeding stuffs containing organic substances	10%
other compound feeding stuffs	14%

(2) In the case of a whole grain mix, or a compound feeding stuff with a moisture content not exceeding the limits stated in sub-paragraph (1), the moisture content may be declared in the statutory statement.

18.—(1) In the case of any compound feeding stuff for dogs or cats, all the feed materials shall be declared in the statutory statement.

(2) In the case of any compound feeding stuff for pet animals other than dogs and cats, the feed materials may be declared in the statutory statement, and in such case all the feed materials shall be declared.

(3) Subject to paragraph 26(2) and paragraph 3 of Chapter B of Schedule 9, feed materials declared in accordance with sub-paragraph (1) or (2) shall be declared either—

(a) by their specific names, with an indication of the amount of each feed material; or

(b) by their specific names in descending order by weight; or

(c) by categories, as described in Part I of Schedule 10, in descending order by weight;

and the use of one of those forms of declaration shall preclude the use of either of the others, save-

(i) where the declaration is by categories and any feed material belongs to none of the categories described in Part I of Schedule 10, in which case that feed material, designated by its specific name, shall be listed in order by weight in relation to the categories; or

(ii) where, in the case of any feeding stuff intended for a particular nutritional purpose, paragraph 26(2) and paragraph 3 of Chapter B of Schedule 9 require the declaration of any feed material by its specific name, in which case any feed material to which those provisions do not apply may be declared by reference to the category to which it belongs.

19.—(1) Subject to paragraph 26(2) and paragraph 3 of Chapter B of Schedule 9, in the case of any compound feeding stuff for animals other than pet animals, all the feed materials shall be declared in the statutory statement in descending order of weight, either by their specific names or by the names of the categories in Part II of Schedule 10 to which they belong.

(2) The use of either of these forms of declaration shall preclude the use of the other, save—

(i) where the declaration is by categories and any feed material belongs to none of the categories described in Part II of Schedule 10, in which case that feed material, designated by its specific name, shall be listed in order by weight in relation to the categories; or

(ii) where, in the case of any feeding stuff intended for a particular nutritional purpose, paragraph 26(2) and paragraph 3 of Chapter B of Schedule 9 require the declaration of any feed material by its specific name, in which case any feed material to which those provisions do not apply may be declared by reference to the category to which it belongs.

20. Where any declaration under paragraphs 18 or 19 is by specific names, any feed material described in column 3 of Part II of Schedule 2 shall be declared by the corresponding name specified in column 2 of that Part (the inclusion of any word appearing in brackets in that column being optional).

21. In the case of any compound feeding stuff having a level of ash insoluble in hydrochloric acid not exceeding the relevant level specified in regulation 16(1)(*a*) or, as the case may be, (*b*), that level may be declared in the statutory statement as a percentage of the feeding stuff as such.

22. In the case of any compound feeding stuff, the following particulars may be included in the statutory statement—

(a) if the manufacturer is not the person responsible for the labelling particulars, the name or business name and the address or registered business address of the manufacturer;

(b) an indication of the physical condition of the feeding stuff or the specific processing it has undergone; and

(c) the date of manufacture, expressed as follows—

"manufactured ... ... [days, months or years] before the minimum storage life expiry date indicated [place where indicated if not on statutory statement]".

23.—(1) In the case of any complementary feeding stuff which contains any additive in excess of the maximum content in relation to complete feeding stuffs specified for that additive in the relevant Part of Parts I to VIII of the Table to Schedule 3 or, as the case may be, in the relevant European Community Regulation specified in Part IX of that Table, and which is not covered by Article 22 of the Additives Directive, the instructions for use in the statutory statement shall state, according to the species and age of the animal, the maximum quantity in grams or kilograms of the feeding stuff which, under these Regulations, may be given per animal per day, and shall be so formulated that, when they are correctly followed, the final content of the additive in relation to complete feeding stuffs does not exceed the maximum so specified in relation to them.

(2) Sub-paragraph (1) shall not apply to any products delivered to manufacturers of compound feeding stuffs or to their suppliers.

24.—(1) In the particulars required or permitted by paragraphs 15 to 19 and 21 to be set out in the statutory statement—

(a) unless the paragraph in question specifies some other method of expression, the amounts shown shall be expressed in each case as a percentage of the weight of the feeding stuff; and

(b) phosphorus shall be expressed as "phosphorus P".

(2) An expression of an amount as being within a range of percentages set out in the statutory statement shall not be regarded as compliance with sub-paragraph (1).

25.—(1) Subject to sub-paragraph (2), in the case of any compound pet food, or of any feeding stuff intended for a particular nutritional purpose for animals other than pet animals, particular attention may be drawn in the statutory statement, or elsewhere on the package, label or container, to the presence or low content of one or more feed materials which are essential aspects of the characteristics of the feeding stuff.

(2) Where particular attention is drawn to the presence or low content of any feed material, as permitted by sub-paragraph (1), the minimum or maximum content, expressed in terms of the percentage by weight of that feed material shall be clearly indicated—

(a) opposite the statement which draws attention to that presence or low content;

(b) in the list of feed materials; or

(c) by mentioning that presence or low content and the percentage thereof (by weight) opposite the corresponding category of feed materials.

26.—(1) Subject to sub-paragraph (2), in the case of any feeding stuff intended for a particular nutritional purpose, the following particulars shall be contained in the statutory statement—

(a) the term "dietetic";

(b) a description of the feeding stuff;

(c) the particular nutritional purpose of the feeding stuff, as specified in column 1 of Chapter A of Schedule 9;

(d) the essential nutritional characteristics of the feeding stuff, as specified in column 2 of that Chapter;

(e) the declarations prescribed in column 4 of that Chapter;

(f) the declarations, if any, prescribed in column 6 of that Chapter;

(g) where any declarations prescribed in that column do not include a declaration that it is recommended that the prior opinion of a veterinarian be sought, the words "It is recommended that a specialist's opinion be sought before use"; and

(h) the recommended length of time for use of the feeding stuff.

(2) The particulars required by sub-paragraph (1) to be contained in the statutory statement shall be declared in accordance with the requirements of paragraphs 3–7 and 9 of Chapter B of Schedule 9.

27.—(1) Subject to sub-paragraph (2), in the case of any feeding stuff intended for a particular nutritional purpose, particular attention may be drawn in the statutory statement, or elsewhere on the package, label or container, to the presence or low content of one or more analytical constituents which are essential aspects of the characteristics of the feeding stuff.

(2) Where particular attention is drawn to the presence or low content of any analytical constituent, as permitted by sub-paragraph (1), the maximum or minimum content, expressed in terms of the percentage by weight of that analytical constituent, shall be clearly indicated in the list of analytical constituents.

28.—(1) In the case of any compound feeding stuff containing protein derived from mammalian tissue but containing no mammalian meat and bone meal, and intended for animals other than pet animals, the statutory statement shall contain the declaration specified in sub-paragraph (2).

(2) The declaration referred to in sub-paragraph (1) is—

"This compound feeding stuff contains protein derived from mammalian tissue the feeding of which to ruminants is prohibited".

29. In the case of any compound feeding stuff containing mammalian meat and bone meal, and intended for animals other than pet animals, the statutory statement shall contain the following declaration—

"This compound feeding stuff contains protein derived from mammalian tissue the feeding of which to ruminants, all other categories of farmed creatures and equine animals is prohibited".

30.—(1) In the case of any product named as a permitted product in column 2 of Schedule 8, the statutory statement shall contain, in addition to any other particulars required by these Regulations, the name specified for that product in column 7 of that Schedule, together with such further particulars as may be specified in that column in relation to it.

(2) In the case of any compound feeding stuff containing, for use as a protein source, any product named as a permitted product in column 2 of Schedule 8, the statutory statement shall contain, in

addition to any other particulars required by these Regulations, the name specified for that product in column 7 of that Schedule, together with such further particulars as may be specified in that column in relation to compound feeding stuffs containing that product.

31.—(1) Subject to sub-paragraph (2), in the case of any compound feeding stuff, information may be provided in addition to the particulars required or permitted to be contained in the statutory statement or otherwise declared.

(2) Any information provided pursuant to sub-paragraph (1)—

(a) shall be clearly separated from those particulars;

(b) shall not be designed to indicate the presence or content of analytical constituents other than those the declaration of which is provided for in this Schedule or in Schedule 9;

(c) shall relate to objective or quantifiable factors which can be substantiated;

(d) shall not be misleading, in particular by attributing to the feeding stuff effects or properties that it does not possess, or by suggesting that it possesses special characteristics, when all similar feeding stuffs contain similar properties;

(e) shall not claim that the feeding stuff will prevent, treat or cure a disease;

(f) shall not, in the case of any feeding stuff intended for a particular nutritional purpose, include a generic description other than in the form of the generic term "dietetic";

(g) shall not, in the case of any feeding stuff other than one intended for a particular nutritional purpose, include a generic description in that form; and

(h) shall not include reference to a particular pathological condition, unless—

(i) the feeding stuff is intended for a particular nutritional purpose, and

(ii) the particular nutritional purpose is specified in respect of that feeding stuff in column 1 of Chapter A of Schedule 9 and relates to that condition.

32.—(1) Subject to sub-paragraph (2), in the case of any feed material which is sold, or otherwise put into circulation, by any person, information may be provided in addition to the particulars required or permitted to be contained in the statutory statement or otherwise declared.

(2) Any such information provided in addition to the particulars required or permitted to be contained in the statutory statement or otherwise declared—

(a) shall be clearly separated from those particulars;

(b) shall relate to objective or quantifiable factors which can be substantiated; and

(c) shall not be misleading.

Part II

Declaration of analytical constitutents

Feeding stuffs	*Analytical constituents and levels*	*Species or category of animal*	
		Compulsory declarations	*Optional declarations*
Column 1	Column 2	Column 3	Column 4
Complete feeding stuffs	— Protein — Oils and fats — Fibre — Ash	Animals except pets other than dogs and cats	Pets other than dogs and cats
	— Lysine	Pigs	Animals other than pigs
	— Methionine	Poultry	Animals other than poultry
	—Cystine	... ...	All animals
	—Threonine		
	—Tryptophan	... ...	All animals
		... ...	All animals
	— Energy value	... .	Poultry (calculated according to EEC method — see Schedule 1)
		... .	Pigs and ruminants (calculated according to national official methods — see Schedule 1)
	— Starch	... ...	All animals
	— Total sugar (as sucrose)	... ...	
	— Total sugar plus starch	... ...	
	— Calcium		
	— Sodium	... ...	
	— Magnesium		
	— Potassium	... ...	
		... ...	
		... ...	
	— Phosphorus	Fish axcept ornamental fish	Animals other than fish except ornamental fish

Feeding stuffs	*Analytical constituents and levels*	*Species or category of animal*	
		Compulsory declarations	*Optional declarations*
Column 1	Column 2	Column 3	Column 4
Complementary feeding stuffs — Mineral	— Protein — Fibre — Ash — Oils and fats — Lysine — Methionine — Cystine — Threonine — Tryptophan	... ...	All animals
	— Calcium — Phosphorus — Sodium	All animals	
	— Magnesium	Ruminants	Animals other than ruminants
	— Potassium	... .	All animals
Complementary feeding stuffs — Molassed	— Protein — Fibre — Total sugar (as sucrose) — Ash	All animals	
	— Oils and fats	... .	All animals
	— Calcium — Phosphorus — Sodium — Potassium	... ...	All animals
	— Magnesium ≥0.5%	Ruminants	Animals other than ruminants
	<0.5%	... ...	All animals
Complementary feeding stuffs — Other	— Protein — Oils and fats — Fibre	Animals except pets other than dogs and cats	Pets other than dogs and cats

Feeding stuffs	*Analytical constituents and levels*	*Species or category of animal*	
		Compulsory declarations	*Optional declarations*
Column 1	Column 2	Column 3	Column 4
	— Ash		
	— Calcium ≥5%	Animals other than pets	Pets
	<5%	... ...	All animals
	— Phosphorous	Animals other than pets	Pets
	≥2%	... ...	
	<2%	... ...	All animals
	— Magnesium ≥0.5%	Ruminants	Animals other than ruminants
	<0.5%	... ...	All animals
	— Sodium		
	— Potassium	... ...	
		... ...	
	— Energy value	... ...	Poultry (declaration according to EEC method — see Schedule 1)
		... ...	Pigs and ruminants (declaration according to national official methods — see Schedule 1)
	— Lysine	Pigs	Animals other than pigs
	— Methionine	Poultry	Animals other than poultry
	— Cystine	... ...	All animals
	— Threonine		
	— Tryptophan	... ...	
	— Starch		
	— Total Sugar (as sucrose)	... ...	
	— Total sugar plus starch	... ...	
		... ...	

Feeding stuffs	*Analytical constituents and levels*	*Species or category of animal*	
		Compulsory declarations	*Optional declarations*
Column 1	Column 2	Column 3	Column 4
		... ...	

SCHEDULE 5 Regulation 4

Contents of the Statutory Statement (for additives and premixtures not contained in feeding stuffs)

Part I

Additives

1. In relation to additives not excluded from application of the Additives Directive by Article 22, the following particulars shall be contained in the statutory statement (where an authorised additive is sold or otherwise put into circulation by any person)—

(a) in the case of any additive permitted to be contained in material pursuant to paragraph 5(1) of, or referred to in any of Parts I to VIII of, the Table to Schedule 3 or which is otherwise authorised (not being an enzyme, micro-organism, zootechnical additive, an authorised intermediate product or an authorised medicated premix)—

(i) the name of the additive;

(ii) the EC registration number of the additive;

(iii) the name or business name and the address or registered business address of the person within the European Community responsible for the particulars referred to in this Part of this Schedule;

(iv) the net weight in the case of any non-liquid additive;

(v) either the net weight or the net volume, in the case of any liquid additive; and

(vi) as from 1st April 2001, the approval or registration number allocated, pursuant to Article 5, or, as the case may be, 10 of the Establishments Directive, to the establishment which manufactured the additive, or to the intermediary holding it;

(b) in the case of vitamin E—

(i) the alpha-tocopherol level as acetate; and

(ii) an indication of the period during which that level will remain present;

(c) in the case of any vitamin (other than vitamin E) or any added provitamin or substance having a similar effect—

(i) the active substance level; and

(ii) an indication of the period during which that level will remain present;

(d) in the case of any additive permitted to be contained in material pursuant to paragraph 5(1) of, or referred to any of Parts I to VIII of the Table to Schedule 3 or which is otherwise authorised (not being an enzyme, micro-organism, zootechnical additive,

authorised intermediate product or authorised medicated premix), the active substance level;

(e) in the case of any enzyme—

(i) the names of the active constituents according to their enzymatic activities as specified in the authorisation concerned;

(ii) the EC registration number;

(iii) the identification number allotted by the International Union of Biochemistry;

(iv) the name or business name and the address or registered business address of the person within the European Community responsible for the particulars referred to in this Part of this Schedule;

(v) the name or business name and the address or registered business address of the manufacturer, if he is not responsible for the particulars referred to in this Part of this Schedule;

(vi) the activity units(**17**) per gram or per millilitre;

(vii) an indication of the period during which the activity units will remain present;

(viii) the batch reference number and the date of manufacture;

(ix) directions for use, including the recommended dosage or, where appropriate, range of dosages, expressed as a percentage by weight of target feed material per kilogram of feeding stuff, as prescribed in the authorisation concerned;

(x) any safety recommendation as specified in the authorisation concerned;

(xi) the net weight in the case of any non-liquid enzyme;

(xii) either the net weight or the net volume in the case of any liquid enzyme;

(xiii) an indication of any significant characteristics of the enzyme arising during manufacture, specified in the authorisation concerned; and

(xiv) as from 1st April 2001, the approval number allocated, pursuant to Article 5 of the Establishments Directive, to the establishment which manufactured the enzyme, or to the intermediary holding it; and

(f) in the case of any micro-organism—

(i) the identification of such strain, in accordance with the authorisation;

(ii) the file number of each strain;

(iii) the number of colony-forming units (expressed as CFU/g);

(iv) the EC registration number;

(v) the name or business name and the address or registered business address of the person within the European Community responsible for the particulars referred to in this Part of this Schedule;

(vi) the number or business name and the address or registered business address of the manufacturer, if he is not responsible for the particulars referred to in this Part of this Schedule;

(vii) as from 1st April 2001, the approval number allocated, pursuant to Article 5 of the Establishments Directive, to the establishment which manufactured the micro-organism, or to the intermediary holding it;

(viii) an indication of the period during which the colony-forming units will remain present;

(**17**) Units of activity expressed as μmole of product released per minute per gram of enzymatic preparation

(ix) the batch reference number and the date of manufacture;

(x) directions for use;

(xi) any safety recommendation specified in the authorisation concerned;

(xii) the net weight, in the case of any non-liquid micro-organism;

(xiii) either the net weight or the net volume, in the case of any liquid micro-organism; and

(xiv) an indication of any significant characteristics of the micro-organism arising during manufacture, specified in the authorisation concerned.

2. In addition to the information required under paragraph 1 in relation to any additive, the statutory statement may also give—

(a) where the additive is permitted to be contained in material pursuant to paragraph 5(1) of, or referred to in any of Parts I to VIII of the Table to, Schedule 3, or otherwise authorised (and is not a zootechnical additive, an authorised intermediate product or an authorised medicated premix)—

(i) the trade name of the additive;

(ii) any other information, provided that it is clearly separated from the particulars referred to in paragraph 1(*a*) to (*f*) and in paragraph (i) and sub-paragraph (*b*); and

(b) where the additive falls within sub-paragraph (*a*) and is not an enzyme or micro-organism—

(i) the name or business name, and the address or registered business address, of the manufacturer, if he is not the person responsible for the particulars referred to in this Part of this Schedule;

(ii) directions for use, including any appropriate safety recommendation.

Part II

Premixtures

1. This Part of this Schedule applies to premixtures containing only such additives as are of any type regulated by Part I of this Schedule.

2. In relation to premixtures not excluded from application of the Additives Directive by Article 22, the following particulars shall be contained in the statutory statement—

(a) in the case of any premixture—

(i) the description "premixture";

(ii) directions for use, including any appropriate safety recommendation;

(iii) the species or category of animal for which the premixture is intended;

(iv) the name or business name, and the address or registered business address, of the person within the European Community responsible for the particulars referred to in this Part of this Schedule;

(v) the net weight of any non-liquid premixture;

(vi) either the net weight or the net volume of any liquid premixture; and

(vii) from 1st April 2001, the approval or registration number allocated, pursuant to Article 5 or, as the case may be, 10 of the Establishments Directive, to the establishment which produced or manufactured the premixture, or to the intermediary holding it;

(b) in the case of any antioxidant, colourant (including pigment), trace element or preservative, in a premixture, for which a maximum content in a complete feeding stuff is prescribed in the appropriate Part of the Table to Schedule 3, or in another authorisation—

(i) the name of the additive; and

(ii) the active substance level;

(c) in the case of vitamin E in a premixture—

(i) the name of the additive;

(ii) the alpha-tocopherol level as acetate; and

(iii) an indication of the period during which that level will remain present;

(d) subject to paragraph (4), in the case of any vitamin other than vitamin E, or any provitamin or substance having a similar effect, in a premixture—

(i) the name of the additive;

(ii) the active substance level; and

(iii) an indication of the period during which that level will remain present;

(e) in the case of any enzyme in a premixture—

(i) the names of the active constituents according to their enzymatic activities, as specified in the authorisation concerned;

(ii) the EC registration number;

(iii) the identification number allotted by the International Union of Biochemistry;

(iv) the activity units (expressed as activity units per gram or activity units per millilitre);

(v) an indication of the period during which the activity units will remain present;

(vi) the batch reference number and the date of manufacture;

(vii) the name or business name and address or registered business address of the manufacturer, if he is not responsible for the particulars referred to in this Part of this Schedule;

(viii) an indication of any significant characteristics of the enzyme arising during manufacture, as specified in the authorisation concerned; and

(ix) the recommended dosage or, where appropriate, range of dosages, expressed as a percentage by weight of target feed material per kilogram of the feeding stuff, as prescribed in the authorisation concerned;

(f) in the case of any micro-organism in a premixture—

(i) the identification of each strain, in accordance with the authorisation;

(ii) the file number of each strain;

(iii) the number of colony-forming units (expressed as CFU/g);

(iv) the EC registration number;

(v) the name or business name and the address or registered business address of the manufacturer, if he is not responsible for the particulars referred to in this Part of this Schedule;

(vi) an indication of the period during which the colony-forming units will remain present; and

(vii) an indication of any significant characteristics of the micro-organism arising during manufacture, specified in the authorisation concerned;

(g) in the case of any additive in a premixture—

(i) which is an additive of a type referred to in any of Parts I to VIII of Schedule 3, or which is otherwise authorised (other than any additive of a type referred to in sub-paragraphs (*b*) to (*f*)), or which is an additive of a type referred to in any of those Parts, or in another authorisation, and in those sub-paragraphs, in respect of which no maximum level is laid down;

which fulfils a function in the feeding stuff as such; and

(iii) in respect of which the amount which is present in the premixture can be determined by using one of the methods of analysis specified in Annex I to Part II of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations (Northern Ireland) 1999(**18**) or by some other valid scientific method the name of the additive and the active substance level.

3. In relation to an additive permitted to be contained in material pursuant to paragraph 5(1) of, or referred to in any of Parts I to VIII of the Table to, Schedule 3, or which is otherwise authorised, in a premixture, in addition to the information required under paragraph 2, the statutory statement may give—

(a) the trade name of the additive;

(b) in the case of any additive not being an enzyme or a micro-organism, its EC registration number;

(c) any other information, provided that it is clearly separated from the particulars referred to in paragraph 2, and in the foregoing provisions of this paragraph.

4. In the case of a premixture containing more than one vitamin (other than vitamin E), provitamin or substance having a similar effect, the requirement in paragraph 2(*d*)(iii) shall apply only to whichever of those additives has the shortest such period.

SCHEDULE 6

Regulation 7

Limits of Variation

Part A

— Compound Feeding Stuffs except those for pets

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
Ash	If present in excess— 2 for declarations of 10% or more 20% of the amount stated for declarations of 5% or more but less than 10% 1 for declarations less than 5% In case of deficiency— 3 for declarations of 10% or more 30% of the amount stated for declarations of 5% or more but less than 10%

(**18**) S.R. 1999 No. 296, to which there is an amendment not relevant to these Regulations

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
	1.5 for declarations less than 5%
Ash insoluble in hydrochloric acid	If present in excess— 2 for declarations of 10% or more 20% of the amount stated for declarations of 4% or more but less than 10% 1 for declarations less than 4%
Calcium	If present in excess— 3.6 for declarations of 16% or more 22.5% of the amount stated for declarations of 12% or more but less than 16% 2.7 for declarations of 6% or more but less than 12% 45% of the amount stated for declarations of 1% or more but less than 6% 0.45 for declarations less than 1% In case of deficiency— 1.2 for declarations of 16% or more 7.5% of the amount stated for declarations of 12% or more but less than 16% 0.9 for declarations of 6% or more but less than 12% 15% of the amount stated for declarations of 1% or more but less than 6% 0.15 for declarations less than 1%
Cystine	In case of deficiency— 30% of the amount stated
Fibre	If present in excess— 1.8 for declarations of 12% or more 15% of the amount stated for declarations of 6% or more but less than 12% 0.9 for declarations less than 6% In case of deficiency— 5.4 for declarations of 12% or more 45% of the amount stated for declarations of 6% or more but less than 12% 2.7 for declarations less than 6%
Lysine	In case of deficiency— 30% of the amount stated
Magnesium	If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15% 2.25 for declarations of 5% or more but less than 7.5%

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
	45% of the amount stated for declarations of 0.7% or more but less than 5% 0.3 for declarations less than 0.7% In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than 5% 0.1 for declarations less than 0.7%
Methionine	In case of deficiency— 30% of the amount stated
Moisture	If present in excess— 1 for declarations of 10% or more 10% of the amount stated for declarations of 5% or more but less than 10% 0.5 for declarations less than 5%
Oils and fats	If present in excess— 3 for declarations of 15% or more 20% of the amount stated for declarations of 8% or more but less than 15% 1.6 for declarations less than 8% In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 8% or more but less than 15% 0.8 for declarations less than 8%
Phosphorus	If present in excess— 3.6 for declarations of 16% or more 22.5% of the amount stated for declarations of 12% or more but less than 16% 2.7 for declarations of 6% or more but less than 12% 45% of the amount stated for declarations of 1% or more but less than 6% 0.45 for declarations less than 1% In case of deficiency— 1.2 for declarations of 16% or more 7.5% of the amount stated for declarations of 12% or more but less than 16% 0.9 for declarations of 6% or more but less than 12% 15% of the amount stated for declarations of 1% or more but less than 6%

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
	0.15 for declarations less than 1%
Potassium	If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15% 2.25 for declarations of 5% or more but less than 7.5% 45% of the amount stated for declarations of 0.7% or more but less than 5% 0.3 for declarations less than 0.7% In case of deficiency— 1.5% for declarations of 15% or more 10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than 5% 0.1 for declarations less than 0.7%
Protein	If present in excess— 4 for declarations of 20% or more 20% of the amount stated for declarations of 10% or more but less than 20% 2 for declarations less than 10% In case of deficiency— 2 for declarations of 20% or more 10% of the amount stated for declarations of 10% or more but less than 20% 1 for declarations less than 10%
Protein equivalent of biuret, diureidoisobutane, urea or urea phosphate	±1.25 or ±20% of the amount stated, whichever is greater
Sodium	If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15% 2.25 for declarations of 5% or more but less than 7.5% 45% of the amount stated for declarations of 0.7% or more but less than 5% 0.3 for declarations less than 0.7% In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than5%

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
	0.1 for declarations less than 0.7%
Starch and total sugar plus starch	If present in excess— 5 for declarations of 25% or more 20% of the amount stated for declarations of 10% or more but less than 25% 2 for declarations less than 10% In case of deficiency— 2.5 for declarations of 25% or more 10% of the amount stated for declarations of 10% or more but less than 25% 1 for declarations less than 10%
Threonine	In case of deficiency— 30% of the amount stated
Total sugar	If present in excess— 4 for declarations of 20% or more 20% of the amount stated for declarations of 10% or more but less than 20% 2 for declarations less than 10% In case of deficiency— 2 for declarations of 20% or more 10% of the amount stated for declarations of 10% or more but less than 20% 1 for declarations less than 10%
Tryptophan In case of deficiency— 30% of the amount stated	

Part B —

Compound Pet Foods

Ash	If present in excess— 1.5 for all declarations In case of deficiency— 4.5 for all declarations
Ash insoluble in hydrochloric acid	If present in excess— 1.5 for all declarations
Calcium	If present in excess— 3.6 for declarations of 16% or more 22.5% of the amount stated for declarations of 12% or more but less than 16% 2.7 for declarations of 6% or more but less than 12%

	45% of the amount stated for declarations of 1% or more but less than 6% 0.45 for declarations less than 1% In case of deficiency— 1.2% for declarations of 16% or more 7.5% of the amount stated for declarations of 12% or more but less than 16% 0.9 for declarations of 6% or more but less than 12% 15% of the amount stated for declarations of 1% or more but less than 6% 0.15 for declarations less than 1%
Cystine	In case of deficiency— 30% of the amount stated
Fibre	If present in excess— 1 for all declarations In case of deficiency— 3 for all declarations
Lysine	In case of deficiency— 30% of the amount stated
Magnesium	If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15% 2.25 for declarations of 5% or more but less than 7.5% 45% of the amount stated for declarations of 0.7% or more but less than 5% 0.3 for declarations less than 0.7% In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than 5% 0.1 for declarations less than 0.7%
Methionine	In case of deficiency— 30% of the amount stated
Moisture	If present in excess— 3 for declarations of 40% or more 7.5% of the amount stated for declarations of 20% or more but less than 40% 1.5 for declarations less than 20%
Oils and fats	If present in excess— 5 for all declarations

	In case of deficiency— 2.5 for all declarations
Phosphorus	If present in excess— 3.6 for declarations of 16% or more 22.5% of the amount stated for declarations of 12% or more but less than 16% 2.7 for declarations of 6% or more but less than 12% 45% of the amount stated for declarations of 1% or more but less than 6% 0.45 for declarations less than 1% In case of deficiency— 1.2 for declarations of 16% or more 7.5% of the amount stated for declarations of 12% or more but less than 16% 0.9 for declarations of 6% or more but less than 12% 15% of the amount stated for declarations of 1% or more but less than 6% 0.15 for declarations less than 1%
Potassium	If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15% 2.25 for declarations of 5% or more but less than 7.5% 45% of the amount stated for declarations of 0.7% or more but less than 5% 0.3 for declarations less than 0.7% In case of deficiency— 1.5% for declarations of 15% or more 10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than 5% 0.1 for declarations less than 0.7%
Protein	If present in excess— 6.4 for declarations of 20% or more 32% of the amount stated for declarations of 12.5% or more but less than 20% 4 for declarations less than 12.5% In case of deficiency— 3.2 for declarations of 20% or more 16% of the amount stated for declarations of 12.5% or more but less than 20% 2 for declarations less than 12.5%
Sodium	If present in excess—

	4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15% 2.25 for declarations of 5% or more but less than 7.5% 45% of the amount stated for declarations of 0.7% or more but less than 5% 0.3 for declarations less than 0.7% In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than 5% 0.1 for declarations less than 0.7%
Starch and total sugar plus starch	If present in excess— 5 for declarations of 25% or more 20% of the amount stated for declarations of 10% or more but less than 25% 2 for declarations less than 10% In case of deficiency— 2.5 for declarations of 25% or more 10% of the amount stated for declarations of 10% or more but less than 25% 1 for declarations less than 10%
Total sugar	If present in excess— 4 for declarations of 20% or more 20% of the amount stated for declarations of 10% or more but less than 20% 2 for declarations less than 10% In case of deficiency— 2 for declarations of 20% or more 10% of the amount stated for declarations of 10% or more but less than 20% 1 for declarations less than 10%
Threonine	In case of deficiency— 30% of the amount stated
Tryptophan	In case of deficiency— 30% of the amount stated

Part C—

Feed Materials

Acid index	If present in excess— 1.5 for declarations of 15% or more

	10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%
Ash	If present in excess— 3 for declarations of 10% or more 30% of the amount stated for declarations of 5% or more but less than 10% 1.5 for declarations less than 5%
Ash insoluble in hydrochloric acid	If present in excess— 10% of the amount stated for declarations of 3% or more 0.3 for declarations less than 3%
Calcium	In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%
Calcium carbonate	If present in excess— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%
Carotene	In case of deficiency— 30% of the amount stated
Chlorides expressed as NaCl	If present in excess— 10% of the amount stated for declarations of 3% or more 0.3 for declarations less than 3%
Fibre	If present in excess— 2.1 for declarations of 14% or more 15% of the amount stated for declarations of 6% or more but less than 14% 0.9 for declarations less than 6%
Inulin	In case of deficiency— 3 for declarations of 30% or more 10% of the amount stated for declarations of 10% or more but less than 30% 1 for declarations less than 10%
Lysine	In case of deficiency— 20% of the amount stated
Magnesium	In case of deficiency— 1.5% for declarations of 15% or more 10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%
Matter insoluble in light petroleum	If present in excess— 1.5 for declarations of 15% or more

	10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%
Methionine	In case of deficiency— 20% of the amount stated
Moisture	If present in excess— 1 for declarations of 10% or more 10% of the amount stated for declarations of 5% or more but less than 10% 0.5 for declarations less than 5%
Oils and fats	If present in excess— 3.6 for declarations of 15% or more 24% of the amount stated for declarations of 5% or more but less than 15% 1.2 for declarations less than 5% In case of deficiency— 1.8 for declarations of 15% or more 12% of the amount stated for declarations of 5% or more but less than 15% 0.6 for declarations less than 5%
Phosphorus	In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%
Protein	In case of deficiency— 2 for declarations of 20% or more 10% of the amount stated for declarations of 10% or more but less than 20% 1 for declarations less than 10%
Protein equivalent of uric acid	If present in excess— 1.25, or 25% of the amount stated, whichever is the greater
Sodium	If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 2% or more but less than 15% 0.6 for declarations less than 2%
Starch	In case of deficiency— 3 for declarations of 30% or more 10% of the amount stated for declarations of 10% or more but less than 30% 1 for declarations less than 10%
Sugar (total sugars, reducing sugars, sucrose, lactose, glucose (dextrose))	If present in excess— 4 for declarations of 20% or more 20% of the amount stated for declarations of 5% or more but less than 20% 1 for declarations less than 5%

	In case of deficiency— 2 for declarations of 20% or more 10% of the amount stated for declarations of 5% or more but less than 20% 0.5 for declarations less than 5
Volatile nitrogenous bases	In case of deficiency— 20% of the amount stated
Xanthophyll	In case of deficiency— 30% of the amount stated

Part D—

Vitamins and Trace Elements

Vitamin/Trace Element	*Limits of variation*
Cobalt	±50% of the amount stated
Copper	±30% of the amount stated for declarations above 200 mg/kg ±50% of the amount stated for declarations up to and including 200 mg/kg
Iodine	±50% of the amount stated
Iron	±30% of the amount stated for declarations of 250 mg/kg or more ±50% of the amount stated for declarations less than 250 mg/kg
Manganese	±50% of the amount stated
Molybdenum	±50% of the amount stated
Selenium	±50% of the amount stated
Vitamins D_2 and D_3	±30% of the amount stated for declarations above 4000 IU/kg ±50% of the amount stated for declarations up to and including 4000 IU/kg
Vitamins other than D_2 and D_3	In case of deficiency— 30% of the amount stated
Zinc	±50% of the amount stated

Part E —

Energy Value of Compound Feeding Stuffs

Feeding stuff	*Limits of variation*
Compound feeding stuffs for poultry	±0.7 MJ/kg (absolute value)

Feeding stuff	*Limits of variation*
Compound feeding stuffs for ruminants	±7.5% of the amount stated
Compound feeding stuffs for pigs	±7.5% of the amount stated
Feeding stuffs for particular nutritional purposes for cats and dogs	±15% of the amount stated

SCHEDULE 7 Regulation 12

Prescribed limits for undesirable substances

Part I

Feeding Stuffs

CHAPTER A

Column 1 *Substances*	Column 2 *Feeding stuffs*	Column 3 *Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%*
Arsenic	Feed materials except:	2
	— meal made from grass, from dried lucerne, or from dried clover	4
	— dried sugar beet pulp or dried molassed sugar beet pulp	4
	— phosphates and feed materials obtained from the processing of fish or other marine animals	10
	Complete feeding stuffs except:	2
	— complete feeding stuffs for fish	4
	Complementary feeding stuffs except:	4
	—mineral feeding stuffs	12
Cadmium	Feed materials of vegetable origin	1
	Feed materials of animal origin (with the exception of feeding stuffs for pets)	2

Column 1 *Substances*	Column 2 *Feeding stuffs*	Column 3 *Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%*
	Phosphates	10
	Complete feeding stuffs for cattle, sheep and goats (with the exception of complete feeding stuffs for calves, lambs and kids)	1
	Other complete feeding stuffs (with the exception of feeding stuffs for pets)	0.5
	Mineral feeding stuffs	5
	Other complementary feeding stuffs for cattle, sheep and goats	0.5
Dioxin (sum of PCDD and PCDF), expressed in International Toxic Equivalents	Citrus pulp	500 pg I-TEQ/kg (upper bound detection limit) Note: Upper bound concentrations are calculated assuming that all values of the different congeners less than the limit of detection are equal to the limit of detection
Fluorine	Feed materials except:	150
	— feed materials of animal origin	500
	— phosphates	2000
	Complete feeding stuffs except:	150
	— complete feeding stuffs for cattle, sheep and goats	
	— in milk	30
	— other	50
	— complete feeding stuffs for pigs	100
	— complete feeding stuffs for poultry	350
	— complete feeding stuffs for chicks	250
	Mineral mixtures for cattle, sheep and goats	2000

Column 1 *Substances*	Column 2 *Feeding stuffs*	Column 3 *Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%*
	Other complementary feeding stuffs	125 (fluorine content per percentage point phosphorus in the feeding stuff)
Lead	Feed materials except:	10
	— grass meal, lucerne meal or clover meal	40
	— phosphates	30
	— yeast	5
	Complete feeding stuffs	5
	Complementary feeding stuffs except:	10
	— mineral feeding stuffs	30
Mercury	Feed materials except:	0.1
	— feed materials produced by the processing of fish or other marine animals	0.5
	Complete feeding stuffs except:	0.1
	— complete feeding stuffs for dogs or cats	0.4
	Complementary feeding stuffs (with the exception of complementary feeding stuffs for dogs and cats)	0.2
Nitrites	Fish meal	60 (expressed as sodium nitrite)
	Complete feeding stuffs except feeding stuffs intended for pets other than birds and aquarium fish	15 (expressed as sodium nitrite)

Chapter B

Aflatoxin B_1	Feed materials except:	0.05
	—groundnut, copra, palm-kernel, cotton seed, babassu, maize and products derived from the processing thereof	0.02

	Complete feeding stuffs for cattle, sheep and goats except:	0.05
	—dairy cattle	0.005
	—calves and lambs	0.01
	Complete feeding stuffs for pigs and poultry(except piglets and chicks)	0.02
	Other complete feeding stuffs	0.01
	Complementary feeding stuffs for cattle, sheep and goats (except complementary feeding stuffs for dairy animals, calves and lambs)	0.05
	Complementary feeding stuffs for pigs and poultry (except young animals)	0.03
	Other complementary feeding stuffs	0.005
Castor oil plant *Ricinus communis* L.	All feeding stuffs	10 (expressed in terms of castor oil plant husks)
Crotalaria spp.	All feeding stuffs	100
Free Gossypol	Feed materials except:	20
	— cotton-seed cakes	1200
	Complete feeding stuffs except:	20
	— complete feeding stuffs for cattle, sheep and goats	500
	— complete feeding stuffs for poultry (except laying hens) and calves	100
	— complete feeding stuffs for rabbits and pigs (except piglets)	60
Hydrocyanic acid	Feed materials except:	50
	— linseed	250
	— linseed cakes	350
	— manioc products and almond cakes	100
	Complete feeding stuffs except:	50
	— complete feeding stuffs for chicks	10

Rye Ergot *Claviceps purpurea*	All feeding stuffs containing unground cereals	1000

Chapter C

Apricots— *Prunus armeniaca* L. Bitter almond— *Prunus dulcis* (Mill.) D.A.Webb var. *amara* (DC.) Focke (= *Prunus amygdalus* Batsch var. *amara* (DC.) Focke) Unhusked beech mast—*Fagus silvatica* (L.) Camelina— *Camelina sativa* (L.) Cranz Mowrah, bassia, madhuca — *Madhuca longifolia* (L.) Macbr. (= *Bassia longifolia* L . = *Illipe malabrorum* Engl.) *Madhuca indica* Gmelin. (= *Bassia latifolia* (Roxb.) = *Illipe latifolia* (Roscb.) F. Mueller) Purghera— *Jatropha curcas* L. Croton— *Croton tiglium* L. Indian mustard — *Brassica juncea* (L.) Czern. and Coss. ssp. *integrifolia* (West.) Thell. Sareptian mustard— *Brassica juncea* (L.) Czern. and Coss. ssp. *juncea* Chinese mustard— *Brassica juncea* (L.) Czern. and Coss. ssp. *juncea* var. *lutea* Batalin Black mustard — *Brassica nigra* (L.) Koch Ethiopian mustard— *Brassica carinata*	All feeding stuffs	Seeds and fruits of the plant species listed opposite as well as their processed derivatives may only be present in feeding stuffs in trace amounts not quantitatively determinable
A Braun Theobromine	Complete feeding stuffs except:	300

	— complete feeding stuffs for adult cattle	700
Vinylthiooxazolidone (Vinyl-oxyzolidine thione)	Complete feeding stuffs for poultry except:	1000
	— complete feeding stuffs for laying hens	500
Volatile mustard oil	Feed materials except:	100
	— rape-seed cakes	4000 (expressed as allyl isothiocyanate)
	Complete feeding stuffs except:	150 (expressed as allyl isothiocyanate)
	— complete feeding stuffs for cattle, sheep and goats (except calves, lambs and kids)	1000 (expressed as allyl isothiocyanate)
	—complete feeding stuffs for pigs (except piglets) and poultry	500 (expressed as allyl isothiocyanate)
Weed seeds and unground and uncrushed fruit containing alkaloids, glucosides or other toxic substances separately or in combination including:	All feeding stuffs	3000
(a) *Lolium temulentum* L.		1000
(b) *Lolium remotum* Schrank		1000
(c) *Datura stramonium* L.		1000

Chapter D

Aldrin, singly, or combined expressed as dieldrin	All feeding stuffs except fats	0.01
Dieldrin, singly, or combined expressed as dieldrin		0.2
Camphechlor (Toxaphene)	All feeding stuffs	0.1
Chlordane (sum of cis- and trans-isomers and of oxychlordane, expressed as Chlordane)	All feeding stuffs except fats	0.02 0.05
DDT (sum of DDT, TDE and DDE isomers, expressed as DDT)	All feeding stuffs except fats	0.05 0.5
Endosulphan (sum of alpha- and beta- isomers and of endosulphan sulphate, expressed as endosulphan)	All feeding stuffs except — maize — oilseeds	0.1 0.2 0.5 0.005

	— complete feeding stuffs for fish	
Endrin (sum of endrin and delta- keto-endrin, expressed as endrin)	All feeding stuffs except fats	0.01 0.05
Heptachlor (sum of heptachlor and of heptachlor— epoxide, expressed as heptachlor)	All feeding stuffs except fats	0.01 0.2
Hexachlorobenzene (HCB) Hexachlorocyclohexane (HCH)	All feeding stuffs except fats	0.01 0.2
— alpha-isomers	All feeding stuffs except fats	0.02 0.2
— beta-isomers	Feed materials except fats	0.01 0.1
	Compound feeding stuffs except compound feeding stuffs for dairy cattle	0.01 0.005
— gamma-isomers	All feeding stuffs except fats	0.2 2.0

Part II

Feed Materials

CHAPTER A

Column 1 *Substances*	Column 2 *Feed materials*	Column 3 *Maximum content in mg/kg of feed materials referred to a moisture content of 12%*
Aflatoxin B_1	Groundnut, copra, palm-kernel, cotton seed, babassu, maize and products derived from the processing thereof	0.2
Cadmium	Phosphates	10
Arsenic	Phosphates	20
Dioxin (sum of PCDD and PCDF), expressed in International Toxic Equivalents	Citrus pulp	500 pg I-TEQ/kg (upper bound detection limit) Note: Upper bound concentrations are calculated assuming that all values of the different congeners less than

Column 1 *Substances*	Column 2 *Feed materials*	Column 3 *Maximum content in mg/kg of feed materials referred to a moisture content of 12%*
		the limit of detection are equal to the limit of detection

CHAPTER B

Column 1 *Substances*	Column 2 *Feed materials*
Arsenic	All feed materials with the exception of: — phosphates
Lead	All feed materials
Fluorine	All feed materials
Mercury	All feed materials
Nitrites	Fish meal
Cadmium	All feed materials of vegetable origin All feed materials of animal origin with the exception of: — feed materials for pets
Aflatoxin B_1	All feed materials with the exception of: — groundnut, copra, palm-kernel, cotton seed, babassu, maize and products derived from the processing thereof
Hydrocyanic acid	All feed materials
Free Gossypol	All feed materials
Volatile mustard oil	All feed materials
Rye Ergot (*Claviceps purpurea*)	Unground cereals
Weed seeds and unground and uncrushed fruits containing alkaloids, glucosides or other toxic substances separately or in combination including: (a) *Lolium temulentum* L., (b) *Lolium remotum* Schrank, (c) *Datura stramonium* L.	All feed materials
Castor oil plant— *Rizinus communis* L.	All feed materials
Crotalaria spp.	All feed materials
Aldrin, singly or combined expressed as dieldrin	All feed materials

Column 1 *Substances*	Column 2 *Feed materials*
Dieldrin, singly or combined expressed as dieldrin	All feed materials
Camphechlor (Toxaphene)	All feed materials
Chlordane (sum of cis- and trans-isomers and oxychlordane, expressed as chlordane)	All feed materials
DDT (sum of DDT-, TDE- and DDE-isomers, expressed as DDT)	All feed materials
Endosulfan (sum of alpha- and beta-isomers and endosulfan sulphate expressed as endosulfan)	All feed materials
Endrin (sum of endrin and of delta-ketoendrin, expressed as endrin)	All feed materials
Heptachlor (sum of heptachlor and of heptachlor-epoxide, expressed as heptachlor)	All feed materials
Hexachlorobenzene (HCB)	All feed materials
Hexachlorocyclohexane (HCH)	All feed materials
alpha-isomer	All feed materials
beta-isomer	All feed materials
gamma-isomer	All feed materials
Apricots— *Prunus armeniaca* L.	All feed materials
Bitter almond— *Prunus dulcis* (Mill.) D. A. Webb var. *amara* (DC.) Focke (= *Prunus amygdalus* Batsch var. *amara* (DC.) Focke)	All feed materials
Unhusked beech mast— *Fagus silvatica* (L.)	All feed materials
Camelina— *Camelina sativa* (L.) Crantz	All feed materials
Mowrah, Bassia, Madhuca — Madhuca longifolia (L.) Macbr. (= *Bassia longifolia* L. = *Illipe malabrorum* Engl.) *Madhuca indica* Gmelin (= *Bassia latifolia* (Roscb.) = *Illipe latifolia* (Roscb.) F. Mueller)	All feed materials
Purghera— *Jatropha curcas* L.	All feed materials
Croton— *Croton tiglium* L.	All feed materials
Indian mustard— *Brassica juncea* (L.) Czern. Coss. ssp. *integrifolia* (West.) Thell.	All feed materials
Sareptian mustard— *Brassica juncea* (L.) Czern. and Coss. ssp. *juncea*	
Chinese mustard— *Brassica juncea* (L.) Czern. and Coss. ssp. *juncea* var. *lutea* Batalin	All feed materials
Black mustard— *Brassica nigra* (L.) Koch	All feed materials

Column 1 *Substances*	Column 2 *Feed materials*
Ethiopian mustard— *Brassica carinata* A. Braun	All feed materials

SCHEDULE 8

Regulation 14 and Schedule 4 Part I, paragraph 30

Control of certain protein sources

Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications, if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
1. Proteins obtained from the following groups of micro-organisms						
1.1 Bacteria						
1.1.1 Bacterial cultivated on methanol	1.1.1.1 Protein product of fermentation obtained by culture of *Methylophilus methylotrophus* on methanol	*Methylophilus methylotrophus* NCIB strain 10.515	Methanol	protein: min. 68% — Reflectance index: at least 50	Pigs, calves, poultry and fish	Declarations to be made on the label or packaging of the product: — name of the product; — protein; — ash; — fat; — moisture content; — instructions for use; — “avoid inhalation”;

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications, if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
						— As from 1st April 2001: approval number; Declarations to be made on the label or packaging of compound feeding stuffs: — amount of the product contained in the feeding stuff
1.1.2. Bacteria cultivated on natural gas	1.1.2.1. Protein product of fermentation from natural gas obtained by culture of: *Methylococcus capsulatus (Bath), Alcaligenes acidovorans, Bacillus brevis et Bacillus firmus*, and the cells of	*Methylococcus capsulatus (Bath)* NCIMB strain 11132 *Alcaligenes acidovorans* NCIMB strain 12387 *Bacillus brevis* NCIMB strain 13288 *Bacillus firmus* NCIMB	Natural gas: (approx 91% methane, 5% ethane, 2% propane, 0.5% isobutane, 0.5% n-butane, 1% other components), ammonia, mineral salts	protein: min. 65%	— Pigs for fattening from 25 to 60kg — Calves from 80kg on — Salmon	Declarations to be made on the label or packaging of the product: — the name “Protein product of fermentation from natural gas obtained by

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications, if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
	which have been killed	strain 13280				culture of *Methylococcus capsulatus (Bath), Alcaligenes acidovorans, Bacillus brevis and Bacillus firmus*" — protein — ash — fat — moisture content — instructions for use maximum incorporation rate in the feed: — 8% pigs for fattening — 8% calves — 19% salmon (freshwater) — 33% salmon (seawater) — "avoid inhalation"; Declarations to be made on the label

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
						or packaging of the compound feeding stuffs: — the name "Protein product obtained by bacterial fermentation of natural gas" — amount of the product contained in the feeding stuff — As from 1st April 2001: approval number
1.2. *Yeasts*						
1.2.1. Yeasts cultivated on substrates of animal or vegetable origin	Yeasts obtained from the micro-organisms and substrates listed in columns 3 and 4,	Saccharomyces cerevisiae Saccharomyces carlsbergiensis Kluyveromyces lactis	Molasses, distillery residues, cereals and products containing starch, fruit juice, whey, lactic acid, hydrolized	—	All animal species	—
1.2.2. Yeasts cultivated on						

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
substrates other than those given in 1.2.1	the cells of which have been killed	Kluyveromyces fragilis	vegetable fibres			
1.3. *Algae*						
1.4. *Lower fungi*						
1.4.1. Products from production of antibiotics by fermentation	1.4.1.1. Mycelium wet by-product from the production of penicillin, ensiled by means of *lactobacillus brevis, plantarum, sake, collenoid and streptococcus lactis* to inactivate the penicillin, and heat treated	Nitrogenous compound Penicillium chrysogenum ATCC 48271	Different sources of carbohydrates and their hydrolysates	Nitrogen expressed as protein: min. 7%	Ruminants Pigs	Declarations to be made on the label or packaging of the product: — the name: “Mycelium silage from the production of penicillin”; — Nitrogen expressed as protein; — ash; — moisture; — animal species or category; — As from 1st April 2001: approval number; Declaration to be

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications, if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
						made on the label or packaging of the compound feeding stuff: the name: “mycellium silage from the production of penicillin”;
2. Non-protein nitrogenous compounds						
2.1. Urea and its derivatives	2.1.1. Urea, technically pure 2.1.2. Biuret, technically pure 2.1.3. Urea-phosphate, technically pure 2.1.4. Diureidoiso-butane technically pure	$CO(NH_2)_2$ (CONH2)2 - NH — $CO(NH_2)_2.H_3PO_4$ — (CH3)2-(CH)2 — $(NHCONH_2)_2$		Urea min. 97% Biuret: min. 97% Nitrogen: min. 16.5% Phosphorus: — min. 18% Nitrogen: min. 30% Isobutyraldehyde: min. 35%	Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of the product: — the name: “Urea”, “Biuret”, “Urea-phosphate” or “Diureidoisobutane”, as the case may be;

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Column 1	*Column 2*	*Column 3*	*Column 4*	*Column 5(**19**)*	*Column 6*	*Column 7(**19**)*
Name of product group	*Permitted products*	*Designation of nutritive principle or identity of micro-organisms*	*Culture substrate (specifications, if any)*	*Composition characteristics of product*	*Animal species*	*Name of product and specified particulars*
						— nitrogen level; and in addition for product 2.1.3., phosphorus level; — animal species or category Declarations to be made on the label or packaging of compound feeding stuffs: — the name “Urea”, “Biuret”, “Urea-phosphate” or “Diureidoisobutane”, as the case may be; — amount of the product contained in the feeding stuff;

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications, if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
						— percentage of the total protein provided by non-protein nitrogen; — indication, in the instructions for use, of the level of total non-protein nitrogen which should not be exceeded in the daily ration of each animal species or category
2.2. Ammonium salts	2.2.1. Ammonium lactate, produced by fermentation with *Lactobacillus bulgaricus*	Ammonium lactate, $CH_3CHOHCOONH_4$	Whey	Nitrogen expressed as protein: min. 44%	Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of the product: — the name:

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Column 1	*Column 2*	*Column 3*	*Column 4*	*Column 5(**19**)*	*Column 6*	*Column 7(**19**)*
Name of product group	*Permitted products*	*Designation of nutritive principle or identity of micro-organisms*	*Culture substrate (specifications if any)*	*Composition characteristics of product*	*Animal species*	*Name of product and specified particulars*
						"Ammonium lactate from fermentation"; — nitrogen expressed as protein; — ash; — moisture; — animal species or category; Declarations to be made on the label or packaging of compound feeding stuffs: — the name: "Ammonium lactate from fermentation"; — amount of product contained in the feeding stuff; — percentage of the total protein provided by

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Column 1	*Column 2*	*Column 3*	*Column 4*	*Column 5(**19**)*	*Column 6*	*Column 7(**19**)*
Name of product group	*Permitted products*	*Designation of nutritive principle or identity of micro-organisms*	*Culture substrate (specifications, if any)*	*Composition characteristics of product*	*Animal species*	*Name of product and specified particulars*
						— non-protein nitrogen; — indication, in the instructions for use, of the level of total non-protein nitrogen which should not be exceeded in the daily ration of each animal species or category
	2.2.2. Ammonium acetate in aqueous solution	CH_3COONH_4	—	Ammonium acetate: min. 55%	Ruminants from the start of rumination	Declarations to be made on the label or packaging of the product: — the words “Ammonium acetate”; — nitrogen content; moisture content;

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Column 1	*Column 2*	*Column 3*	*Column 4*	*Column 5(**19**)*	*Column 6*	*Column 7(**19**)*
Name of product group	*Permitted products*	*Designation of nutritive principle or identity of micro-organisms*	*Culture substrate (specifications, if any)*	*Composition characteristics of product*	*Animal species*	*Name of product and specified particulars*
						— animal species or category; — Declarations to be made on the label or packaging of compound feeding stuffs; — the words “Ammonium acetate”; — the amount of the product contained in the feeding stuff; — percentage of the total protein provided by non-protein nitrogen; — indication in the instructions for use of the level of

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications, if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
						total non-protein nitrogen which should not be exceeded in the daily ration for each animal species or category
	2.2.3. Ammonium sulphate aqueous solution	$(NH_4)_2SO_4$ in solution	—	Ammonium sulphate: min. 35%	Ruminants from the start of rumination	Declarations to be made on the label or packaging of the product: — the words “Ammonium sulphate”; — nitrogen and moisture contents; — animal species; — in the case of young ruminants, the incorporation rate in the

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Column 1	*Column 2*	*Column 3*	*Column 4*	*Column 5(**19**)*	*Column 6*	*Column 7(**19**)*
Name of product group	*Permitted products*	*Designation of nutritive principle or identity of micro-organisms*	*Culture substrate (specifications if any)*	*Composition characteristics of product*	*Animal species*	*Name of product and specified particulars*
						daily ration may not exceed 0.5%; Declaration to be made on the label or packaging of compound feeding stuffs: — the words “Ammonium sulphate”; — the amount of the product contained in the feeding stuff; — percentage of the total protein provided by non-protein nitrogen; — indication in the instructions for use of the

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications, if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
						level of total non-protein nitrogen which should not be exceeded in the daily ration of each animal species; — in the case of young ruminants, the incorporation rate in the daily ration may not exceed 0.5%
2.3. By-products from the production of amino acids by fermentation	(2.3.1.) Concentrated liquid by-products from the production of L-glutamic acid by fermentation with *Corynebacterium*	Ammonium salts and other nitrogenous compounds	Sucrose, molasses, starch products and their hydrolysates	Nitrogen expressed as protein: min. 48% Moisture max 28% Nitrogen expressed	Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of the product: — the name “by-products

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications, if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
	(2.3.2) Ammonium salts liquid by-products from the production of L-lysine monohydro-chloride by fermentation with *Brevibacterium lactofermentum*			as protein: min. 45%		from the production of L-glutamic acid”in the case of product 2.3.1.; “by-products from the production of L-lysine” in the case of product “2.3.2;”; nitrogen, expressed as — protein; — ash; — moisture; — animal species or category; As from 1st April 2001: approval number; Declarations to be made

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Column 1	*Column 2*	*Column 3*	*Column 4*	*Column 5(**19**)*	*Column 6*	*Column 7(**19**)*
Name of product group	*Permitted products*	*Designation of nutritive principle or identity of micro-organisms*	*Culture substrate (specifications, if any)*	*Composition characteristics of product*	*Animal species*	*Name of product and specified particulars*
						on the label or packaging of compound feeding feeding stuffs; percentage of the total protein provided by non-protein nitrogen; indication, in the instructions for use, of the level of total non-protein nitrogen which should not be exceeded in the daily ration of each animal species or category

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications, if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
3. Amino acids and their salts				All animal species		
3.1. Methionine	3.1.1. DL-methionine, technically pure	$CH_3S(CH_2)_2CH(NH_2)$-COOH — $[CH_3S(CH_2)_2$— $CH(NH$-$CH_2OH)$— $COO]_2Ca.2H_2O$ $[CH_3S(CH_2)_2CH(NH_2)$-$COO]_2Zn$		DL-methionine: min. 98% DL-methionine: min. 67% Formaldehyde: max. 14% Calcium: min 9% DL-methione min. 80% Zn: max 18.5%	Ruminants from the beginning of rumination	Declarations to be made on the label the product: — the name: “DL-methione”, in the case of product 3.1.1. — “Dihydrated calcium salt of N-hydroxymethyl-DL-methionine” in the case of product 3.1.2., “Zinc-methionine”, in the case of product 3.1.3., — DL-methionine and moisture content; — animal species
	3.1.2. Dihydrated calcium salt of N-hydroxymethyl-DL-methionine, technically pure					
	3.1.3 Methionine-zinc, technically pure					

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Name of product group	*Permitted products*	*Designation of nutritive principle or identity of micro-organisms*	*Culture substrate (specifications if any)*	*Composition characteristics of product*	*Animal species*	*Name of product and specified particulars*
						or category in the case or products 3.1.2., and 3.1.3.; — As from 1st April 2001: approval number;
	3.1.4. Concentrated liquid sodium DL-methionine technically pure	$CH_3S(CH_2)_2$-CH (NH_2)-COO)Na —		DL-methionine: min. 40% Sodium: min. 6.2%	All animal species	Declarations to be made on the label or packaging of the product: — the name: “concentrated liquid sodium DL-methionine”; — DL-methionine content; — moisture content; — As from 1st April 2001: approval number;

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
	3.1.5. DL-methionine, technically pure protected with copolymer vinylpyridine/ styrene	$CH_3S(CH_2)_2$-$CH(NH_2)$-COOH	—	DL-methionine: minimum 65% copolymer vinylpyridine/ styrene: maximum 3%	Dairy cows	Declarations to be made on the label or packaging of the product: — “Protected methionine with copolymer vinyl-pyridine/ styrene”; — DL-methionine and moisture contents; — animal species; — As from 1st April 2001: approval number;
3.2. Lysine	3.2.1. L-Lysine, technically pure	—	Saccharose, molasses, starch products and their hydrolysates	L-Lysine: min. 98%	All animal species	Declarations to be made on the label or packaging of the product: — the name “L-Lysine” in the case of
	3.2.2. Concentrated liquid L-Lysine (base)			L-Lysine: min. 50%		
	3.2.3. L-Lysine-monohydrochloride, technically pure	—	Saccharose, molasses, starch products	L-Lysine: min. 78%		

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Column 1	*Column 2*	*Column 3*	*Column 4*	*Column 5(**19**)*	*Column 6*	*Column 7(**19**)*
Name of product group	*Permitted products*	*Designation of nutritive principle or identity of micro-organisms*	*Culture substrate (specifications if any)*	*Composition characteristics of product*	*Animal species*	*Name of product and specified particulars*
	3.2.4. Concentrated liquid L-Lysine-monohydrochloride 3.2.5. L-Lysine sulphate produced by fermentation with *Corynebacterium glutamicum* NH_2-$(CH_2)_4$-$CH(NH_2)$-COOH NH_2-$(CH_2)_4$-$CH(NH_2)$-COOH NH_2-$(CH_2)_4$-$CH(NH_2)$-COOH.HCl NH_2-$(CH_2)_4$-$CH(NH_2)$-COOH.HCl $[NH_2$-$(CH_2)_4$-$CH(NH_2)$-$COOH]_2$-H_2SO_4	and their hydrolysates Sugar syrup, molasses, cereals starch products and their hydrolysates	min. 22.4% L-Lysine: min. 40%		— product 3.2.1., “Concentrated liquid L-Lysine base” in the case of product 3.2.2., — “L-Lysine mono-hydrochloride” in the case of product 3.2.3., — “Concentrated liquid L-Lysine monohydro-chloride” in the case of product 3.2.4., — “L-Lysine sulphate and its by-products from fermentation” in the case of	

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
						product 3.2.5.; — L-Lysine and moisture content; — As from 1st April 2001: approval number;
	3.2.6. L-Lysine phosphate and its by-products produced by fermentation with *Brevibacterium lactofermentatum* NRRLB-11470 $[NH_2(CH_2)_4-CH(NH_2)-COOH]-H_3PO_4$	Sucrose ammonia and fish solubles		L-Lysine: min. 35% Phosphorus: min. 4.3%	Poultry Pigs	Declarations to be made on the label or packaging of the product: — the name "L-Lysine phosphate and its by-products from fermentation" — L-Lysine and moisture content; — As from 1st April 2001;

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Column 1	*Column 2*	*Column 3*	*Column 4*	*Column 5(**19**)*	*Column 6*	*Column 7(**19**)*
Name of product group	*Permitted products*	*Designation of nutritive principle or identity of micro-organisms*	*Culture substrate (specifications if any)*	*Composition characteristics of product*	*Animal species*	*Name of product and specified particulars*
						approval number;
	3.2.7. Mix~~tur~~es of: (a) L-Lysine-mono-hydrochloride, technically pure, and (b) DL-methionine technically pure protected with copolymer vinyl-pyridine/ styrene NH_2-$(CH_2)_4$-$CH(NH_2)$-COOH-HCl $CH_3S(CH_2)_2$-$CH(NH_2)$-COOH		L-Lysine + DL-methionine: minimum 50% (including DL-methionine: minimum 15%) Copolymer vinyl pyridine/ styrene: maximum 3%	Dairy cows	Declarations to be made on the label or packaging of the product: — the name “mixture of L-Lysine monohydro-chloride and DL-methionine protected with copolymer vinyl-pyridine/ styrene”; — L-Lysine, DL-methionine and moisture contents; — animal species; — As from 1st April 2001: approval number;	

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications, if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
3.3 Threonine	3.3.1 L-Threonine, technically pure	$CH_3CH(OH)-CH(NH_2)-COOH$	—	L-Threonine: min. 98%	All animal species	Declarations to be made on the label or packaging of the product: — the name "L-Threonine"; — L-Threonine and moisture content; — As from 1st April 2001: approval number;
3.4. Tryptophan	3.4.1. L-Tryptophan, technically pure	$(C_8H_5NH)-CH_2-CH(NH_2)-COOH$	—	L-Tryptophan: min. 98%	All animal species	Declarations to be made on the label or packaging of the product: — the name: "L-Tryptophan"; — L-Tryptophan and moisture content; — As from 1st

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications, if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
						April 2001: approval number;
	3.4.2. DL-Tryptophan, technically pure	$(C_8H_5NH)-CH_2-CH(NH_2)-COOH$	—	DL-Tryptophan min. 98%	All animal species	Declarations to be made on the label or packaging of the product: — the name "DL-Tryptophan"; — DL Tryptophan and moisture content; — As from 1st April 2001: approval number;
4. Analogues of amino acids						
4.1. Analogues of methionine	4.1.1. Hydroxy analogue of methionine	—	Total of acids: minimum 85% Monomer acid minimum 65% Monomer acid:	Allanimal species	Declarations to be made on the label or packaging of the product: — if appropriate, the name	
	4.1.2. Calcium salt of hydroxy analogue of methionine	$CH_3S(CH_2)_2-CH(OH)-COOH$				

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Column 1	*Column 2*	*Column 3*	*Column 4*	*Column 5(**19**)*	*Column 6*	*Column 7(**19**)*
Name of product group	*Permitted products*	*Designation of nutritive principle or identity of micro-organisms*	*Culture substrate (specifications, if any)*	*Composition characteristics of product*	*Animal species*	*Name of product and specified particulars*
		[CH_3-S-(CH_2)-CH(OH)-$COO]_2Ca$		minimum 83% Calcium: minimum 12%		(column 2); — monomer acid and total acids contents in the case of product 4.1.1. and monomer acid content in the case of product 4.1.2.; — moisture content: — animal species; — As from 1st April 2001: approval number; Declarations to be made on the label or packaging of compound feeding stuffs:

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Column 1 *Name of product group*	*Column 2* *Permitted products*	*Column 3* *Designation of nutritive principle or identity of micro-organisms*	*Column 4* *Culture substrate (specifications if any)*	*Column 5(**19**)* *Composition characteristics of product*	*Column 6* *Animal species*	*Column 7(**19**)* *Name of product and specified particulars*
					— if appropriate, the name (column 2); — monomer acid and total acids contents in the case of product 4.1.1. and monomer acid content in the case of product 4.1.2.; — amount of the product contained in the feeding stuff.	

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SCHEDULE 9

Regulation 17 and Schedule 4 Part I, paragraphs 18, 19, 26 and 31

Permitted feeding stuffs intended for particular nutritional purposes and provisions relating to their use

CHAPTER A

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
Support of renal function in case of chronic renal insufficiency(**20**)	Low level of phosphorus and restricted level of protein but of high quality	Dogs and cats	— Protein source(s) — Calcium — Phosphorus — Potassium — Sodium — Contents of essential fatty acids (if added)	Initially up to 6 months(**21**)	Indicate on the package, container or label: "It is recommended that a veterinarian's opinion be sought before use or before extending the period of use" Indicate in the instructions for use: "Water should be available at all times."
Dissolution of struvite stones(**22**)	— Urine acidifying properties, low level of magnesium, and restricted level of protein but of high quality	Dogs	• Protein source(s) • Calcium • Phosphorus • Sodium • Magnesium • Potassium • Chlorides • Sulphur • Urine acidifying substances	5 to 12 weeks	Indicate on the package, container or label: "It is recommended that a veterinarian's opinion be sought before use." Indicate in the instructions for use:
	— Urine acidifying properties and	Cats	— Calcium — Phosphorus — Sodium		"Water should be available at all times."

(**21**) If the feeding stuff is recommended for temporary renal insufficiency the recommended period for use shall be two to four weeks.
(**20**) If appropriate the manufacturer may also recommend use for temporary renal insufficiency.
(**22**) In the case of feeding stuffs for cats, "feline lower urinary tract disease" or "feline urological syndrome— F.U.S." may complete the particular nutritional purpose.

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
	low level of magnesium		— Magnesium — Potassium — Chlorides — Sulphur — Total taurine — Urine acidifying substances		
Reduction of struvite stone recurrence(**23**)	— Urine acidifying properties and moderate level of magnesium	Dogs and cats	— Calcium — Phosphorus — Sodium — Magnesium — Potassium — Chlorides — Sulphur — Urine acidifying substances	Up to 6 months	Indicate on the package, container or label: “It is recommended that a veterinarian’s opinion be sought before use.”
Reduction of urate stones formation	Low level of purines, low level of protein but of high quality	Dogs and cats	— Protein source(s)	Up to 6 months but lifetime use in cases of irreversible disturbance of uric acid metabolism	Indicate on the package, container or label: “It is recommended that a veterinarian’s opinion be sought before use.”
Reduction of oxalate stones formation	Low level of calcium, low level of Vitamin D, and urine alkalising properties	Dogs and cats	— Phosphorus — Calcium — Sodium — Magnesium — Potassium — Chlorides — Sulphur — Total Vitamin D — Hydroxyproline — Urine alkalising substances	Up to 6 months	Indicate on the package, container or label: “It is recommended that a veterinarian’s opinion be sought before use.”

(**23**) In the case of feeding stuffs for cats, “feline lower urinary tract disease” or “feline urological syndrome— F.U.S.” may complete the particular nutritional purpose.

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
Reduction of cystine stones formation	Low level of protein, moderate level of sulphur amino acids and urine alkalising properties	Dogs and cats	Total sulphur amino — acids — Sodium — Potassium — Chlorides — Sulphur — Urine acidifying substances	Initially up to 1 year	Indicate on the package, container or label: “It is recommended that a veterinarian’s opinion be sought before use or before extending the period of use.”
Reduction of feed material and nutrient intolerances(**24**)	Selected protein source(s) and/or Selected carbohydrate source(s)	Dogs and cats	— Protein source(s) — Content of essential fatty acids (if added) — Carbohydrate source(s) — Contents of essential fatty acids (if added)	3 to 8 weeks; if signs of intolerance disappear this feed can be used indefinitely	
Reduction of acute intestinal absorptive disorders	Increased level of electrolytes and highly digestible feed materials	Dogs and cats	— Highly digestible feed materials including their treatment if appropriate — Sodium — Potassium — Source(s) of mucilaginous substances	1 to 2 weeks	Indicate on the package, container or label: “During periods of and recovery from acute diarrhoea.” “It is recommended that a veterinarian’s opinion be sought before use.”

(**24**) In the case of feeding stuffs for a particular intolerance reference to the specific intolerance can replace “feed material and nutrient.”

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
			(if added)		
Compensation for maldigestion(**25**)	Highly digestible feed materials and low level of fat	Dogs and cats	— Highly digestible feed materials including their treatment if appropriate	3 to 12 weeks, but lifetime in case of chronic pancreatic insufficiency	Indicate on the package, container or label: “It is recommended that a veterinarian’s opinion be sought before use.”
Support of heart function in case of chronic cardiac insufficiency	Low level of sodium and increased K/ Na ratio	Dogs and cats	— Sodium — Potassium — Magnesium	Initially up to 6 months	Indicate on the package, container or label: “It is recommended that a veterinarian’s opinion be sought before use or before extending the period of use.”
Regulation of glucose supply (Diabetes mellitus)	Low level of rapid glucose-releasing carbohydrates	Dogs and cats	— Carbohydrate source(s) — Treatment of carbohydrates if appropriate — Starch — Total sugar — Fructose (if added) — Content of essential fatty acids (if added) — Source(s) of short	Initially up to 6 months	Indicate on the package, container or label: “It is recommended that a veterinarian’s opinion be sought before use or before extending the period of use.”

(**25**) The manufacturer may complete the particular nutritional purpose with the reference “exocrine pancreatic insufficiency.”

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
			and medium chain fatty acids (if added)		
Support of liver function in case of chronic liver insufficiency	— High quality protein, moderate level of protein, low level of fat, high level of essential fatty acids and high level of highly digestible carbohydrates	Dogs	— Protein source(s) — Content of essential fatty acids — Highly digestible carbohydrates including their treatment if appropriate — Sodium — Total copper	Initially up to 6 months	Indicate on the package, container or label: “It is recommended that a veterinarian’s opinion be sought before use or before extending the period of use.”
	— High quality proteins, moderate level of protein, moderate level of fat and high level of essential fatty acids				
Cats	— Protein source(s) — Content of essential fatty acids — Sodium — Total copper				
Regulation of lipid metabolism	Low level of fat and high level of	Dogs and cats	— Content of	Initially up to 2 months	Indicate on the package, container or

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
in case of hyperlipidaemia	essential fatty acids		essential fatty acids — Contents of n-3 fatty acids (if added)		label: “It is recommended that a veterinarian’s opinion be sought before use or before extending the period of use.”
Reduction of copper in the liver	Low level of copper	Dogs	— Total copper	Initially up to 6 months	Indicate on the package, container or label: “It is recommended that a veterinarian’s opinion be sought before use or before extending the period of use.”
Reduction of excessive body weight	Low energy density	Dogs and cats	— Energy value (until 30th March 2002 calculated according to EC method — see Schedule 1)	Until target body weight is achieved	In the instructions for use an appropriate daily intake must be recommended
Nutritional restoration, convalescence(**26**)	High energy density, high concentration of essential nutrients and highly digestible feed materials	Dogs and cats	— Highly digestible feed materials including their treatment if appropriate — Energy value (until 30th March	Until restoration is achieved	In the case of feeding stuffs specially presented to be given via tubing, indicate on the package, container or label: “Administration under veterinary supervision.”

(**26**) In the case of feeding stuffs for cats, the manufacturer may complete the particular nutritional purpose with a reference to “Feline hepatic lipidosis.”

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
			2002 calculated according to EC method — see Schedule 1) - Contents of n-3 and n-6 fatty acids (if added)		
Support of skin function in case of dermatosis and excessive loss of hair	High level of essential fatty acids	Dogs and cats	— Contents of essential fatty acids	Up to 2 months	Indicate on the package, container or label: “It is recommended that a veterinarian’s opinion be sought before use.”
Reduction of the risk of milk fever	— Low level of calcium and/or — Low cations/anions ratio	Dairy cows	— Calcium — Phosphorus — Magnesium — Calcium — Phosphorus — Sodium — Potassium — Chlorides — Sulphur	1 to 4 weeks before calving	Indicate in the instructions for use: “Stop feeding after calving.”
Reduction of the risk of ketosis(**27**)	Feed materials providing glucogenic energy sources	Dairy cows and ewes	— Feed materials providing glucogenic energy sources — Propane-1,2-diol (if added as a	3 to 6 weeks after calving(**28**) Last 6 weeks before and the first 3 weeks after lambing(**29**)	

(**27**) The term “ketosis” may be replaced by “acetonaemia”. The manufacturers may also recommend the use of ketosis recuperation.
(**28**) In the case of feeding stuffs for dairy cows.
(**29**) In the case of feeding stuffs for ewes.

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
			glucose precursor) — Glycerol (if added as a glucose precursor)		
Reduction of the risk of tetany (hypomagnesaemia)	High level of available carbo-hydrates, moderate level of protein and low level of potassium	Ruminants	— Starch — Total sugars — Magnesium — Sodium — Potassium	3 to 10 weeks during periods of fast grass growth	In the instructions for use guidance shall be provided on the balance of the daily ration, with regard to the inclusion of fibre and easily available energy sources. In the case of feeding stuffs for ovines indicate on the package, container or label: “Especially for lactating ewes.”
Reduction of the risk of acidosis	Low level of easily fermentable carbo-hydrates and high buffering capacity	Ruminants	— Starch — Total sugars	Maximum 2 months(**30**)	In the instructions for use guidance shall be provided on the balance of the daily ration, with regard to the inclusion of fibre and easily fermentable carbohydrate

(**30**) In the case of feeding stuffs for dairy cows, “maximum two months from the start of lactation.”

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
					sources. In the case of feeding stuffs for dairy cows indicate on the package, container or label: "Especially for high yielding cows." In the case of feeding stuffs for ruminants for fattening indicate on the package, container or label: "Especially for intensively fed . . ."(**31**)
Stabilisation of water and electrolyte balance	Predominantly electrolytes and easily absorbable carbohydrates	Calves Piglets Lambs Kids Foals	— Carbohydrate source(s) — Sodium — Potassium — Chlorides	Up to 7 days (1 to 3 days if fed exclusively)	Indicate on the package, container or label: "In case of risk of, during periods of, or recovery from digestive disturbance (diarrhoea). It is recommended that a veterinarian's opinion be sought before use."
Reduction of the risk of urinary calculi	Low level of phosphorus, magnesium and urine acidifying properties	Ruminants	— Calcium — Phosphorus — Sodium — Magnesium — Potassium — Chlorides — Sulphur	Up to 6 weeks	Indicate on the package, container or label: "Especially for intensively fed young

(**31**) Indicate the category of ruminants concerned.

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
			— Urine acidifying substances		animals.” Indicate in the instructions for use: “Water should be available at all times.”
Reduction of stress reactions	High level of magnesium and/or Highly digestible feed materials	Pigs	— Magnesium — Highly digestible feed materials including their treatment if appropriate — Contents of n-3 fatty acids (if added)	1 to 7 days	Guidance shall be provided on the situation in which the use of this feed is appropriate.
Stabilisation of physiological digestion	Low buffering capacity and highly digestible feed materials	Piglets	— Highly digestible feed materials including their treatment if appropriate — Buffering capacity — Source(s) of astringent substances (if added) — Source(s) of mucilaginuous substances (if added)	2 to 4 weeks	Indicate on the package, container or label: “In the case of risk of, during periods of, or recovery from, digestive disturbance.”

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
	Highly digestible feed materials	Pigs	— Highly digestible feed materials including their treatment if appropriate — Source(s) of astringent substances (if added) — Source(s) of mucilaginous substances (if added)		
Reduction of the risk of constipation	Feed materials stimulating intestinal passage	Sows	— Feed materials stimulating intestinal passage	10 to 14 days before and 10 to 14 days after farrowing	
Reduction of the risk of fatty liver syndrome	Low energy and high proportion of metabolizable energy from lipids with high level of polyunsaturated fatty acids	Laying hens	— Energy value (calculated according to EEC method — see Schedule 1) — Percentage of metabolizable energy from lipids — content of polyunsaturated fatty acids	Up to 12 weeks	

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
Compensation for malabsorption	Low level of saturated fatty acids and high level of fat soluble vitamins	Poultry excluding geese and pigeons	— Percentage of saturated fatty acids in relation to total fatty acids — Total vitamin A — Total vitamin D — Total vitamin E — Total vitamin K	During the first 2 weeks after hatching	
Compensation for chronic insufficiency of small intestine function	Highly precaecally digestible carbohydrates, proteins and fats	Equines(**32**)	— Source(s) of highly digestible carbohydrates, proteins and fats including their treatment if appropriate	Initially up to 6 months	Guidance shall be provided on the situations in which the use of this feed is appropriate and the manner in which it should be fed including many small meals per day. Indicate on the package, container or label: “It is recommended that a veterinarian’s opinion be sought before use or before

(**32**) In the case of feeding stuffs specially prepared to meet the specific conditions of very old animals (easily digestible feed materials) a reference to “old animals” shall complete the indication of the species or category of animal.

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
					extending the period of use.”
Compensation of chronic digestive disorders of large intestine	Highly digestible fibre	Equines	— Fibre source(s) — Contents of n-3 fatty acids (if added)	Initially up to 6 months	Guidance shall be provided on the situations in which the use of the feed is appropriate and the manner in which the feed should be fed. Indicate on the package, container or label: “It is recommended that a veterinarian’s opinion be sought before use or before extending the period of use.”
Reduction of stress reactions	Highly digestible feed materials	Equines	— Magnesium — Highly digestible feed materials including their treatment if appropriate — Content of n-3 fatty acids (if added)	2 to 4 weeks	Guidance shall be provided on the precise situations in which the use of the feed is appropriate.
Compensation of electrolyte loss in cases of heavy sweating	Predominantly electrolytes and easily absorbable carbohydrates	Equines	— Calcium — Sodium — Magnesium — Potassium — Chlorides — Glucose	1 to 3 days	Guidance shall be provided on the precise situations in which the use of the feed is appropriate. When the feed

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
					corresponds to a significant part of the daily ration, guidance should be provided to prevent the risk of abrupt changes in the nature of the feed. Indicate on the instructions for use: "Water should be available at all times."
Nutritional restoration, convalescence	High concentration of essential nutrients and highly digestible feed materials	Equines	— Highly digestible feed materials including their treatment if appropriate — Content of n-3 and n-6 fatty acids (if added)	Until restoration is achieved	Guidance shall be provided on the situations in which the use of this feed is appropriate. In the case of feeding stuffs specially presented to be given via tubing, indicate on the package, container or label: "Administration under veterinary supervision."
Support of liver function in case of chronic liver insufficiency	Low level of protein but of high quality and highly digestible carbohydrates	Equines	— Protein and fibre source(s) — Highly digestible carbohydrates including their treatment	Initially up to 6 months	Guidance shall be provided on the manner in which the feed should be fed including many small meals per day. Indicate on

Column 1 Particular nutritional purpose	*Column 2 Essential nutritional characteristics*	*Column 3 Species or category of animal*	*Column 4 Labelling declarations*	*Column 5 Recommended length of time for use*	*Column 6 Other provisions*
			if appropriate — Methionine — Choline — Contents of n-3 fatty acids (if added)		the package, container or label:"It is recommended that a veterinarian's opinion be sought before use or before extending the period of use."
Support of renal function in case of chronic renal insufficiency	Low level of protein but of high quality and low level of phosphorus	Equines	— Protein source(s) — Calcium — Phosphorus — Potassium — Magnesium — Sodium	Initially up to 6 months	Indicate on the package, container or label: "It is recommended that a veterinarian's opinion be sought before use or before extending the period of use." Indicate on the instructions for use: "Water should be available at all times."

Chapter B

1. Where there is more than one group of nutritional characteristics indicated in column 2 of Chapter A, denoted by "and/or", for the same nutritional purpose, the feeding stuff may have either or both groups in order to fulfil the nutritional purpose specified in column 1.

2. Where a group of additives is mentioned in column 2 or column 4 of Chapter A, the additive(s) used must be authorised as corresponding to the specified essential characteristic.

3. Where the source(s) of feed materials or of analytical constituents is/are required in column 4 of Chapter A the manufacturer must make a specific declaration (i.e. specific name of the feed material(s), animal species or part of the animal) allowing the evaluation of conformity of the feeding stuff with the corresponding essential nutritional characteristics.

4. Where the declaration of a substance, also authorised as an additive, is required by column 4 of Chapter A and is accompanied by the expression "total", the declared content must refer to, as appropriate, the quantity naturally present where none is added or the total quantity of the substance naturally present and the amount added as an additive.

5. The declarations specified in column 4 of Chapter A which include the words "if added" are required where the feed material or the additive has been incorporated or its content increased specifically to enable the achievement of the particular nutritional purpose.

6. The declarations to be given in accordance with column 4 of Chapter A concerning analytical constituents and additives must be expressed in quantitative terms.

7. The recommended period of use indicated in column 5 of Chapter A indicates a range within which the nutritional purpose should normally be achieved. Manufacturers may refer to more precise periods of use, within the permitted range.

8. Where a feeding stuff is intended to meet more than one particular nutritional purpose, it must comply with the corresponding entries in Chapter A.

9. In the case of a complementary feedingstuff intended for a particular nutritional purpose, guidance on the balance of the daily ration must be provided in the instructions for use.

SCHEDULE 10

Regulation 17 and Schedule 4 Part I Paragraphs 18 and 19

Part I

Categories of feed materials for use in relation to compound feeding stuffs for pet animals

Description of the Category	*Definition*
1. Meat and animal derivatives	All the fleshy parts of slaughtered warm-blooded land animals fresh or preserved by appropriate treatment, and all products and derivatives of the processing of the carcase or parts of the carcase of such animals
2. Milk and milk derivatives	All milk products, fresh or preserved by appropriate treatment and derivatives from the processing thereof
3. Eggs and egg derivatives	All egg products fresh or preserved by appropriate treatment, and derivatives from the processing thereof
4. Oils and fats	All animal and vegetable oils and fats
5. Yeasts	All yeasts, the cells of which have been killed and dried
6. Fish and fish derivatives	Fish or parts of fish, fresh or preserved by appropriate treatment, and derivatives from the processing thereof
7. Cereals	All types of cereal, regardless of their presentation, or products made from the starchy endosperm

Description of the Category	*Definition*
8. Vegetables	All types of vegetables and legumes, fresh or preserved by appropriate treatment
9. Derivatives of vegetable origin	Derivatives resulting from the treatment of vegetable products in particular cereals, vegetables, legumes and oil seeds
10. Vegetable protein extracts	All products of vegetable origin in which the proteins have been concentrated by an adequate process to contain at least 50% protein, as related to the dry matter, and which may be restructured or textured
11. Minerals	All inorganic substances suitable for animal feed
12. Various sugars	All types of sugar
13. Fruit	All types of fruit, fresh or preserved by appropriate treatment
14. Nuts	All kernels from shells
15. Seeds	All types of seeds as such or roughly crushed
16. Algae	Algae, fresh or preserved by appropriate treatment
17. Molluscs and crustaceans	All types of molluscs, crustaceans, shellfish, fresh or preserved by appropriate treatment, and their processing derivatives
18. Insects	All types of insects in any stage of development
19. Bakery products	All bread, cakes, biscuits and pasta products

Part II

Categories of feed materials for use in relation to compound feeding stuffs for animals other than pets

Description of the Category	*Definition*
1. Cereal grains	The whole of the grain from all cereal types (including buck-wheat) regardless of their presentation, but from which no fraction other than hulls has been removed
2. Cereal grain products and by-products	Fractional products and by-products of cereal grains other than oils included in category 14 These products and by-products contain not more than 25% fibre in the dry matter
3. Oil seeds	The whole of the seed or fruit from all types of oil seeds and oil fruits regardless of their

Description of the Category	*Definition*
	presentation, but from which no fractions other than hulls or shells have been removed
4. Oil seed products and by-products	Fractional products and by-products of oil seeds and oil fruits other than oils and fats included in category 14 These products and by-products contain not more than 25% fibre in the dry matter unless they contain more than 5% oils and fats in the dry matter, or more than 15% protein in the dry matter
5. Products and by-products of legume seeds	Whole and fractional products and by-products of legume seeds other than leguminous oil seeds included in categories 3 and 4 These products and by-products contain not more than 25% fibre in the dry matter
6. Products and by-products of tubers and roots	Products and by-products derived from tubers and roots other than sugar beet included in category 7 These products and by-products contain not more than 25% fibre in the dry matter
7. Products and by-products of sugar production	Products and by-products of sugar beet and sugar cane These products and by-products contain not more than 25% fibre in the dry matter
8. Products and by-products of fruit processing	Products and by-products of fruit processing These products and by-products do not contain more than 25% fibre in the dry matter, unless they contain more than 5% oils and fats in the dry matter, or more than 15% protein in the dry matter
9. Dried forages	Aerial parts of forage plants, cut while green, artificially or naturally dried These products contain not more than 25% fibre in the dry matter unless they contain more than 15% protein in the dry matter
10. High fibre materials	Feed materials containing more than 25% fibre in the dry matter, such as straw, hulls and chaff, other than products included in categories 5, 6 and 9

Description of the Category	*Definition*
11. Milk products	Products derived from the processing of milk, other than separated milk fats included in category 14
12. Fish products	Whole or part of fish and other cold blooded marine animals, including products from fish processing other than fish oil and its derivations included in category 14. Also excluding products containing more than 50% ash in the dry matter included in category 13
13.	Inorganic or organic materials containing more than 50% ash in the dry matter other than materials containing more than 5% of ash insoluble in hydrochloric acid in the dry matter
14. Oils and fats	Oils and fats from animal and vegetable sources, and their derivatives
15. Products from the bakery and pasta industries	Waste and surplus materials from the bakery and pasta industries