STATUTORY INSTRUMENTS

1986 No. 177

AGRICULTURE

The Feeding Stuffs Regulations 1986

Made - - - - -	*4th February* 1986
Laid before Parliament	*17th February* 1986
Coming into Operation	*10th March* 1986

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The Minister of Agriculture, Fisheries and Food, the Secretary of State for Scotland and the Secretary of State for Wales, acting jointly, in exercise of the powers conferred by sections 66(1), 68(1), (1A) and (3), 69(1) and (3), 70(1), 73(3), 74(1), 74A and 84 of the Agriculture Act 1970(**a**) and now vested in them(**b**) and of all other powers enabling them in that behalf, after consultation in accordance with section 84(1) of the said Act with such persons or organisations as appear to them to represent the interests concerned, hereby make the following regulations—

Title and commencement

1. These regulations may be cited as the Feeding Stuffs Regulations 1986 and shall come into operation on 10th March 1986.

Interpretation

2.— (1) In these regulations, unless the context otherwise requires—

"The Act" means the Agriculture Act 1970;

"additive" means any substance specified in the Table to Schedule 4 as a substance which may be contained in material intended for use as a feeding stuff;

"ash" means the matter which results from the treatment of the feeding stuff according to the procedure described in method 12 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982(**c**);

"complementary feeding stuff" means a mixture of feeding stuffs which has a high content of certain substances and which, by reason of its composition, is sufficient for a daily ration only if it is used in combination with other feeding stuffs;

"complete feeding stuff" means a compound feeding stuff which, by reason of its composition, is sufficient to ensure a daily ration;

"compound feeding stuff" means organic or inorganic substances other than additives in mixtures, for oral animal feeding in the form of complete or complementary feeding stuffs;

"daily ration" means the total quantity of feeding stuff, expressed on 12 per cent moisture basis, required by an animal of a given kind, age group and level of production in order to satisfy its average daily nutritional needs;

"fibre" means the organic matter calculated as a result of treatment of the feeding stuff according to the procedure described in method 9 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982;

(**a**) 1970 c.40; section 74A was inserted by the European Communities Act 1972 (c.68), Schedule 4, paragraph 6, and the Act was amended by the Agriculture Act 1970 Amendment Regulations 1982 (S.I. 1982/980).
(**b**) In the case of the Secretary of State for Wales by virtue of S.I. 1978/272.
(**c**) S.I. 1982/1144, to which there are amendments not relevant to these regulations.

"medicinal product" and "medicinal purpose" have the meanings assigned to them by section 130(1) and (2) respectively of the Medicines Act 1968(a);

"mineral feeding stuff" means a complementary feeding stuff which is composed mainly of minerals and which contains at least 40 per cent by weight of ash;

"molassed feeding stuff" means a complementary feeding stuff prepared from molasses and which contains at least 14 per cent by weight of total sugar expressed as sucrose;

"moisture" means water and other volatile material determined according to the procedure described in method 2 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982;

"oil" means the extract obtained as a result of treatment of the feeding stuff according to the procedure described in method 3 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982;

"pet food" means a feeding stuff for pet animals and "compound pet food" shall be construed accordingly;

"protein" means the matter obtained as a result of treatment of feeding stuff according to the procedure described in method 4 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982;

"straight feeding stuff" means a single substance of animal, vegetable or mineral origin in its natural state, fresh or preserved, and its derivatives after industrial processing (whether or not including the substances controlled under regulation 15), intended for sale or sold to keepers or breeders for the feeding of any animal without mixing with any other material.

(2) Any reference in these regulations to a numbered regulation or Schedule shall, unless the context otherwise requires, be construed as a reference to the regulation or Schedule bearing that number in these regulations.

(3) Any reference in these regulations to a numbered section shall, unless the reference is to a section of a specified Act, be construed as a reference to the section bearing that number in the Act.

Descriptions of animals prescribed for the purpose of the definition of feeding stuff

3. For the purpose of the definition of feeding stuff in section 66(1), bulls, cows, steers, heifers, calves, sheep, goats, swine, horses, rabbits, mink, partridges, pheasants, poultry, bees, trout and salmon are prescribed animals.

Prescribed descriptions of material

4. The description of material prescribed for the purposes of sections 68(1) and 69(1) shall be any material usable as a feeding stuff other than a straight feeding stuff intended for use as a pet food.

(a) 1968 c.67.

Matters required and permitted to be contained in a statutory statement

5. For the purposes of subsections (1) and (1A) of section 68 the particulars, information and instructions required, and the particulars, information and instructions permitted, to be contained in a statutory statement shall be those set out in Schedule 1.

Form of statutory statement

6.— (1) In the case of material of a prescribed description delivered in a package or other container the statutory statement shall either

(a) take the form of a label attached to that package or container, or

(b) be clearly marked directly thereon;

and in the case of such material delivered in bulk the statutory statement shall take the form of a document relating to each consignment.

(2) The particulars, information and instructions required by section 68(1) and permitted by section 68(1A) to be contained in a statutory statement shall—

(a) be clearly separate from any other information,

(b) be in English, and

(c) be legible and indelible.

(3) For the purposes of section 69 (marking of material prepared for sale), material of a prescribed description which is contained in a package or other container shall be labelled or marked in the manner prescribed in relation to such material in paragraph (1) of this regulation, and such material in bulk shall be marked by the display in as close proximity to the material as may be practicable of a document relating thereto.

Control of particulars concerning the ingredients of compound feeding stuffs

7.— (1) No person shall

(a) sell a compound feeding stuff in relation to which the statutory statement, label or any document given to the purchaser in connection with a particular delivery, refers to the presence of any ingredient (other than a substance required or permitted by regulation 5 to be named in the statutory statement or a substance controlled under regulation 15); or

(b) have on his premises for the purpose of selling it in the course of trade any compound feeding stuff which is ready for sale and marked so as to show the presence of any such ingredient,

unless the statutory statement or label or document or mark, as the case may be, lists all the ingredients present in the compound feeding stuff concerned, either individually or in appropriately described categories of ingredients of like characteristic or nature, or a combination thereof, in descending order of proportion by weight.

(2) Without prejudice to the provisions of paragraph (1) above, no person shall, in any statutory statement relating to a compound feeding stuff intended for use as a pet food—

(a) use any description of any category of ingredients other than the appropriate description specified in relation to that category in the first column of Schedule 6, or

(b) include in any list of ingredients both a description of a category of ingredients and the name of an individual ingredient, except in the case of an individual ingredient which is not included in any category described and defined in Schedule 6.

Time by which a statutory statement relating to certain material must be given

8. For the purpose of section 68(3), any statutory statement required to be given on the sale of any material delivered in bulk, not being a compound feeding stuff, may be given as soon as practicable after delivery to the purchaser.

Register of marks

9.— (1) As respects any material (not being a compound feeding stuff) of a prescribed description the matters required by section 69(1) to be marked on that material may be denoted by a mark whose meaning can be ascertained by reference to a register kept in accordance with this regulation.

(2) In the case of any compound feeding stuff, not being of a standard formulation on general sale by the seller concerned, which is specially manufactured or mixed to the order of a particular purchaser, there shall be an indication in a document, ticket or notice which is readily apparent and unequivocally associated with the material, of the type of feeding stuff and of the name or trade name, and of the address or registered office of the manufacturer. The other matters required by section 69(1) to be marked on the material may be denoted by a mark whose meaning can be ascertained by reference to a register kept in accordance with this regulation.

(3) The register shall show those matters to which the mark relates, being matters required to be contained in a statutory statement relating to the material to which the mark relates, and the date of entry of those particulars in the register, and entries relating to material of a kind mentioned in paragraph (2) of this regulation shall include the name and address of the purchaser, the date of the order and the amount ordered. The register shall be kept as a separate record in book form marked on the outside "Register of marks under section 69(6) of the Agriculture Act 1970" and shall be kept on the premises where the material is held for the purpose of selling it in the course of trade for use as a feeding stuff, save that if the material is in a public store the register shall be kept on the premises of the person who has the material for sale.

(4) The period for which the register is to be preserved in accordance with section 69(7) shall be a period of six months commencing on the first day on which none of the materials referred to in the register remains on the premises for sale as aforesaid.

(5) The register shall be made and kept by the seller concerned.

Assigned Meanings

10. For the purposes of section 70 the meaning assigned by these regulations to "complementary feeding stuff", "complete feeding stuff", "compound feeding stuff", "mineral feeding stuff" and "molassed feeding stuff" shall be in each case the meaning given to that name or expression by regulation 2(1).

Limits of variation

11. For the purpose of section 74, the limits of variation in relation to any mis-statement in a statutory statement or mark as to the nature, substance or quality of a feeding stuff which relates to an analytical constituent mentioned in the first column of Schedule 3 shall be as set out with respect to that constituent in the second column of the said Schedule.

Manner of packaging and sealing compound feeding stuffs

12.— (1) Subject to paragraphs (2) and (3) below no person shall sell a compound feeding stuff unless it is in a bag or container and unless that bag or container is sealed in such a way that when the bag or container is opened the seal is damaged and cannot be re-used.

(2) Compound feeding stuffs may be sold in bulk, in unsealed bags or in unsealed containers in the case of—

(a) deliveries between producers or sellers of compound feeding stuffs;

(b) deliveries from producers of compound feeding stuffs to packaging firms;

(c) compound feeding stuffs obtained by mixing grain or whole fruit;

(d) blocks or licks; and

(e) small quantities not exceeding 50 kg in weight, which are intended for the final user and are taken directly from a bag or container which before opening complied with the sealing provision of paragraph (1) above.

(3) Compound feeding stuffs may be sold in bulk, or in unsealed containers, but not in unsealed bags in the case of—

(a) direct deliveries from the producer to the final user;

(b) molassed feeding stuffs consisting of less than three ingredients; and

(c) pelleted feeding stuffs.

Meanings of names

13. For the purpose of section 70, any name of a material specified in the second column of Schedule 2 shall have the meaning assigned thereto in the third column of the said Schedule.

Control of the moisture content of certain compound feeding stuffs

14. No person shall sell or have in possession with a view to sale a compound feeding stuff which contains more than 40% of milk products by weight, unless the said feeding stuff contains no more than 7% of moisture by weight.

Control of feeding stuffs containing additives

15.— (1) No person shall sell or have in possession with a view to sale for use as a feeding stuff, or use as a feeding stuff, or import into Great Britain for such use any material containing any additive, unless—

(a) the material complies with the relevant provisions of Schedule 4, and

(b) in the case of Part VI of the Table in that Schedule, the material is a compound of the element named in column 1 thereof,

and it shall be proof of an offence under section 74A(3) if a sampled portion of the material is shown by an analysis of the sample taken from it not to comply with a relevant provision of the said Schedule.

(2) Paragraph (1) of this regulation shall not apply to any substance which is—

(a) for use in accordance with a written direction given by a veterinary surgeon or veterinary practitioner for the treatment of a particular animal or particular animals under his care; or

(b) a medicinal product or for use for a medicinal purpose in a feeding stuff.

(3) No person shall use as a feeding stuff or import into Great Britain for such use any material containing any added substance, not being a substance of a name or description specified in the Table in Schedule 4, which is deleterious to animals of any description specified in regulation 3, to pet animals or to human beings, and it shall be proof of an offence under section 74A(3) if a sampled portion of the material is shown by an analysis of the sample taken from it to contain an added substance which is deleterious as aforesaid.

(4) No person shall sell, or have in possession with a view to sale, for use as a feeding stuff, or import into Great Britain for such use, any complementary feeding stuff which, when diluted as specified by the manufacturer for feeding to animals, contains levels of additives which exceed those specified in Schedule 4 in relation to complete feeding stuffs.

Control of feeding stuffs containing undesirable substances

16.— (1) No person shall sell, or have in possession with a view to sale, to any keeper or breeder of any animal, for use as a feeding stuff, any material specified in the second column of Schedule 5 which, as respects a sampled portion, contains any substance specified in the first column of the said Schedule in excess of the level specified in relation thereto in the third column of the said Schedule and it shall be proof of an offence under section 74A(3) if a sampled portion of the material is shown by an analysis of the sample taken from it to contain such a substance in such excess.

(2) No person shall sell or have in possession with a view to sale any complementary feeding stuff containing a substance listed in the first column of Schedule 5 in relation to which that complementary feeding stuff is not specified in the second column thereof, unless the directions for use are worded with the object of ensuring that—

(a) that complementary feeding stuff is used only as part of a daily ration, and

(b) that daily ration contains no more of the said substance than the level specified in relation thereto for complete feeding stuffs.

(3) Paragraphs (1) and (2) of this regulation shall not apply to any substance which is—

(a) for use in accordance with a written direction given by a veterinary surgeon or a veterinary practitioner for the treatment of a particular animal or particular animals under his care; or

(b) a medicinal product or for use for a medicinal purpose in a feeding stuff.

Restriction on importation and sale of material containing Aflatoxin B_1

17. No person shall import into Great Britain, or sell or have in possession with a view to sale, for use as a feeding stuff any material which is groundnut or a derivative of groundnut in which the level of Aflatoxin B_1 exceeds 0.05 mg/kg, and it shall be proof of an offence under section 74A(3) if a sampled portion of the material is shown by an analysis of the sample taken from it to contain a level of Aflatoxin B_1 exceeding 0.05 mg/kg.

Control of certain protein sources

18.— (1) Subject to paragraph (3) of this regulation, no person shall sell, or have in his possession with a view to sale, for use as a feeding stuff, any material belonging to a product group specified in column 1 of Schedule 7 unless that material—

(a) is named as a permitted product in column 2 of that Schedule, and

(b) complies with all the specifications and requirements contained in and imposed in relation thereto by columns 3 to 7 of the Schedule.

(2) No person shall—

(a) sell, or have in his possession with a view to sale, for use as a feeding stuff, or

(b) use as a feeding stuff

any product obtained from yeasts of the "Candida" variety cultivated on n-alkanes.

(3) Until the 1st January 1988, paragraph (1) of this regulation shall not apply to any product which was lawfully marketed before the 1st January 1985.

Modification of the Agriculture Act 1970 in relation to all feeding stuffs

19.— (1) Sections 66 and 82 of the Act shall apply, in relation to all feeding stuffs subject to the modifications provided for in the following paragraphs.

(2) For subsection (2) of section 66 there shall be substituted the following subsection—

"(2) For the purposes of this Act—

(a) material shall be treated as sold for use as a fertiliser whether it is sold to be so used by itself or as an ingredient in something which is to be so used;

(b) material shall be treated—

(i) as imported or sold for use as a feeding stuff whether it is imported or, as the case may be, sold to be so used by itself or as an ingredient in something which is to be so used, and

(ii) as used as a feeding stuff whether it is so used by itself or as an ingredient in something which is to be so used".

(3) In subsection (1) of section 82 for the words "68(4)*(b)* and *(c)*" there shall be substituted the words "68(1A), (4) (*b*) and (*c*)" and for the words "and 73" there shall be substituted the words "73, 73A and 74A".

Modification of the Agriculture Act 1970 in relation to imported feeding stuffs

20.— (1) In relation to feeding stuffs which have been imported section 69(1) shall have effect subject to the modifications provided for in the following paragraph.

(2) The words "and in either case before it is removed from the premises" shall be omitted, and for the words "the material" there shall be substituted the words "any material which has been marked in accordance with this subsection".

Exemptions

21. These regulations shall not apply to any feeding stuff which is intended for use only for—

(a) the experimental investigation or testing of substances controlled under regulation 15, or

(b) other purposes of scientific research or experiment,

and which is not generally available for sale, purchase or use as a feeding stuff, and is clearly marked to that effect.

Revocation

22. The Feeding Stuffs Regulations 1982(a) shall cease to have effect in relation to feeding stuffs on 10th March 1986.

In Witness whereof the Official Seal of the Minister of Agriculture, Fisheries and Food is hereunto affixed on 31st January 1986.

L.S.

Michael Jopling,
Minister of Agriculture, Fisheries and Food.

(a) S.I. 1982/1143, amended by S.I. 1984/51.

Malcolm Rifkind,
Secretary of State for Scotland.

4th February 1986.

Nicholas Edwards,
Secretary of State for Wales.

4th February 1986.

SCHEDULE 1 Regulation 5

CONTENTS OF THE STATUTORY STATEMENT

1.— (1) In the case of any material sold for use as a feeding stuff, the name or trade name and address or registered office of the person responsible for the accuracy of 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 batch number;

(c) the final date or time limit by which or during which the material should be used;

(d) the trade name of the material;

(e) the price of the material; and

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

2. In the case of any material to which there has been added in the course of manufacture or preparation for sale any of the undermentioned substances (other than as a medicinal product or for a medicinal purpose)—

(1) The following particulars specified below in relation to each substance shall also be contained in the statutory statement:

(a) copper or magnesium, a statement of the total amount present (whether naturally present or added) of any copper (if present in excess of 50 milligrams per kilogram) or magnesium (if present in excess of 0.5 per cent);

(b) antioxidant, colourant or preservative, either the words "contains permitted antioxidant", "contains permitted colourant", or "contains permitted preservative" as appropriate, or the name of the antioxidant, colourant or preservative;

(c) vitamin A D or E, the name of the vitamin and a statement of the total amount present (whether naturally present or added) and an indication of the period during which that amount will remain present; and

(d) molybdenum or selenium, a statement of the total amount of molybdenum or selenium present (whether naturally present or added).

(2) The following additional particulars specified below in relation to each substance may be contained in the statutory statement:

(a) iron, a statement of the total amount of iron present (whether naturally present or added);

(b) iodine, a statement of the total amount of iodine present (whether naturally present or added);

(c) cobalt, a statement of the total amount of cobalt present (whether naturally present or added);

(d) manganese, a statement of the total amount of manganese present (whether naturally present or added);

(e) zinc, a statement of the total amount of zinc present (whether naturally present or added);

(f) copper, (if present at a level of no more than 50 milligrams per kilogram), a statement of the total amount of copper present (whether naturally present or added); and

(g) vitamins (other than A, D or E), pro-vitamins and chemically well-defined substances having effects similar to those of vitamins, the name of each vitamin, pro-vitamin or other such substance present, a statement of the total amount of each of them (whether naturally present or added) and an indication of the period during which that amount of each of them will remain present.

(3) Any amount referred to—

(a) in subparagraph (1)*(a)* of this paragraph shall be expressed as a percentage by weight, unless the amount is less than 0.1 per cent by weight, in which case it shall be expressed in milligrams per kilogram;

(b) in subparagraphs (1)*(d)* or (2)*(a)* to *(f)* inclusive of this paragraph shall be expressed in milligrams per kilogram; and

(c) in subparagraphs (1)*(c)* or (2)*(g)* of this paragraph shall be expressed in international units per kilogram, units per kilogram or micrograms per kilogram.

3. In the case of any material of any description, not being a pet food, named in the second column of Schedule 2, the following particulars shall also be contained in the statutory statement:

(a) the name of the feeding stuff specified in the said second column;

(b) an indication of the form of presentation of the feeding stuff and of any process which the feeding stuff has undergone in the course of preparation or manufacture if this is not clear from the name;

(c) denaturing agents: nature and quantity where materials referred to in the second column of Schedule 2 are used to denature straight feeding stuffs;

(d) binding agents: nature where materials referred to in the second column of Schedule 2 are used to bind straight feeding stuffs, provided that such materials do not exceed 3% by weight of the straight feeding stuff; and

(e) the amounts of each of the analytical constituents which are listed in the fourth column of Schedule 2.

4. In the case of any material of any description, not being a pet food, named in the second column of Schedule 2, the following additional particulars may be contained in the statutory statement:

(a) directions for use of the material; and

(b) the amounts of any of the analytical constituents which are listed in the fifth column of Schedule 2.

5. In the case of a straight feeding stuff, not being a pet food, which is not named in column 2 of Schedule 2, a name or description or a name and description sufficiently specific to indicate the nature of the material shall also be contained in the statutory statement.

6. In the case of any straight feeding stuff, not being a pet food, the words "straight feeding stuff" shall also be contained in the statutory statement.

7. In the case of any compound feeding stuff the following particulars shall also be contained in the statutory statement:

(a) a name or description, or a name and description which clearly indicates that the material is a compound feeding stuff, which name or description may include references to the species or category of animal, and the purpose for which the material is intended;

(b) the species or category of animal for which the material is intended if this is not apparent from the particulars given in accordance with *(a)* above, except that, where the material comprises no more than three ingredients and where the ingredients concerned appear in the name or description, the species or category of animal may be omitted from the statutory statement; and

(c) directions for use and the intended purpose of the material if this is not apparent from the particulars given in accordance with *(a)* or *(b)* above, except that, where the material comprises no more than three ingredients and where the ingredients concerned appear in the name or description, the directions for use and the intended purpose may be omitted from the statutory statement.

8. In the case of any compound feeding stuff the following additional particulars may be contained in the statutory statement:

(a) the date of manufacture;

(b) directions for use when not required to be given in accordance with paragraph 7*(c)* above; and

(c) ingredients when not required to be given in accordance with sub-paragraph 12*(a)*(v) below.

9. In the case of a molassed feeding stuff—

(a) the following particulars shall also be contained in the statutory statement:

(i) amount of fibre; and

(ii) amount of total sugar expressed as sucrose.

(b) the following additional particulars may be contained in the statutory statement:

(i) amount of moisture;

(ii) amount of starch;

(iii) amount of total sugar plus starch;

(iv) amount of protein soluble in pepsin and hydrochloric acid;

(v) amount of calcium;

(vi) amount of magnesium;

(vii) amount of sodium;

(viii) amount of phosphorus; and

(ix) in the case of material intended for the feeding of pigs, poultry and pre-ruminating ruminants, amounts of cystine, lysine or methionine.

10. In the case of a mineral feeding stuff—

(a) the following particulars shall also be contained in the statutory statement:

(i) amount of calcium;

(ii) amount of phosphorus; and

(iii) amount of sodium.

(b) the following additional particulars may be contained in the statutory statement:

(i) amount of protein;

(ii) amount of protein soluble in pepsin and hydrochloric acid;

(iii) amount of oil;

(iv) amount of fibre;

(v) amount of magnesium; and

(vi) amount of ash.

11. In the case of a compound feeding stuff not referred to in paragraphs 9 and 10 above nor a compound pet food nor a whole grain mix—

(a) the following particulars shall also be contained in the statutory statement:

(i) amount of protein;

(ii) amount of oil;

(iii) amount of fibre; and

(iv) amount of ash.

(b) the following additional particulars may be contained in the statutory statement:

(i) amount of protein soluble in pepsin and hydrochoric acid;

(ii) amount of moisture;

(iii) amount of starch;

(iv) amount of total sugar plus starch;

(v) amount of total sugar expressed as sucrose;

(vi) amount of calcium;

(vii) amount of magnesium;

(viii) amount of sodium;

(ix) amount of phosphorus; and

(x) in the case of material intended for the feeding of pigs, poultry and pre-ruminating ruminants, amounts of cystine, lysine or methionine.

12. In the case of a compound pet food for dogs or cats—

(a) the following particulars shall also be contained in the statutory statement:

(i) amount of protein;

(ii) amount of oil;

(iii) amount of fibre;

(iv) amount of ash; and

(v) ingredients.

(b) the following additional particulars may be contained in the statutory statement:

(i) amount of calcium;

(ii) amount of sodium;

(iii) amount of phosphorus; and

(iv) amount of moisture.

13. In the case of a compound pet food not referred to in paragraph 12 above, the following additional particulars may be contained in the statutory statement:

(a) amount of moisture;

(b) amount of protein;

(c) amount of oil;

(d) amount of fibre;

(e) amount of ash;

(f) amount of calcium;

(g) amount of sodium; and

(h) amount of phosphorus.

14. In the particulars set out in the preceeding paragraphs:

(a) unless the paragraph in question specifies some other method of expression, the amounts of the analytical constituents specified shall be expressed as a definite percentage of the weight of the material and not as a range of percentages; and

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

15. In the case of a product named as a permitted product in column 2 of Schedule 7, or, as the case may be, of a compound feeding stuff containing such a product, 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 or, as the case may be, in relation to compound feeding stuffs containing it.

SCHEDULE 2

Regulation 13 and Schedule 1

MATERIALS AND THEIR MEANINGS

Group	Name of feeding stuff	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
OIL CAKES AND MEALS	Macoya palm kernel expeller	By-product of oil manufacture, obtained by pressing from seeds separated from their pulp of the following species of Macoya palm *Acrocomia sclerocarpa Mart.* and *Acrocomia totai Mart.*	Protein Fibre Oil	Ash Moisture
	Macoya extracted palm kernel	By-product of oil manufacture, obtained by extraction from seeds of Macoya palm separated from their pulp	Protein Fibre	Ash Moisture Oil
	Macoya palm pulp	By-product of oil manufacture, obtained by pressing from pulp of Macoya palm	Protein Fibre Oil	Ash Moisture
	Decorticated groundnut expeller	By-product of oil manufacture, obtained by pressing from decorticated groundnuts (species *Arachis hypogaea* and other species of *Arachis*)	Protein Fibre Oil	Ash Moisture
	Extracted decorticated groundnut	By-product of oil manufacture, obtained by extraction from decorticated groundnut seeds	Protein Fibre	Ash Moisture Oil
	Partly-decorticated groundnut expeller	By-product of oil manufacture, obtained by pressing from partly-decorticated groundnut seeds	Protein Fibre Oil	Ash Moisture
	Extracted, partly-decorticated groundnut	By-product of oil manufacture, obtained by extraction from partly-decorticated groundnut seeds	Protein Fibre	Ash Moisture Oil
	Rape seed expeller	By-product of oil manufacture, obtained by pressing from 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 campestris L. ssp. oleifera (Metzg.) Sinsk.*	Protein Fibre Oil	Ash Moisture

SCHEDULE 2—*continued*

MATERIALS AND THEIR MEANINGS

Group	Name of feeding stuff	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
	Extracted rape seed	By-product of oil manufacture, obtained by extraction from seeds of colza, Indian sarson or rape	Protein Fibre	Ash Moisture Oil
	Copra expeller	By-product of oil manufacture, obtained by pressing from copra, the dried kernel (endosperm) and testa of the coconut palm, *Cocos nucifera L.*	Protein Fibre Oil	Ash Moisture
	Extracted copra	By-product of oil manufacture, obtained by extraction from copra, the dried kernel (endosperm) and testa of the coconut palm	Protein Fibre	Ash Moisture Oil
	Coconut cakes or meals	The residue resulting from the removal of oil from commercially pure coconut kernels	Protein Fibre Oil	Ash Moisture
	Palm kernel expeller	By-product of oil manufacture, obtained by pressing from palm nuts, from which as much as possible of the hard shell has been removed, of the following species of oil palm: *Elaeis guineensis Jacq., Corozo oleifera (H.B.K.) L.H. Bailey (Elaeis melanococca-auct.)*	Protein Fibre Oil	Ash Moisture
	Extracted palm kernel	By-product of oil manufacture, obtained by extraction from palm nuts of the species of oil palm from which as much as possible of the hard shell has been removed	Protein Fibre	Ash Moisture Oil
	Soya expeller	By-product of oil manufacture, obtained by pressing from soya beans (the seed of the species *Glycine max. (L.) Merr.*)	Protein Fibre Oil	Ash Moisture

	Extracted toasted soya	By-product of oil manufacture, obtained from soya bean seeds by extraction and appropriate heat treatment	Protein Fibre	Ash Moisture Oil
	Extracted toasted hulled soya seeds	By-product of oil manufacture, obtained from hulled soya bean seeds by extraction and appropriate heat treatment	Protein Fibre	Ash Moisture Oil
	Decorticated cotton seed expeller	By-product of oil manufacture, obtained by pressing from seeds of cotton belonging to the genus *Gossypium spp.* from which the fibres and husks have been removed	Protein Fibre Oil	Ash Moisture
	Extracted decorticated cotton seed	By-product of oil manufacture, obtained by extraction from seeds of cotton from which the fibres have been removed	Protein Fibre	Ash Moisture Oil
	Partly-decorticated cotton seed expeller	By-product of oil manufacture, obtained from seeds of cotton from which the fibres and part of the husks have been removed	Protein Fibre Oil	Ash Moisture
	Extracted, partly-decorticated cotton seed	By-product of oil manufacture, obtained by extraction from seeds of cotton from which the fibres and part of the husks have been removed	Protein Fibre	Ash Moisture Oil
	Cotton cakes or meals not decorticated	The residue resulting from the removal of oil from commercially pure cotton seed, not decorticated	Protein Fibre Oil	Ash Moisture
	Expeller or extracted niger seed	By-product of oil manufacture, obtained by pressing seeds of the niger plant *Guizotia abyssinica (L.f) Cass*	Protein Fibre Oil	Ash Moisture
	Decorticated sunflower seed expeller	By-product of oil manufacture, obtained by pressing from seeds of the sunflower *Helianthus annuus L.* from which as much as possible of the husk has been removed	Protein Fibre Oil	Ash Moisture
	Extracted decorticated sunflower seed	By-product of oil manufacture, obtained by extraction from seeds of the sunflower from which part of the husks have been removed as far as possible	Protein Fibre	Ash Moisture Oil
	Partly-decorticated sunflower seed expeller	By-product of oil manufacture, obtained by pressing from seeds of the sunflower from which part of the husks have been removed	Protein Fibre Oil	Ash Moisture

SCHEDULE 2—*continued* Regulation 13 and Schedule 1

MATERIALS AND THEIR MEANINGS

Group	Name of feeding stuff	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
	Extracted, partly-decorticated sunflower seed	By-product of oil manufacture, obtained by extraction from seeds of the sunflower from which part of the husks have been removed	Protein Fibre	Ash Moisture Oil
	Linseed expeller	By-product of oil manufacture, obtained by pressing from linseed, *Linum usitatissimum L.*	Protein Fibre Oil	Ash Moisture
	Extracted linseed	By-product of oil manufacture, obtained by extraction from linseed	Protein Fibre	Ash Moisture Oil
	Linseed meal	The meal obtained by grinding or crushing commercially pure linseed	Protein Fibre Oil	Ash Moisture
	Babassu palm nut expeller	By-product of oil manufacture, obtained by pressing from palm nuts, from which as much as possible of the hard shell has been removed, of the Brazilian Babassu palms *Orbignya oleifera Burr* and other species of *Orbignya*	Protein Fibre Oil	Ash Moisture
	Rice germ expeller	By-product of oil manufacture, obtained by pressing from germ of rice *Oryza sativa L.* to which parts of the endosperm and tegument still adhere	Protein Fibre Oil	Ash Moisture
	Extracted brown rice germ	By-product of oil manufacture, obtained by extraction from germ of rice to which parts of the endosperm and tegument still adhere	Protein Fibre	Ash Moisture Oil
	Sesame seed expeller	By-product of oil manufacture, obtained by pressing from seeds of the sesame plant, *Sesamum indicum L.*	Protein Fibre Oil	Ash Moisture

	Extracted sesame seed	By-product of oil manufacture, obtained by extraction from seeds of the sesame plant	Protein Fibre	Ash Moisture Oil
	Extracted cocoa bean	By-product of oil manufacture, obtained by extraction from dried and roasted cocoa bean seeds *Theobroma cacao L.* from which as much as possible of the husk has been removed	Protein Fibre	Ash Moisture Oil
	Wheat germ expeller	By-product of oil manufacture, obtained by pressing from wheat germ of the species *Triticum aestivum L., Triticum durum Desf.* and from other cultivated species of husked wheat or from screened husked grains of spelt of the species *Triticum spelta L., Triticum dicoccum Schrank, Triticum monococcum L.,* to which parts of the endosperm and tegument still adhere	Protein Fibre Oil	Ash Moisture
	Maize germ expeller (by-product of maize milling)	By-product of oil manufacture, obtained by pressing and by a dry process, from maize germ *Zea mays L.* to which parts of the endosperm and testa still adhere	Protein Fibre Oil	Ash Moisture Starch
	Extracted maize germ (by-product of maize milling)	By-product of oil manufacture, obtained by extraction and by a dry process, from maize germ to which parts of the endosperm and testa still adhere	Protein Fibre	Ash Moisture Oil Starch
	Maize germ expeller (by product of the starch industry)	By-product of oil manufacture, obtained by pressing and by a wet process, from maize germ to which parts of the endosperm and testa still adhere	Protein Fibre Oil	Ash Moisture
	Extracted maize germ (by-product of the starch industry)	By-product of oil manufacture, obtained by extraction and by a wet process, from maize germ to which parts of the endosperm and testa still adhere	Protein Fibre	Ash Moisture Oil
	Olive pulp meal	By-product of oil manufacture, obtained by extraction from fruits of the olive tree *Olea Europea L.* free as far as possible from fragments of stone	Protein Fibre	Ash Moisture Oil

SCHEDULE 2—*continued* Regulation 13 and Schedule 1

MATERIALS AND THEIR MEANINGS

Group	Name of feeding stuff	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
PRODUCTS AND BY-PRODUCTS OF THE PROCESSING OF VEGETABLE SUBSTANCES	Wheat bran	By-product of flour manufacture, obtained from screened husked grains of wheat or 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	Ash Moisture
	Wheat feed	By-product of flour manufacture, obtained from screened husked grains of wheat or 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	Starch Ash Moisture
	Wheat middlings	By-product of flour manufacture, obtained from screened husked wheat or spelt. It consists principally of particles of endosperm with fine fragments of the outer skins and some grain waste	Fibre	Starch Ash Moisture
	Wheat germ	By-product of milling consisting essentially of wheat germ, rolled or otherwise, to which fragments of endosperm and outer skin still adhere	Fibre	Protein Oil Ash Moisture
	Rye bran	By-product of flour manufacture, obtained from screened rye *Secale cereale L.* It consists principally of fragments of the outer skins, and of particles of grain from which most of the endosperm has been removed	Fibre	Ash Moisture
	Wheat meal	The meal obtained by grinding commercially pure wheat, as grown	Fibre	Ash Moisture

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	Fibre	Starch Ash Moisture
Rye screenings (rye meal)	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	Fibre	Starch Ash Moisture
Husked oat sharps (middlings)	By-product, rich in starch, obtained during the processing of screened, husked, oats *Avena sativa L.* and other cultivated species of oats into oat groats or sifted oatmeal	Fibre Starch	Ash Moisture
Oatfeed	The by-product of oatmeal milling consisting of hulls, floury materials, mealy matter and screen dust, all finely ground, and containing not more than 27% of fibre	Fibre	Starch Ash Moisture
Ground oats	The meal obtained by grinding commercially pure oats, as grown	Fibre	Ash Moisture
Flaked barley	Product obtained by steaming and rolling husked barley *Hordeum vulgare L.*	Fibre	Starch Moisture
Barley feed	By-product of the processing of screened and husked barley into pearl barley or semolina or sifted barley meal	Fibre Starch	Ash Moisture
Flaked maize	Product obtained by steaming and rolling maize	Fibre	Starch Moisture
Pea middlings (pea forage meal)	By-product obtained during the manufacture of pea-meal *Pisum sativum L.* It consists principally of particles of endosperm, and to a lesser extent, of skins	Protein Fibre	Oil Ash Moisture
Pea meal	The meal obtained by grinding commercially pure peas, as grown, of varieties *Pisum sativum* or *Pisum arvense*	Protein Fibre	Ash Moisture

SCHEDULE 2—*continued* Regulation 13 and Schedule 1

MATERIALS AND THEIR MEANINGS

Group	Name of feeding stuff	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
	Flaked potatoes	Product obtained by drying potatoes, *Solanum tuboresum L.*, whether or not peeled, which have been steamed or boiled and crushed	Fibre	Starch Moisture
	Barley meal	The meal obtained by grinding barley, as grown, which shall be the whole grain together with only such other substances as may reasonably be expected to have become associated with the grain in the field and which contains not less than 96% pure barley	Fibre	Ash Moisture
	Bean meal	The meal obtained by grinding commercially pure beans of the species (1) *Vicia faba* or any of its varieties, commonly known as "horse bean", "field bean" or "broad bean" or (2) *Phaseolus vulgaris*, the "true haricot bean" or any of its varieties, white or coloured	Protein Fibre	Ash Moisture
	Maize feed meal	By-product of the manufacture of flour or semolina from maize	Starch	Fibre Ash Moisture Protein Oil
	Maize meal; Indian meal	The meal obtained by grinding commercially pure maize or Indian corn, as grown	Fibre	Ash Moisture
	Maize bran	By-product of the manufacture of flour or semolina from maize. It consists principally of outer skins and maize germ, with some endosperm particles	Fibre	Ash Moisture Oil Protein

	Maize germ and bran	By-product of the manufacture of maize flour, maize semolina or of maize starch consisting of non-extracted germ, maize bran and some fragments of endosperm	Oil Protein	Moisture Fibre Ash Starch
	Djari meal; durra meal	The meal obtained by grinding commercially pure dari or durra seed	Fibre	Ash Moisture
	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 husked grains which are yellow or spotted	Starch	Fibre Ash Moisture Oil Protein
	Broken rice	By-product of the preparation of polished or glazed rice. It consists principally of under-sized or broken grains	Starch	
	Rice bran (brown)	By-product of the first polishing of husked rice. It consists of silvery skins, particles of the aleurone layer, endosperm and germ	Protein Fibre Oil	Moisture Ash Ash insoluble in HCl
	Rice bran (white)	By-product of the second polishing of husked rice. It consists principally of particles of endosperm; of the aleurone layer and of germ	Protein Fibre Oil	Moisture Ash Ash insoluble in HCl
	Maize starch	Virtually pure maize starch	Starch	Moisture Ash
	Puffed maize starch	Virtually pure maize starch, greatly expanded by appropriate heat treatment	Starch	Moisture Ash
	Pre-gelatinized partially hydrolyzed maize starch	Virtually pure maize starch, largely pre-gelatinized and partially hydrolyzed	Starch Reducing sugars, expressed as glucose	Moisture Ash
	Maize gluten	Dried by-product of the manufacture of maize starch. It consists principally of gluten obtained during the separation of the starch	Protein	Moisture Fibre Ash Oil Xanthophyll

SCHEDULE 2—*continued* Regulation 13 and Schedule 1

MATERIALS AND THEIR MEANINGS

Group	Name of feeding stuff	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
	Maize gluten feed	Dried by-product of the manufacture of maize starch. It is composed of bran and of a smaller quantity of gluten. Dried residues of the steeping liquors, and germ, from which the oil has been removed may be added	Protein	Moisture Fibre Ash Oil
	Rice starch	Virtually pure rice starch	Starch	Moisture Ash
	Puffed rice starch	Virtually pure rice starch, greatly expanded by appropriate heat treatment	Starch	Moisture Ash
	Rice gluten	Dried by-product of the manufacture of rice starch consisting mainly of gluten	Protein	Moisture Fibre Ash Oil
	Sorghum gluten feed	Dried by-product of the manufacture of sorghum starch *Sorghum bicolor (L.) Moench s.l.* It consists of bran and a smaller quantity of gluten. Dried residues of the steeping liquors and the germ may be added	Protein	Moisture Fibre Ash Oil
	Wheat starch	Virtually pure wheat starch	Starch	Moisture Ash
	Puffed wheat starch	Virtually pure wheat starch greatly expanded by appropriate heat treatment	Starch	Moisture Ash
	Pre-gelatinized, partially hydrolyzed wheat starch	Virtually pure wheat starch, largely pre-gelatinized and partially hydrolyzed	Starch Reducing sugars, expressed as glucose	Moisture Ash

	Wheat gluten	Dried by-product of the manufacture of wheat starch. It consists principally of gluten obtained during the separation of starch	Protein	Moisture Ash
	Manioc starch	Virtually pure starch obtained from manioc roots *Manihot esculenta Crantz*	Starch	Moisture Ash
	Puffed manioc starch	Starch obtained from manioc roots, greatly expanded by appropriate heat treatment	Starch	Moisture Ash
	Potato starch	Virtually pure potato starch	Starch	Moisture Ash
	Pre-gelatinized potato starch	Virtually pure potato starch, greatly expanded by appropriate heat treatment	Starch	Moisture Ash
	Pre-gelatinized partially hydrolyzed potato starch	Virtually pure potato starch, greatly expanded and partially hydrolyzed	Starch Reducing sugars, expressed as glucose	Moisture Ash
	Potato protein	Dried by-product of starch manufacture composed mainly of protein substances obtained by the separation of starch	Protein	Moisture Ash Oil Fibre
	Dried potato pulp	Dried by-product of the manufacture of potato starch	Starch	Moisture Ash Oil Fibre
	Dextrose (glucose)	Product of the saccharification of starch, consisting of purified, crystallized glucose (with or without water of crystallization)	Glucose	Moisture
	Dextrose molasses	By-product obtained during the crystallization of dextrose	Reducing sugars expressed as glucose	Moisture Ash
	Sugar (sucrose)	Beet or cane sugar in solid form	Sucrose	Ash

SCHEDULE 2—*continued* Regulation 13 and Schedule 1

MATERIALS AND THEIR MEANINGS

Group	Name of feeding stuff	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
	Dried sugar-beet slices	Product obtained by drying slices of washed sugar-beet *Beta vulgaris L., ssp. vulgaris var. altissima Doell*	Total sugar, expressed as sucrose	Moisture Ash
	Dried partially extracted sugar-beet slices	Product obtained by drying washed partially extracted sugar-beet slices	Total sugar, expressed as sucrose	Moisture Ash
	Dried plain sugar-beet pulp	By-product of the manufacture of sugar, consisting of pulped and dried sugar-beet slices		Fibre
	Sugar-beet molasses	By-product consisting of the syrupy residue collected during the manufacture or refining of beet-sugar	Total sugar, expressed as sucrose	
	Sugar-cane molasses	By-product consisting of the syrupy residue collected during the manufacture or refining of sugar from sugar cane *Saccharum officinarum L.*	Total sugar, expressed as sucrose	
	Barley malt culms	By-product of malting consisting of dried rootlets and shoots of germinated barley	Protein	Moisture Ash Fibre
	Dried yeasts	Yeasts, whether or not mixed, belonging to the families *Saccharomycetaceae, Endomycetaceae* and *Cryptococcaceae,* cultivated on the following substrates: beet or core juice or molasses, distillers' or yeast-makers' wash, lactoserum, cereals and products derived from their processing, solutions from the hydrolysis of fibrous material, the cells of which have been killed by drying	Protein	Moisture Ash Ash insoluble in HCl

	Dried brewers' grains	By-product of brewing obtained by drying residues of malted and unmalted cereals and other starchy matter	Protein	Moisture Fibre
	Dried distillers' grains	By-product of distilling obtained by drying residues of fermented cereals or other starchy matter, or residues of cereals used in the distilling process	Protein	Moisture Fibre
	Dehydrated citrus pulp	By-product obtained during the manufacture of citrus juice		Moisture Fibre
ARTIFICIALLY DRIED AGRICULTURAL PRODUCTS	Grass meal	Product obtained by artificially drying and possibly pre-drying young forage plants, the enzymes which activate oxidation being rendered virtually inactive by the drying	Protein	Moisture Ash Ash insoluble in HCl Fibre Carotene Oil
	Lucerne meal	Product obtained by artificially drying and possibly pre-drying *Medicago sativa L.* and *Medicago varia Martyn*, the enzymes which activate oxidation being rendered virtually inactive by the drying. This product may contain approximately 20% of grass or clover artificially dried and possibly pre-dried at the same time as the lucerne	Protein	Moisture Ash Ash insoluble in HCl Fibre Carotene Oil
	Clover meal	Product obtained by artificially drying and possibly pre-drying young clover *Trifolium spp.*, the enzymes which activate oxidation being rendered virtually inactive by the drying. This product may contain approximately 20% of grass or lucerne artificially dried and possibly pre-dried at the same time as the clover	Protein	Moisture Ash Ash insoluble in HCl Fibre Carotene Oil
	Dried tops and leaves of sugar beet	Product obtained by artificially drying tops and leaves of sugar beet, washed, whether or not chopped		Protein Total sugar, expressed as sucrose Moisture Ash insoluble in HCl Fibre

SCHEDULE 2—*continued* Regulation 13 and Schedule 1

MATERIALS AND THEIR MEANINGS

Group	Name of feeding stuff	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
	Jerusalem artichoke chips or Jerusalem artichoke meal	Product obtained by crushing or grinding dried, cleaned tubers of Jerusalem artichokes *Helianthus tuberosus L.*	Inulin	Moisture Ash Fibre Oil Protein
	Sweet potato chips or sweet potato meal	Product obtained by crushing or grinding dried, cleaned tubers of sweet potato *Ipomoea batatas (L.) Poir.*	Starch	Moisture Ash Fibre Oil Protein
	Manioc meal or Manioc flakes or Manioc roots	Dried and, if necessary, washed and peeled manioc roots; also products obtained by crushing and grinding	Starch	Moisture Ash Fibre Oil Protein
	Dried manioc pulp	Waste from the manufacture of manioc starch, which has been dried and ground	Starch	Moisture Ash Fibre Oil Protein
OTHER PRODUCTS OF VEGETABLE ORIGIN	Crushed locust beans	Product obtained by crushing the dried, stoned fruit of the carob tree *Ceratonia siliqua L.*		Total sugar, expressed as sucrose Moisture Ash
	Vegetable fat or vegetable oil	Product composed of fat or oil of vegetable origin		Moisture Acid index Matter insoluble in light petroleum

PRODUCTS OF ANIMAL ORIGIN	'Spray' skimmed-milk powder, 'hatmaker' or 'roller' skimmed milk powder	Product obtained by drying skimmed-milk either by vaporization in a current of hot air ('spray' skimmed-milk powder) or by drying over cylinders ('hatmaker' or 'roller' skimmed-milk)	Protein	Moisture Lactose Oil Ash
	Powdered buttermilk	Product obtained by drying buttermilk, either by vaporization in a current of hot air ('spray' powdered buttermilk) or by drying over cylinders ('hatmaker' or 'roller' powdered buttermilk)	Protein Oil Lactose	Moisture Ash
	Powdered whey or whey crumbs	Products obtained by drying whey	Protein Lactose	Moisture Oil Chlorides, expressed as NaCl Ash Sodium
	Low-sugar powdered whey	Product obtained by drying whey from which the lactose has been partly extracted	Protein Lactose	Moisture Chlorides, expressed as NaCl Ash Oil Sodium
	Powdered whey protein Powdered milk albumin	Products obtained by drying the protein compounds extracted from whey or milk by chemical or physical treatment	Protein	Moisture Ash Oil
	Blood meal	Product obtained by drying the blood of slaughtered animals and poultry. This product should be substantially free of foreign matter	Protein	Moisture Ash
	Meat and bone meal	Product obtained by drying and grinding meat pieces containing a high proportion of bone from warm-blooded land animals. The product should be substantially free of hair, bristle, feathers, horn, hoof, skin and blood and of the contents of the stomach and viscera. It shall be technically free of organic solvents.	Protein Oil	Moisture Chlorides, expressed as NaCl Phosphorus Ash Methionine Lysine Volatile nitrogenous bases

SCHEDULE 2—*continued* Regulation 13 and Schedule 1

MATERIALS AND THEIR MEANINGS

Group	Name of feeding stuff	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
	Bone meal	Product obtained by drying and grinding bone, with the fat largely removed, from warm-blooded land animals. The product should be substantially free of hair, bristle, feathers, horn, hoof, skin and blood, and of the contents of the stomach and viscera. It should also be free of splinters, and may not contain bone fragments with rough surfaces or jagged edges. It shall be technically free of organic solvents.	Protein	Moisture Ash Phosphorus Oil
	Feeding bone flour	Commercially pure bone degreased and ground or crushed from which the nitrogen has been partly or wholly removed by steam.	Protein Phosphorus	
	Meat meal (Products with a fat content of more than 11% should be described as "rich in fat")	Product obtained by drying and grinding carcases and parts of carcases of warm-blooded land animals, if need be with the fat removed by an appropriate process. It should be virtually free of hair, bristle, feathers, horn, hoof and skin and of the contents of the stomach and viscera. It shall be technically free of organic solvents.	Protein Oil	Moisture Phosphorus Chorides, expressed as NaCl Ash insoluble in HCl Methionine Lysine Volatile nitrogenous bases
	Greaves	Product derived from residues of the manufacture of tallow and other fats of animal origin. It shall be technically free of organic solvents.	Protein	Moisture Chlorides, expressed as NaCl Oil Ash

	Poultry waste	The waste from intensive poultry units which consists principally of excreta, with or without litter; and which has been suitably treated for use as a feeding stuff	Protein Protein equivalent of uric acid if 1% or greater Fibre Calcium if present in excess of 2%	
	Dried waste from poultry slaughter (Products with a fat content of more than 12% should be described as "rich in fat")	Product obtained by drying and grinding waste from slaughtered poultry; it should be substantially free of feathers	Protein	Moisture Chlorides, expressed as NaCl Oil Ash
	Hydrolyzed feather meal	Product obtained by hydrolyzing, drying and grinding poultry feathers	Protein	Moisture Ash insoluble in HCl
	Animal fat	Product composed of fat processed from warm-blooded land animals or from parts thereof. It shall be technically free of organic solvents.		Moisture Acid index Matter insoluble in light petroleum
	Fish meal (Products whose chloride content expressed as NaCl is less than 2% may be referred to as "low in salt")	Product obtained by drying and grinding whole fish, or parts thereof, of various species. Concentrated press liquid may be added	Protein Oil	Moisture Chlorides, expressed as NaCl Calcium carbonate Phosphorus
	Cod liver oil	Oil obtained from fresh livers of fish of the cod family (Gadidae)	Vitamin A	Moisture Acid index Matter insoluble in light petroleum
MINERAL SUBSTANCES	Calcium carbonate, (The nature of the product (column 3) should be indicated in the name)	Precipitated calcium carbonate, ground limestone, prepared chalk, granulated chalk, ground oyster or mussel shells	Calcium Ash insoluble in HCl	

SCHEDULE 2—*continued* Regulation 13 and Schedule 1

MATERIALS AND THEIR MEANINGS

Group	Name of feeding stuff	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
	Calcium and magnesium carbonate	Natural mixture of calcium carbonate and magnesium carbonate	Calcium Magnesium	
	Calcareous marine algae (Maerl)	Product of natural origin obtained from calcareous algae, ground or granulated	Calcium Ash insoluble in HCl	
	Magnesium oxide	Technically pure magnesium oxide MgO	Magnesium	
	Kieserite	Natural magnesium sulphate $MgSO_4H_2O$	Magnesium	
	Defluorinated natural phosphate	Product obtained by grinding natural phosphates, purified and defluorinated to a greater or lesser degree	Phosphorus	Calcium
	De-gelatinized bone meal	De-gelatinized, sterilized, ground bones from which the fat has been removed	Phosphorus	Moisture Calcium
	Calcium monohydrogen phosphate (dicalcium phosphate) (The manufacturing process may be indicated in the name)	Calcium monohydrogen phosphate (dicalcium phosphate)	Phosphorus Chlorides, expressed as NaCl	
	Calcium bis-(dihydrogen phosphate) (monocalcium phosphate)	Product consisting principally of technically pure calcium bis-(dihydrogen phosphate) (monocalcium phosphate)	Phosphorus	Calcium
	Ammonium dihydrogen phosphate (monoammonium phosphate)	Product consisting mainly of technically pure ammonium dihydrogen phosphate	Phosphorus Nitrogen	

SCHEDULE 3 Regulation 11

LIMITS OF VARIATION

PART A—COMPOUND FEEDING STUFFS AND COMPOUND PET FOODS EXCEPT THOSE FOR DOGS OR CATS

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% 1.5 for declarations less than 5%
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— 20% of the amount stated
Fibre	If present in excess— 1.8 for all declarations In case of deficiency— 45% of the amount stated
Lysine	In case of deficiency— 15% 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%

Regulation 11 SCHEDULE 3—*continued*

LIMITS OF VARIATION

PART A—COMPOUND FEEDING STUFFS AND COMPOUND PET FOODS EXCEPT THOSE FOR DOGS OR CATS

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	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— 15% 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 that 10% 0.5 for declarations less than 5%
Oil	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% 0.15 for declarations less than 1%

SCHEDULE 3—*continued* Regulation 11

LIMITS OF VARIATION

PART A—COMPOUND FEEDING STUFFS AND COMPOUND PET FOODS EXCEPT THOSE FOR DOGS OR CATS

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
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— 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%
Protein equivalent of biuret	±1.25, or ±20% of the amount stated, whichever is the greater.
Protein equivalent of diureidoisobutane	±1.25, or ±20% of the amount stated, whichever is the greater.
Protein equivalent of urea	±1.25, or ±20% of the amount stated, whichever is the greater
Protein equivalent of urea phosphate	±1.25, or ±20% 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 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%

Regulation 11 SCHEDULE 3—*continued*

LIMITS OF VARIATION

PART A—COMPOUND FEEDING STUFFS AND COMPOUND PET FOODS EXCEPT THOSE FOR DOGS OR CATS

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
Protein soluble in pepsin and hydrochloric acid	In case of deficiency— 3 for declarations of 25% or more 12% of the amount stated for declarations of 15% or more but less than 25% 1.8 for declarations less than 15%
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 expressed as sucrose	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%

PART B—COMPOUND PET FOODS FOR DOGS OR CATS

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
Ash	If present in excess— 1.5 for all declarations
	In case of deficiency— 4.5 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%

SCHEDULE 3—*continued* Regulation 11

PART B—COMPOUND PET FOODS FOR DOGS OR CATS

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	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%
Fibre	If present in excess— 1 for all declarations In case of deficiency— 3 for all declarations
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%
Oil	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%
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%

Regulation 11 SCHEDULE 3—*continued*

PART B—COMPOUND PET FOODS FOR DOGS OR CATS

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	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%

PART C—OTHER FEEDING STUFFS NOT COVERED BY PARTS A OR B

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
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 above 3% 0.3 for declarations up and including 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%

SCHEDULE 3—*continued* Regulation 11

PART C—OTHER FEEDING STUFFS NOT COVERED BY PARTS A OR B

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
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 above 3% 0.3 for declarations up to and including 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%
Oil	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%

Regulation 11 SCHEDULE 3—*continued*

PART C—OTHER FEEDING STUFFS NOT COVERED BY PARTS A OR B

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	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%
Protien 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	If present in excess— 20% of the amount stated
Xanthophyll	In case of deficiency— 30% of the amount stated

SCHEDULE 3—*continued* Regulation 11

PART D—VITAMINS AND TRACE ELEMENTS

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
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 4000IU/kg ±50% of the amount stated for declarations up to and including 4000IU/kg
Vitamins other than D_2 and D_3	In case of deficiency— 30% of the amount stated
Zinc	±50% of the amount stated

Regulation 15 SCHEDULE 4

PERMITTED ADDITIVES AND PROVISIONS RELATING TO THEIR USE AND MARKING

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 in this Schedule.

2. No material shall contain any added antioxidant other than an antioxidant of a name or description specified in the first column of Part I, or any antioxidant of a name or description so specified in proportions which, taking account of any such antioxidant which is naturally present, exceeds the maximum content, if any, specified in relation thereto in the second column of the said Part.

3. No material shall contain—

(a) any colourant other than a colourant named or described in column 1 of Part II, or

(b) any colourant named or described in column 1 of Part II unless—

(i) the material is intended for an animal listed opposite the colourant in question in column 2 of the said Part;

(ii) taking into account any such colourant as is naturally present, the maximum content (if any) specified in relation thereto in column 3 of the said Part is not exceeded; and

(iii) the material complies with the conditions (if any) specified in relation thereto in column 4 of the said Part.

4.— (1) No material shall contain any added emulsifier, stabiliser, thickener or gelling agent other than an emulsifier, stabiliser, thickener or gelling agent of a name or description specified in Chapter A or Chapter B of Part III, or any emulsifier or stabiliser of a name or description specified in Chapter A of Part III unless the material is to be used in accordance with the specifications, if any, laid down in respect of it in the said Chapter A.

(2) No material shall contain any added emulsifier, stabiliser, thickener or gelling agent of a name or description specified in the first column of Chapter B of Part III which, taking account of any such emulsifier, stabiliser, thickener or gelling agent which is naturally present, exceeds, in respect of animals listed opposite the emulsifier, stabiliser, thickener or gelling agent in question in the second column, the maximum content specified in relation thereto in the third column, and no material shall contain an added emulsifier, stabiliser, thickener or gelling agent of a name or description specified in the first column of the said Chapter unless the material is for animals listed opposite the emulsifier, stabiliser, thickener or gelling agent in question in the second column of the said Chapter.

(3) No material shall contain any added binder, anti-caking agent or coagulant other than a binder, anti-caking agent or coagulant of a name or description specified in Part IV.

5. No material shall contain any added vitamin, pro-vitamin or substance having a similar effect except that—

(i) any material for any animal of a kind specified in the second column of Chapter A of Part V may contain vitamin D_2 or D_3 (but not both added vitamin D_2 and vitamin D_3) in proportions which, taking account of any such vitamin which is naturally present, do not exceed the maximum content specified in the third column of the said Chapter in relation to the kinds of animal specified in the second column of the said Chapter;

(ii) any material for any animal of a kind specified in the second column of Chapter B of the said Part V may contain vitamin D_3 in proportions which, taking account of any vitamin D_3 which is naturally present, do not exceed the maximum content specified in the third column thereof in relation to the kinds of animal specified in the second column of the said Chapter; and

(iii) any material for any animal of a kind specified in the second column of Chapter C of the said Part V may contain any vitamin, pro-vitamin or chemically well defined substance having a similar effect in proportions which, taking into account any such substance which is naturally present, do not exceed the maximum content (if any) specified in the third column thereof in relation to the kinds of animal specified in the second column of the said Chapter.

6. No material shall contain any added trace element other than a trace element of a name or description specified in the second column of Part VI, or any trace element of a name or description so specified in proportions which, taking account of any such trace element which is naturally present exceed, in respect of animals listed opposite the trace element in question in the fourth column, the maximum content specified in relation thereto in the fifth column of the said Part.

7. No material shall contain any added aromatic or appetising substance other than an aromatic or appetising substance of a name or description specified in the first column of Part VII, or any aromatic or appetising substance specified which, taking account of any such substance which is naturally present, exceeds the maximum content (if any) specified in relation thereto in the third column of the said Part. No material shall contain any aromatic or appetising substance specified in the first column of Part VII unless the material is for an animal listed opposite the substance in question in the second column of the said Part.

8.— (1) No material shall contain any added preservative other than a preservative of a name or description specified in Chapter A or Chapter B of Part VIII, or any added preservative specified in Chapter A of Part VIII unless the material is to be used in accordance with the specifications, if any, laid down in respect of it in the said Chapter.

(2) No material shall contain any added preservative specified in the first column of Chapter B of Part VIII which, taking account of any such preservative which is naturally present, exceeds, in respect of animals listed

opposite the preservative in question in the second column, the maximum content specified in relation thereto in the third column, and no material shall contain any added preservative specified in the first column of the said Chapter unless the material is for animals listed opposite the preservative in question in the second column of the said Chapter, and is used in accordance with the specifications, if any, laid down in respect of it therein.

9. Material intended for mixing with other materials before use as a feeding stuff and containing any added substance mentioned in Parts I to VI or Part VIII shall be marked in the manner specified in regulation 6 with the following statement:

"Feeding Stuffs Regulations. This feeding stuff may only be used for *(x)* up to a quantity of *(y)* grams per kilogram of the complete feeding stuff".

The statement shall be completed by inserting at *(x)* the kind and, if appropriate, the age group of the animal for which the material is intended and at *(y)* such a figure that if the statement is given effect the materials used as a feeding stuff will comply with the preceding provisions of this Schedule. In this statement there may be substituted for the words "grams per kilogram" the symbol "%, "kilograms per tonne," "grams per litre" or "grams per tonne".

TABLE

PART I

PERMITTED ANTIOXIDANTS

Name or Description	Maximum content (mg/kg in complete feeding stuff)
L-Ascorbic acid	
Sodium L-ascorbate	
Calcium di(*L*-ascorbate)	
5,6-Diacetyl-L-ascorbic acid	
6-Palmitoyl-L-ascorbic acid	
Tocopherol-rich extracts of natural origin	
Synthetic *alpha*-tocopherol	
Synthetic *gamma*-tocopherol	
Synthetic *delta*-tocopherol	
Propyl gallate	100: alone or together
Octyl gallate	
Dodecyl gallate	
Butylated hydroxyanisole (BHA)	150: alone or together
Butylated hydroxytoluene (BHT)	
Ethoxyquin	

PART II

PERMITTED COLOURANTS

Name or Description	Kind of animal	Maximum content (mg/kg in complete feeding stuff)	Conditions
Capsanthin Beta-apo-8′-carotenal Ethyl ester of beta-apo-8-carotenoic acid Lutein Cryptoxanthin Violaxanthin Canthaxanthin Zeaxanthin	Poultry	80: alone or together	None
Citranaxanthin	Laying hens	No limit	
Canthaxanthin	Dogs and Cats Trout and Salmon	200	
Patent Blue V Acid brilliant green BS	All species of animals	No limit	Except when intended for dogs or cats, permitted only in products processed from waste products of foodstuffs, denatured cereals or manioc flour and other base substances denatured by means of these agents or coloured during preparation to ensure identification during manufacture

PART II—*continued*

PERMITTED COLOURANTS

Name or Description	Kind of animal	Maximum content (mg/kg in complete feeding stuff)	Conditions
All other colourants at present permitted for use in human food by European Community Directives as implemented by regulations made or having effect as if made under the Food Act 1984(**a**) or the Food and Drugs (Scotland) Act, 1956(**b**)	All species of animal	No limit	Except when intended for dogs or cats, permitted only in products processed from waste products of foodstuffs and other base substances with the exception of cereals and manioc flour, denatured by means of these agents or coloured during technical preparation to ensure identification during manufacture

(**a**) 1984 c.30.
(**b**) 1956 c.30 (4 & 5 Eliz 2).

PART III

PERMITTED EMULSIFIERS, STABILISERS, THICKENERS AND GELLING AGENTS

CHAPTER A

Name or description

Lecithins
Alginic acid
Sodium alginate
Potassium alginate
Ammonium alginate—Not permitted in aquarium fish feed
Calcium alginate
Propylene glycol alginate (propane-1, 2-diol alginate)
Agar
Carrageenan
Furcellaran
Locust bean gum (carob gum)
Tamarind seed flour
Guar gum (guar flour)
Tragacanth
Acacia (gum arabic)
Xanthan gum
D-glucitol (sorbitol)
Mannitol
Glycerol
Pectins
Microcrystalline cellulose
Methylcellulose
Ethylcellulose
Hydroxypropylcellulose
Hydroxypropylmethylcellulose
Ethylmethylcellulose
Carboxymethylcellulose, sodium salt
Sodium, potassium and calcium salts of edible fatty acids alone or in mixtures, derived either from edible fats or distilled edible fatty acids
Monoacyl and diacylglycerols (mono- and di-glycerides of fatty acids)
Monoacyl and diacylglycerols esterified with the following acids
(a) acetic
(b) lactic
(c) citric
(d) tartaric
(e) monoacetyltartaric and diacetyltartaric
Sucrose esters of fatty acids
Mixture of sucrose esters of monoacyl and diacylglycerols (Sucroglycerides)
Polyglycerol esters of non polymerised edible fatty acids
Propylene glycol esters of fatty acids (propane-1, 2-diol esters of fatty acids)
Stearoyl-2-lactylic acid
Sodium stearoyl-2-lactylate
Calcium stearoyl-2-lactylate
Stearoyl tartrate
Glycerol poly(ethylene glycol) ricinoleate
Dextrans
Sorbitan monostearate
Sorbitan tristearate
Sorbitan monolaurate
Sorbitan mono-oleate
Sorbitan monopalmitate
Partial polyglycerol esters of polycondensed fatty acids of castor oil (polyglycerol polyricinoleate)
Polyoxyethylene (20) sorbitan monolaurate

Polyoxyethylene (20) sorbitan monopalmitate
Polyoxyethylene (20) sorbitan monostearate
Polyoxyethylene (20) sorbitan tristearate
Polyoxyethylene (20) sorbitan mono-oleate
Polyoxyethylene (20) sorbitan trioleate
Polyoxyethylene (8) stearate
Polyoxyethylene (40) stearate

CHAPTER B

Name or Description	Kind of Animal	Maximum content (mg/kg in complete feeding stuff)
*penta*Sodium triphosphate	Dogs, cats	5000
Polyethyleneglycol esters of fatty acids from soya oil	Calves	6000 in milk replacer feeds only
Polyoxyethylated glycerides of tallow fatty acids	Calves	5000 in milk replacer feeds only
Ethers of polyglycerol and of alcohols obtained by the reduction of oleic and palmitic acids	Calves	5000 in milk replacer feeds only
Poly(ethylene glycol) 6000	All animals	300
Polyoxypropylene —polyoxyethylene polymers (M.W. 6800–9000)	All animals	50
Propane-1, 2-diol	Dairy cows	12000
	Calves, Cattle for fattening, Lambs, Kids, Swine, Poultry	36000

In this part of this table "milk replacer feed" means a manufactured feed used as a substitute for natural milk.

PART IV

PERMITTED BINDERS, ANTI-CAKING AGENTS AND COAGULANTS

Name or description

Lignosulphonates
Colloidal silica
Silicic acid, precipitated and dried
Sodium aluminosilicate, synthetic
Sodium, potassium and calcium stearates
Kaolin and kaolinitic clays free of asbestos—natural occurring mixtures of minerals containing at least 65% complex hydrated aluminium silicates whose main constituent is kaolinite
Bentonite and other montmorillonite clays
Vermiculite—hydrated silicate of magnesium, aluminium and iron:— max. fluoride content—0.3%
Citric acid
Kieselguhr (diatomaceous earth, purified)
Calcium silicate (synthetic)
Natural mixtures of steatite and chlorite free of asbestos

PART V

VITAMINS, PRO-VITAMINS AND SUBSTANCES HAVING A SIMILAR EFFECT

Vitamin	Kind of animal	Maximum content (international units per kilogram in complete feeding stuff)
	CHAPTER A	
Vitamin D_2 or Vitamin D_3	Pigs	2000
	Piglets	10000 in milk replacer feeds only
	Cattle	4000
	Calves	10000 in milk replacer feeds only
	Sheep	4000
	Lambs	10000 in milk replacer feeds only
	Horses	4000
	Other kinds except poultry	2000
	CHAPTER B	
Vitamin D_3	Chickens for fattening Turkeys	5000
	Other poultry	3000
	CHAPTER C	
Other vitamins, pro-vitamins and chemically well defined substances having a similar effect	All animals	No limit

(In this part of this table "milk replacer feed" means a manufactured feed used as a substitute for natural milk)

PART VI—TRACE ELEMENTS

Column 1 Element	Column 2 Compound	Column 3	Column 4 Kind of animal	Column 5 Maximum content of the element (mg/kg in complete feeding stuff)
Iron—Fe	Ferrous fumarate	$FeC_4H_2O_4$		1,250
	Ferrous citrate	$Fe_3(C_6H_5O_7)_2 . 6H_2O$		
	Ferrous carbonate	$FeCO_3$		
	Ferrous chloride	$FeCl_2 . 4H_2O$		
	Ferric chloride	$FeCl_3 . 6H_2O$		
	Ferric oxide	Fe_2O_3		
	Ferrous sulphate	$FeSO_4 . 7H_2O$		
	Ferrous lactate	$Fe(C_3H_5O_3)_2 . 3H_2O$		
Iodine—I	Calcium iodate	$Ca(IO_3)_2 . 6H_2O$		40
	Anhydrous calcium iodate	$Ca(IO_3)_2$	All animals	
	Sodum iodide	Na I		
	Potassium iodide	KI		
Cobalt—Co	Cobalt acetate	$Co(CH_3COO)_2 . 4H_2O$		10
	Basic carbonate of cobalt	$2CoCO_3.3Co(OH)_2.2H_2O$		
	Cobalt chloride	$CoCl_2 . 6H_2O$		
	Cobalt sulphate	$CoSO_4 . 7H_2O$		
	Monohydrated cobalt sulphate	$CoSO_4 . H_2O$		
	Cobalt nitrate	$Co(NO_3)_2 . 6H_2O$		
Copper—Cu	Cupric acetate	$Cu(CH_3COO)_2 . H_2O$	Pigs for fattening over 6 months	50
	Cupric methionate	$Cu(C_5H_{10}NO_2S)_2$	Breeding pigs	50
	Basic cupric carbonate, monohydrate	$CuCO_3 . Cu(OH)_2 . H_2O$	Calves: —milk substitutes	30
	Cupric chloride	$CuCl_2 . 2H_2O$	—other feeding stuffs	50
	Cupric oxide	CuO	Sheep	20
	Cupric sulphate	$CuSO_4 . 5H_2O$	Other species	50

Manganese—Mn	Manganous carbonate	$MnCO_3$	All animals	250
	Manganous chloride	$MnCl_2 . 4H_2O$		
	Manganous hydrogen phosphate	$MnHPO_4 . 3H_2O$		
	Manganous oxide	MnO		
	Manganic oxide	Mn_2O_3		
	Manganous sulphate	$MnSO_4 . 4H_2O$		
	Manganous sulphate, monohydrate	$MnSO_4 . H_2O$		
Zinc—Zn	Zinc lactate	$Zn(C_3H_5O_3)_2 . 3H_2O$		250
	Zinc acetate	$Zn(CH_3 . COO)_2 . 2H_2O$		
	Zinc carbonate	$ZnCO_3$		
	Zinc chloride, monohydrate	$ZnCl_2 . H_2O$		
	Zinc oxide	ZnO		
	Zinc sulphate	$ZnSO_4 . 7H_2O$		
	Zinc sulphate, monohydrate	$ZnSO_4 . H_2O$		
Molybdenum—Mo				2.5
Selenium—Se				0.5

PART VII

AROMATIC AND APPETISING SUBSTANCES

Column 1 Name or Description	Column 2 Kind of Animal	Column 3 Maximum content (mg/kg in complete feeding stuff)
Saccharin	All animals	No limit
All natural products and corresponding synthetic products	All animals	No limit

PART VIII

PERMITTED PRESERVATIVES

CHAPTER A

Name of Description

Sorbic acid
Sodium sorbate
Potassium sorbate
Calcium sorbate
Formic acid
Ammonium formate
Sodium formate
Calcium formate
Acetic acid
Potassium acetate
Sodium diacetate
Calcium acetate
Lactic acid
Sodium lactate
Potassium lactate
Calcium lactate
Propionic acid
Ammonium propionate
Sodium propionate
Calcium propionate
Potassium propionate
Citric acid
Sodium citrates
Potassium citrates
Calcium citrates
L-Tartaric acid
Sodium L-tartrates
Potassium L-tartrates
Potassium sodium L-tartrate
Orthophosphoric acid

Fumaric acid
DL-Malic acid
Hydrochloric acid } for use in silage only
Sulphuric acid }

CHAPTER B

Name or Description		Kind of Animal	Maximum content (mg/kg in complete feeding stuff)
Sodium hydrogensulphite (sodium bisulphite) diSodium disulphite (sodium metabisulphite)	Not permitted in unprocessed meat and fish	Dogs and Cats	500 alone or together expressed as SO_2
Sodium nitrite		Dogs and Cats	200
Ethyl 4-hydroxybenzoate Sodium ethyl 4-hydroxybenzoate Propyl 4-hydroxybenzoate Sodium propyl 4-hydroxybenzoate Methyl 4-hydroxybenzoate Sodium methyl 4-hydroxybenzoate		Pet animals	No limit
Propane-1,2-diol		Dogs Cats	53000 No limit
Formaldehyde		Pigs up to the age of six months All species of animal except pigs up to the age of six months	600 (in skimmed milk only) No limit

SCHEDULE 5

Regulation 16

PRESCRIBED LIMITS FOR UNDESIRABLE SUBSTANCES

Substances	Feeding stuffs	Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%
CHAPTER A		
Arsenic	Straight feeding stuffs	2
	except:	
	—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 feeding stuffs obtained from the processing of fish or other marine animals	10
	Complete feeding stuffs	2
Fluorine	Straight feeding stuffs	150
	except:	
	—feeding stuffs of animal origin	500
	—phosphates	2000
	Complete feeding stuffs	150
	except:	
	—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

Lead	Straight feeding stuffs	10
	except:	
	—grass meal, lucerne meal or clover meal	40
	—phosphates	30
	—yeast	5
	Complete feeding stuffs	5
Mercury	Straight feeding stuffs	0.1
	except:	
	—feeding stuffs produced by the processing of fish or other marine animals	0.5
	Complete feeding stuffs	0.1
	except:	
	—complete feeding stuffs for dogs or cats	0.4
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)

Substances	Feeding Stuffs	Maximum content in mg/kg of the feeding stuff as found
CHAPTER B		
Aflatoxin B_1	Straight feeding stuffs	0.05
	Complete feeding stuffs for cattle, sheep and goats (except dairy cattle, calves, lambs and kids)	0.05
	Complete feeding stuffs for pigs and poultry (except piglets and chicks)	0.02
	Other complete feeding stuffs	0.01
	Complementary feeding stuffs for dairy cattle	0.01
Castor oil plant *Ricinus communis L.*	All feeding stuffs	10 (expressed in terms of castor oil plant husks)

SCHEDULE 5—*continued*

PRESCRIBED LIMITS FOR UNDESIRABLE SUBSTANCES

Substances	Feeding stuffs	Maximum content in mg/kg of the feeding stuff as found
Crotalaria L. spp	All unmilled materials	100
Free Gossypol	Straight feeding stuffs except:	20
	—cotton cake or meal	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	Straight feeding stuffs except:	50
	—linseed	250
	—linseed cake or meal	350
	—manioc products and almond cakes	100
	Complete feeding stuffs except:	50
	—complete feeding stuffs for chicks	10
Rye Ergot *Claviceps purpurea* (Fr.) Tul	All feeding stuffs containing unground cereals	1000

Apricot—*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) Crantz Mowrah, bassia, madhuca—*Madhuca longifolia* (L) Macbr. (= *Bassia longifolia* L. = *Illipe Madhuca longifolia* L. = *Illipe malabrorum* Engl.) *Madhuca indica* Gmelin. (= *Bassia latifolia* (Roxb.) 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* A Braun.	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
Theobromine	Complete feeding stuffs except: —complete feeding stuffs for adult cattle	300 700

SCHEDULE 5—*continued*

PRESCRIBED LIMITS FOR UNDESIRABLE SUBSTANCES

Substances	Feeding stuffs	Maximum content in mg/kg of the feeding stuff as found
Vinylthiooxazolidone	Complete feeding stuffs for poultry except:	1000
	—complete feeding stuffs for laying hens	500
Volatile mustard oil	Straight feeding stuffs except:	100
	—rape cake or meal	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, glucoside 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

SCHEDULE 6 Regulation 7(2)

CATEGORIES OF INGREDIENTS WITH DESCRIPTIONS 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.
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% crude 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.

SCHEDULE 7

Regulation 18 and Schedule 1, paragraph 15

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-organism	Column 4 Culture substrate (specifications, if any)	Column 5 (1) Composition characteristics of product	Column 6 Animal species	Column 7 (1) Name of product and specified particulars
1.	Proteins obtained from the following groups of micro-organisms						
1.1.	*Bacteria*						
1.2.	*Yeasts*	All yeasts	Saccharomyces cerevisiae Saccharomyces carlsbergiensis Kluyveromyces lactis Kluyveromyces fragilis	Molasses, distillery residues, cereals and products containing starch, fruit juice, whey, lactic acid, hydrolized vegetable fibres.	—	All animal species	—
1.2.1.	Yeasts cultivated on substrates of animal or vegetable origin	—obtained from the micro-organisms and substrates listed in columns 3 and 4 —the cells of which have been killed					
1.2.2.	Yeasts cultivated on substrates other than those given in 1.2.1						
1.3.	*Algae*						
1.4.	*Lower fungi*						
2.	Non-protein nitrogenous compounds						
2.1.	Urea and its derivatives	2.1.1. Urea, technically pure	$CO(NH_2)_2$		Urea: min. 97%	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; —nitrogen level; and
		2.1.2. Biuret, technically pure	$(CONH_2)_2$–NH		Biuret: min 97%		
		2.1.3. Urea-phosphate, technically pure	$CO(NH_2)_2 . H_3PO_4$		Nitrogen: min. 16.5% Phosphorus: min. 18%		

		2.1.4. Diurei-doisobutane, technically pure	$(CH_3)_2$–$(CH)_2$–$(NHCONH_2)_2$		Nitrogen: min. 30% Isobutyraldehyde: min. 35%		in addition for product 2.1.3, phosphorus level; —animal species or category Declarations to be made on the label or packaging of compound feedingstuffs: —the name "Urea", "Biuret", "Urea-phosphate" or "Diureidoisobutane" as the case may be; —amount of the product contained in the feedingstuff; —percentage of the total crude 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*	$CH_3CHOHCOONH_4$	Whey	Nitrogen expressed as crude protein: min. 44%	Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of the product: —the name: "Ammonium lactate from fermentation"; —nitrogen expressed as crude protein; —crude ash; —moisture; —animal species or category Declarations to be made on the label or packaging of compound feedingstuffs: —the name: "Ammonium lactate from fermentation"; —amount of product contained in the feedingstuff;

SCHEDULE 7—*continued*

Regulation 18 and Schedule 1, paragraph 15

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-organism	Column 4 Culture substrate (specifications, if any)	Column 5 (1) Composition characteristics of product	Column 6 Animal species	Column 7 (1) Name of product and specified particulars
2.2	Ammonium salts *contd.*						—percentage of the total crude 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.
2.3.	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 melassecola*	Ammonium salts and other nitrogenous compounds	Sucrose, molasses, starch products and their hydrolysates	Nitrogen expressed as crude protein: min. 48% Moisture: max.28%	Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of the product: —nitrogen, expressed as crude protein; —crude ash; —moisture; —animal species or category
		2.3.2. Concentrated liquid by-products from the production of L-lysine monohydrochloride by fermentation with *Brevibacterium lactofermentum*	Ammonium salts and other nitrogenous compounds	Sucrose, molasses, starch products and their hydrolysates	Nitrogen expressed as crude protein: min. 45%	Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of compound feedingstuffs: —percentage of the total crude protein provided by non-protein nitrogen; —indication, in the instructions for use, of level of total non-protein nitrogen which should not be exceeded in the daily ration of each animal species or category.

3.	Amino acids and their salts	3.1. DL-methionine, technically pure	$CH_3S(CH_2)_2–CH(NH_2)–COOH$		DL-methionine: min. 98%	All animal species	Declarations to be made on the label or packaging of the product:
		3.2. Dihydrated calcium salt of N-hydroxy-methyl-DL-methionine, technically pure	$(CH_3S(CH_2)_2–CH(NH–CH_2OH)–COO)_2\ Ca\ .\ 2H_2O$		DL-methionine: min. 67% Formaldehyde: max. 14% Calcium: min. 9%	Ruminants from the beginning of rumination	—the name: "DL-methionine", in the case of product 3.1.;
		3.3. L-lysine, technically pure	$NH_2–(CH_2)_4–CH(NH_2)–COOH$		L-lysine: min. 98%		Dihydrated calcium salt of N-hydroxymethyl-DL-methionine" in the case of product 3.2.;
		3.4. L-lysine monohydrochloride, technically pure	$NH_2(CH_2)_4–CH(NH_2)–COOH\ .\ HCl$		L-lysine: min. 78%	All animal species	—DL-methionine and moisture contents;
		3.5. L-lysine sulphate produced by fermentation with *Corynebacterium glutamicum*	$(NH_2–(CH_2)_4–CH(NH_2)–COOH)_2\ .\ H_2SO_4$	Sugar syrup, molasses, cereals, starch products and their hydrolysates	L-lysine: min. 40%		—animal species or category in the case of product 3.2.
							Declarations to be made on the label or packaging of the product: —the name: "L-lysine" in the case of product 3.3.; "L-lysine-monohydrochloride" in the case of product 3.4.;
							—"L-lysine sulphate and its by-products from fermentation" in the case of product 3.5.;
							—L-lysine and moisture contents
		3.6. L-threonine, technically pure	$CH_3–CH(OH)–CH(NH_2)–COOH$	—	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 contents

SCHEDULE 7—*continued*

Regulation 18 and Schedule 1, paragraph 15

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-organism	Column 4 Culture substrate (specifications, if any)	Column 5 (1) Composition characteristics of product	Column 6 Animal species	Column 7 (1) Name of product and specified particulars
		3.7. 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-trypto-phan" —L-tryptophan and moisture contents
		3.8. 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 of packag-ing of the product: —the name "DL-trypto-phan" —DL-tryptophan and moisture contents
4.	Hydroxyanalogues of amino acids	4.1. DL-2-hydroxy-4-methylmercaptobutyric acid	$CH_3S-(CH_2)_2-CH(OH)-COOH$	—	Monomer acid: min. 65%	All animal species except ruminants	Declarations to be made on the label or packaging of the product: —name (column 2) —monomer acid and moisture contents —animal species or category
		4.2. Calcium salt of DL-2-hydroxy-4-methylmercaptobutyric acid	$(CH_3S-(CH_2)_2-CH(OH)-COO)_2Ca$	—	Monomer acid: min. 83% Calcium: min.12%		

(1) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

EXPLANATORY NOTE

(This Note is not part of the Regulations.)

1. These regulations, which supersede the Feeding Stuffs Regulations 1982, implement the directives listed in paragraph 2 below. They consolidate the superseded regulations with the Feeding Stuffs (Amendment) Regulations 1984 and effect certain changes in the law which are described in paragraph 7 below.

2. The principal directives implemented are—

Council Directive 70/524/EEC (OJ No. L 270, 14.12.70, p. 1, (OJ/SE Vol. 18, p. 4)) concerning additives in feeding stuffs, as amended;

Council Directive 74/63/EEC (OJ No. L 38, 11.2.74, p. 31) on the fixing of maximum permitted levels for undesirable substances and products in feeding stuffs, as amended;

Council Directive 77/101/EEC (OJ No. L 32, 3.2.77, p. 1) on the marketing of straight feeding stuffs, as amended;

Council Directive 79/373/EEC (OJ No. L 86, 6.4.79, p. 30) on the marketing of compound feeding stuffs, as amended;

Commission Directive 80/511/EEC (OJ No. L 126, 21.5.80, p. 14) authorising, in certain cases, the marketing of compound feeding stuffs in unsealed packages or containers;

Council Directive 82/471/EEC (OJ No. L 213, 21.7.82, p. 8) concerning certain products used in animal nutrition;

Commission Directive 82/475/EEC (OJ No. L 213, 21.7.82, p. 27) laying down the categories of ingredients which may be used for the purposes of labelling compound feeding stuffs for pet animals;

and the regulations incorporate further amendments made to those directives by the following:

Forty-fourth Commission Directive 83/615/EEC (OJ No. L 350, 13.12.83, p. 17) amending the Annexes to Council Directive 70/524/EEC concerning additives in feeding stuffs;

Forty-sixth Commission Directive 84/349/EEC (OJ No. L 183, 11.7.84, p. 15) amending the Annexes to Council Directive 70/524/EEC concerning additives in feeding stuffs;

Forty-seventh Commission Directive 84/547/EEC (OJ No. L297, 15.11.84, p. 40) amending the Annexes to Council Directive 70/524/EEC concerning additives in feeding stuffs;

Commission Directive 84/443/EEC (OJ No. L 245, 14.9.84, p. 21) amending the Annex to Council Directive 82/471/EEC concerning certain products used in animal nutrition;

Commission Directive 85/509/EEC (OJ No. L 314, 23.11.85, p. 25) amending the Annex to Council Directive 82/471/EEC concerning certain products used in animal nutrition.

3. The regulations apply to feeding stuffs for animals of the descriptions specified in regulation 3 and for pet animals. Those feeding stuffs (with the exception of straight feeding stuffs intended for use as pet foods) are prescribed in regulation 4 for the purposes of Sections 68(1) and 69(1) of the Agriculture

Act 1970 ("the Act"), which require the sellers of prescribed materials to give statutory statements as to their composition and information or instructions as to their storage, handling and use, and to mark them with that information. The contents of statutory statements are prescribed by regulation 5 and Schedule 1, and their form by regulation 6. Further provisions relating to statutory statements are contained in regulations 7, 8 and 9.

4. The regulations also provide for—

(a) permitted limits of variation in mis-statements in statutory statements, (regulation 11 and Schedule 3);

(b) the manner of packaging and sealing compound feeding stuffs, (regulation 12); and

(c) the meaning of names for the purposes of Section 70 of the Act, (which creates an implied warranty that material described by a name to which a meaning has been so assigned accords with that meaning), (regulation 13 and Schedule 2).

5. The regulations further provide for the control of the moisture content of compound feeding stuffs containing milk products (regulation 14), and regulate the sale and possession for sale of feeding stuffs containing additives, (regulation 15), undesirable substances (regulation 16 and Schedule 5), Aflatoxin B_1, (regulation 17), and certain protein sources and non-protein nitrogenous compounds, (regulation 18 and Schedule 7).

The sale or possession for sale of feeding stuffs consisting of or containing "Candida" yeasts cultivated on n-alkanes is prohibited, (regulation 18(2), implementing Commission Decision 85/382/EEC, (O.J. No. L 217, 14.8.85, p. 27).

6. The regulations make minor modifications to Part IV of the Act, (regulations 19(1) and (2) and 20), and bring further sections of that Part of the Act within the scope of Section 82 (which provides defences of mistake, accident etc), (regulation 19(3)).

Limited exemptions from their application are provided in regulations 15(2), 16(3) and 21.

7. The following changes in the law are effected:

(a) The regulations now assign meanings, for the purposes of Section 70 of the Act (see paragraph 4*(c)* above), to certain expressions which previously were defined only for the purposes of the regulations themselves, (regulation 10).

(b) The exemption provided by regulation 21*(a)* in favour of feeding stuffs intended for use only for the experimental investigation or testing of substances controlled under regulation 15 no longer requires the supervision of the Ministers.

(c) Further labelling requirements are imposed in relation to certain products named in Schedule 7 and compound feeding stuffs containing such products, (Schedule 1, paragraph 15).

(d) Detailed amendments are made to the provisions relating to additives in Schedule 4, (Parts III, IV and VI of the Table in that Schedule).

(e) Additional detailed provisions relating to protein sources are included in Schedule 7.

8. Method 3 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982 (S.I. 1982/1144), referred to in the definition of "oil" in regulation 2(1), was substituted by the Feeding Stuffs (Sampling and Analysis) (Amendment) Regulations 1985 (S.I. 1985/1119).

SI 1986/177
ISBN 0-11-066177-X

