

1992 No. 270**AGRICULTURE****The Feeding Stuffs Regulations (Northern Ireland) 1992**

Made 11th June 1992

Coming into operation 27th July 1992

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The Department of Agriculture, being a Department designated (a), for the purposes of section 2(2) of the European Communities Act 1972 (b) in relation to the common agricultural policy of the European Economic Community, in exercise of the powers conferred on it by that section and sections 66(1), 68(1), (1A) and 3, 69(1), (3), (6) and (7), 70(1), 73(3), 74(1), 74A (c), 84 and 86 of the Agriculture Act 1970 (d) and of every other power enabling it in that behalf, after consultation with such persons or organisations as appear to it to represent the interests concerned, hereby make the following Regulations:—

Citation, commencement and transitional provisions

1.—(1) These Regulations may be cited as the Feeding Stuff Regulations (Northern Ireland) 1992, and shall come into operation on 27th July 1992.

(2) Subject to paragraph (3), the provisions of—

- (a) Schedule 1 insofar as it relates to compound feeding stuffs;
- (b) Parts A and B of Schedule 3; and
- (c) Part II of Schedule 6,

shall not apply in relation to any compound feeding stuff manufactured before 22 January 1992 and sold before 31 December 1992, and in relation to any such compound feeding stuff the provisions of Schedule 1 (insofar as it relates to compound feeding stuffs) and Parts A, B and E of Schedule 3 to the Feeding Stuff Regulations (Northern Ireland) 1988 (e) shall continue to

(a) S.I. 1972/1811.

(b) 1972 c. 68; section 2 is subject to Schedule 2 to that Act and is to be read with S.I. 1984/703 (N.I. 3) and S.R. 1984 No. 253.

(c) Inserted by 1972 c. 68 s. 4(1) and Schedule 4, paragraph 6.

(d) 1970 c. 40 as amended by S.I. 1982/980.

(e) S.R. 1988 No. 188, amended by S.R. 1990 No. 202 and S.R. 1991 No. 522.

apply for the purposes mentioned in regulations 5 and 10 respectively.

(3) The Feeding Stuffs Regulations (Northern Ireland) 1988 shall not apply in relation to any compound feeding stuff to which paragraph (2) would otherwise relate if that compound feeding stuff complies with the provisions of these Regulations.

Interpretation

2.—(1) In these Regulations—

“additive” means any substance, or preparation containing any substance, other than a premixture as defined, which, when incorporated into a feeding stuff, is likely to affect its characteristics or livestock production;

“ash” means the matter which results from the treatment of the feeding stuff in accordance with the appropriate procedure described in method 12 of Schedule 2 to the Sampling and Analysis Regulations;

“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 a mixture of products of vegetable or animal origin in their natural state, fresh or preserved, or products derived from the industrial processing thereof, or organic or inorganic substances, whether or not containing additives, for oral animal feeding in the form of complete feeding stuffs or complementary feeding stuffs;

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

“energy value” means the energy value of a feeding stuff calculated in accordance with the method described in Schedule 9;

“fat” means the extract obtained as a result of treatment of the feeding stuff in accordance with the appropriate procedure described in method 3 of Schedule 2 to the Sampling and Analysis Regulations;

“feeding stuff” has the meaning attributed to it by section 66(1) as modified by regulation 19(1);

“fibre” means the organic matter calculated as a result of treatment of the feeding stuff in accordance with the procedure described in method 9 of Schedule 2 to the Sampling and Analysis Regulations;

“ingredient” means—

(a) a product of vegetable or animal origin, in its original state, fresh or preserved;

(b) any product derived from such a product by industrial processing;
or

(c) any organic or inorganic substance;

whether containing additives or not, which is intended for circulation as a straight feeding stuff or for the preparation of a compound feeding stuff or as a carrier of a premixture;

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

“milk replacer feed” means a compound feeding stuff administered in dry form or after reconstitution with a given quantity of liquid for feeding young animals as a supplement to, or substitute for, post-colostral milk or for feeding calves intended for slaughter;

“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;

“minimum storage life” means, in relation to a compound feeding stuff, the date until which, under proper storage conditions, that feeding stuff retains its specific properties;

“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 in accordance with the procedure described in method 2 of Schedule 2 to the Sampling and Analysis Regulations;

“name” in relation to an additive, means the name used in relation to that additive in the Table in Schedule 4;

“national list” means the list of manufacturers of compound feeding stuffs published in London by the Ministry of Agriculture, Fisheries and Food for the purposes of Article 3a(2)(a) of the Council Directive 74/63/EEC on undesirable substances and products in animal nutrition (b);

“oil” means the extract obtained as a result of treatment of the feeding stuff in accordance with the appropriate procedure described in method 3 of Schedule 2 to the Sampling and Analysis Regulations;

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

“premixture” means a mixture of additives, or a mixture of one or more additives with substances used as carriers, intended for the manufacture of feeding stuffs;

(a) 1968 c. 67.

(b) O.J. No. L38, 11.2.1974, p31, amended by Council Directive 86/354/EEC (O.J. No. L212, 2.8.1986, p27).

“protein” means the matter obtained as a result of treatment of the feeding stuff in accordance with the procedure described in method 4 of Schedule 2 to the Sampling and Analysis Regulations;

“protein equivalent of urea, biuret, urea phosphate and diureidoisobutane” means the amount of urea, biuret, urea phosphate and diureidoisobutane nitrogen multiplied by 6.25;

“Sampling and Analysis Regulations” means the Feeding Stuffs (Sampling and Analysis) Regulations (Northern Ireland) 1982 (a);

“starch” means the matter obtained as the result of treatment of the feeding stuff in accordance with method 30a or 30b, as appropriate, of Schedule 2 to the Sampling and Analysis Regulations;

“straight feeding stuff” means a vegetable or animal product in its natural state, fresh or preserved, and any product derived from the industrial processing thereof, and any single organic or inorganic substance, whether or not it contains any additive, intended as such for oral animal feeding.

(2) 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 Agriculture Act 1970.

(3) The Interpretation Act (Northern Ireland) 1954 (b) shall apply to these Regulations as it applies to a Measure of the Northern Ireland Assembly.

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

3. For the purposes of the definition of feeding stuff in section 66(1), bulls, cows, steers, heifers, calves, sheep, lambs, goats, kids, swine, horses, deer, rabbits (other than pet rabbits), mink, partridges, pheasants, poultry, bees and farmed fish 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), and any material usable as an ingredient or additive in such a feeding stuff.

Matters required and permitted to be contained in a statutory statement or otherwise declared

5. The particulars, information and instructions required, and the particulars, information and instructions permitted, to be contained in a statutory statement or otherwise declared shall comply with the provisions of Schedule 1.

(a) S.R. 1982 No. 338 as amended by S.R. 1984 No. 26 and S.R. 1985 No. 194.

(b) 1954.c. 33 (N.I.).

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) 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.

(4) In this regulation “a prescribed description” means a description prescribed by regulation 4.

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

7. For the purposes of section 68(3), any statutory statement required to be given on the sale of any straight feeding stuff delivered in bulk may be given as soon as practicable after delivery to the purchaser.

Register of marks

8.—(1) As respects any straight feeding stuff 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) 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

9. For the purposes of section 70 the meaning assigned by these Regulations to "complementary feeding stuff", "complete feeding stuff", "compound feeding stuff", "feeding stuff", "milk replacer feed", "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

10. For the purposes 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 or energy value mentioned in the first column of Schedule 3, shall be as set out with respect to that constituent or value in the second column of the said Schedule.

Manner of packaging and sealing compound feeding stuffs, additives and premixtures

11.—(1) Subject to paragraphs (2), (3) and (4) a person shall not sell a compound feeding stuff or any additive or premixture 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 enterprises;
- (c) compound feeding stuffs obtained by mixing grain or whole fruit;
- (d) blocks or licks;

- (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).

(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;
- (c) pelleted feeding stuffs.

(4) Additives and premixtures may be sold in bulk, in unsealed bags or in unsealed containers in the case of deliveries to manufacturers of premixtures or feeding stuffs.

Meanings of names and purity of materials

12.—(1) For the purposes of section 70, any name of a material specified in column 2 of Schedule 2 shall have the meaning assigned thereto in column 3 of the said Schedule.

(2) A person shall not sell or have in possession with a view to sale for use as a feeding stuff—

- (a) a vegetable material named in this subparagraph, of which the minimum botanical purity is less than the proportion specified in each case:

rapeseed expeller	— 94 per cent
extracted rapeseed	— 94 per cent
linseed expeller	— 93 per cent
extracted linseed	— 93 per cent
broken rice	— 99 per cent

- (b) a vegetable material specified in column 2 of Schedule 2 other than one named in subparagraph (a), of which the botanical purity is less than 95 per cent.

Control of added substances contained in feeding stuffs

13.—(1) A person shall not 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 Northern Ireland for such use, any material containing any additive, unless the material complies with the relevant provisions of Schedule 4.

(2) Paragraph (1) 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) A person shall not use as a feeding stuff or import into Northern Ireland 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, to human beings or to the environment.

(4) A person shall not sell, or have in possession with a view to sale, for use as a feeding stuff, or import into Northern Ireland 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 and ingredients containing undesirable substances

14.—(1) A person shall not sell, or have in possession with a view to sale, for use as a feeding stuff, or use as a feeding stuff, any material specified in column 2 of Part I of Schedule 5 which contains any substance specified in column 1 of that Part in excess of the level specified in relation thereto in column 3 thereof.

(2) A person shall not sell, or have in possession with a view to sale, any complementary feeding stuff which contains a substance specified in column 1 of Part I of Schedule 5 unless—

- (a) that feeding stuff is specified in column 2 thereof; and
- (b) the instructions for use are so worded as to ensure that—
 - (i) the feeding stuff is used only as part of a daily ration, and
 - (ii) the daily ration contains no more of the specified substance than the level specified in relation thereto for complete feeding stuffs.

(3) A person shall not sell, or have in possession with a view to sale, for use as an ingredient, any material specified in column 2 of Part II of Schedule 5 which contains any substance specified in column 1 of that Part in excess of the level specified in relation thereto in column 3 thereof.

(4) A person shall not sell, or have in possession with a view to sale, for use as an ingredient, any material specified in column 2 of Part II of Schedule 5 which contains any substance specified in column 1 of that Part in excess of the level specified in relation to straight feeding stuffs in column 3 of Part I of that Schedule unless—

- (a) the material is intended for use only by manufacturers of compound feeding stuffs who are then listed in the most recently published national list; and
- (b) it is accompanied by a document stating—
 - (i) that the material is intended only for the use specified in subparagraph (a),
 - (ii) that the material may not be fed unprocessed to livestock, and
 - (iii) the amount of the specified substance contained in the material.

(5) Paragraphs (1) to (4) 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.

(6) A person shall not sell or have in possession with a view to sale, for use as a compound feeding stuff, or use as a compound feeding stuff, any material which contains—

(a) faeces, urine or separated digestive tract content resulting from the emptying or removal of the digestive tract, irrespective of any form of treatment or admixture;

(b) leather or leather waste;

(c) seeds or other plant propagating materials which, after harvest, have undergone specific treatment with plant protection products for their intended propagation, or derived by-products;

(d) wood, sawdust or other materials derived from wood treated with wood protection products; or

(e) sludge from sewage plants treating waste waters.

Control of certain protein sources

15.—(1) A person shall not sell, or have in possession with a view to sale, for use as a feeding stuff or as a protein source in 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 that Schedule.

(2) A person shall not sell, or have in possession with a view to sale, for use as a feeding stuff, or use as a feeding stuff, any product obtained from yeasts of the “Candida” variety cultivated on n-alkanes.

Control of additives and premixtures

16.—(1) A person shall not sell any additive in a bag or container which is not labelled or marked in accordance with Part I of Schedule 8 and paragraph (3).

(2) A person shall not sell any premixture in a bag or container which is not labelled or marked in accordance with Part II of Schedule 8 and paragraph (3).

(3) Every label or mark required by paragraph (1) and (2) shall conform to the provisions of regulation 6(1) and (2) as if such label or mark were a statutory statement.

Control of iron content of milk replacer feeds

17. A person shall not sell, or have in possession with a view to sale, any milk replacer feed intended for calves of up to 70 kilograms live weight

which has an iron content of less than 30 milligrams per kilogram of the complete feeding stuff at a moisture content of 12 per cent.

Control of ash insoluble in hydrochloric acid in compound feeding stuffs

18.—(1) Subject to paragraph (2), a person shall not sell, or have in possession with a view to sale—

- (a) any compound feeding stuff composed mainly of rice by-products in which the level of ash insoluble in hydrochloric acid exceeds 3.3 per cent of its dry matter; or
- (b) any other compound feeding stuff in which the level of ash insoluble in hydrochloric acid exceeds 2.2 per cent of its dry matter.

(2) Paragraph (1)(b) shall not apply to any compound feeding stuff which—

- (a) contains permitted mineral binders named or described in Part IV of the Table in Schedule 4; or
- (b) is a mineral feeding stuff; or
- (c) contains more than 50 per cent of sugar beet chips or sugar beet pulp; or
- (d) is intended for farmed fish and has a fish meal content of more than 15 per cent,

if the level of ash insoluble in hydrochloric acid is declared as a percentage of the feeding stuff as such in the statutory statement or elsewhere on the package, label or container; but in the case of a whole grain mix such a declaration shall not be required but may be made.

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

19.—(1) For the definition of “feeding stuff” in section 66(1) there shall be substituted the following definition:

““feeding stuff” means—

- (a) a product of vegetable or animal origin in its natural state (whether fresh or preserved);
- (b) a product derived from the industrial processing of such a product; or
- (c) an organic or inorganic substance, used singly or in a mixture (and whether or not containing additives),

for oral feeding to pet animals and such descriptions of animals as may be prescribed, being animals which, or kinds of which, are commonly kept for the production of food, wool, skins or fur or for the purpose of their use in the farming of land;”

(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 or additive 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 or additive 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)” (a) and for the words “and 73” there shall be substituted the words “73, 73A and 74A” (b).

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 paragraph (2).

(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”.

Inspector’s power to enter premises and inspect records

21.—(1) This regulation shall apply for the purpose of ensuring compliance with the following provisions insofar as they relate to compound feeding stuffs:

- (a) sections 68, 69, 70, 73, 73A and 74;
- (b) regulations 5, 14(6), 17 and 18, and Schedules 1 and 6.

(2) An inspector appointed under section 67 may at all reasonable times enter any premises (not being premises used only as a dwelling)—

- (a) on which he has reasonable cause to believe any compound feeding stuff is manufactured, or
- (b) which he has reasonable cause to believe is occupied by a person engaged in the manufacture of any compound feeding stuff for purposes related to such manufacture by him, and may on those premises—

(a) Section 68(1A) was inserted by the Agriculture Act 1970 Amendment Regulations 1982 (S.I. 1982/980), regulation 5.
 (b) Section 73A was inserted by the Agriculture Act 1970 Amendment Regulations 1982 (S.I. 1982/980) regulation 7. Section 74A was inserted by the European Communities Act 1972, c. 68, Schedule 4, paragraph 6.

- (i) require any person engaged in the manufacture of any compound feeding stuff to produce any record, in written or any other form, relating to the manufacture by that person of any compound feeding stuff;
- (ii) inspect and take copies of any such record,
- (iii) where any such record is kept by means of a computer, have access to any computer and any associated apparatus or material which is or has been in use in connection with the record; and
- (iv) where any such record is kept as aforesaid, require any person having charge of, or otherwise concerned with the operation of, the computer, apparatus or material to afford him such assistance as he may reasonably require.

(3) An inspector entering any premises by virtue of this regulation may take with him such other persons and such equipment as may appear to him to be necessary.

(4) Section 83 shall apply in relation to the exercise or, as the case may be, the purported exercise, of any powers under this regulation as it applies in relation to the exercise or purported exercise of any power under Part IV of the Agriculture Act 1970 (a).

Exemptions

22. 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 13; 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.

Enforcement

23. Insofar as any provision of these Regulations is made under section 2(2) of the European Communities Act 1972, that provision shall be enforced as if it were made under those provisions of the Agriculture Act 1970 under which the other provisions of these Regulations are made and the provisions of Part IV of the said Agriculture Act shall apply accordingly.

Revocation

24. Subject to regulation 1(2) the Feeding Stuffs Regulations (Northern Ireland) 1988 (b), the Feeding Stuffs (Amendment) Regulations (Northern Ireland) 1990 (c) and the Feeding Stuffs (Amendment) Regulations (Northern Ireland) 1991 (d) are hereby revoked.

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- (a) 1970 c. 40.
 - (b) S.R. 1988 No. 188.
 - (c) S.R. 1990 No. 202.
 - (d) S.R. 1991 No. 522.

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Agriculture

No. 270

Sealed with the Official Seal of the Department of Agriculture for
Northern Ireland on 11th June 1992.

(L. S)

L. Sinclair
Assistant Secretary

CONTENTS OF THE STATUTORY STATEMENT

PART I

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 the particulars referred to in this Schedule shall be contained in the statutory statement.

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

- (a) the identification mark or trade mark of the person responsible for the particulars referred to in this Schedule;
- (b) the description or trade name of the material;
- (c) the price of the material; and
- (d) the country of origin or manufacture of the material.

2. 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 in relation to each substance shall also be contained in the statutory statement:

(a) 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; except that—

- (i) if the material is a compound feeding stuff other than a pet food, the name of the antioxidant, colourant or preservative shall be stated;
- (ii) if the material is intended for use as a pet food, and is put up in a bag or container having a net weight of more than 10 kilograms, the words “with antioxidant”, “colourant” (or “coloured with”), “preservative” (or “preserved with”) shall be used as appropriate, followed by the name of the antioxidant, colourant or preservative;
- (iii) if the material is intended for use as a pet food, and is put up in a bag or container having a net weight of not more than 10 kilograms, the particulars may be given as in (ii) or in the words “contains EEC permitted antioxidant(s), colourant(s) (and) preservative(s)” as appropriate, and a reference number whereby the feeding stuff may be identified. By way of exception, this reference number may appear elsewhere on the package, label or container if the statutory statement contains a clear indication of the positioning of the said reference number. In such case, the manufacturer shall, on request, supply the name(s) of the additive(s) used;

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

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

(d) bentonite and montmorillonite, the name of the additive.

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

- (a) trace elements other than copper, (if the amount present can be determined by the methods specified in Schedule 2 to the Sampling and Analysis Regulations or by some other valid scientific method), the name of the additive and the total level of the element (whether naturally present or added); and
- (b) vitamins other than vitamins A, D and E, provitamins and substances having a similar chemical effect, (if the amount present can be determined by the methods specified in Schedule 2 to the Sampling and Analysis Regulations or by some other valid scientific method), the name of the additive, the active substance level (whether naturally present or added) and an indication of the period during which that level will remain present; and
- (c) any other added substance, its EEC number or its trade name.

(3) Any amount referred to—

- (a) in subparagraphs (1)(c), (2)(a) or (2)(b) shall be expressed in milligrams per kilogram; and
- (b) in subparagraph (1)(b) shall be expressed in million international units per kilogram, international units per kilogram, milligrams per kilogram or micrograms per kilogram, as appropriate.

(4) However, by way of exception to the provisions of subparagraph (3)(a), any amount referred to in subparagraphs (1)(c), (2)(a) or (2)(b) may 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 or micrograms per kilogram as appropriate.

(5) The particulars required or permitted by this paragraph to be included in the statutory statement may be accompanied by the trade name or the EEC number of any additive named therein.

3. In the case of any material of any description, not being a pet food, named in column 2 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 column 2;
- (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 column 2 of Schedule 2 are used to denature straight feeding stuffs;
- (d) binding agents: nature where materials referred to in column 2 of Schedule 2 are used to bind straight feeding stuffs, provided that such materials do not exceed 3 per cent by weight of the straight feeding stuff; and
- (e) the amounts of each of the analytical constituents which are listed in column 4 of Schedule 2, in the case of straight feeding stuffs by reference to the feeding stuff as such.

4. In the case of any material of any description, not being a pet food, named in column 2 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 column 5 of Schedule 2; in the case of straight feeding stuffs by reference to the

feeding stuff as such.

5. In the case of any 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.—(1) Subject to subparagraph (2), in the case of any compound feeding stuff the following particulars shall also be contained in the statutory statement:

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

(b) the species or category of animal for which the feeding stuff is intended, and directions for the proper use of the feeding stuff indicating the purpose for which it is intended.

(2)(a) In the case of a pet food the descriptions "complete pet food" and "complementary pet food" may be used instead of "complete feeding stuff" and "complementary feeding stuff" respectively.

(b) In the case of a feeding stuff for pet animals other than dogs or cats each of the descriptions "complete feeding stuff" and "complementary feeding stuff" may be replaced by either of the descriptions "compound feeding stuff" or "compound pet food", in which case the statutory statement shall comply with paragraph 9 and the provisions relating to complete feeding stuffs in Part II.

(c) If the feeding stuff is constituted from no more than three ingredients, and clearly described by reference to its ingredients either in the statutory statement or elsewhere on its package, label or container, the declarations specified in (b) shall not be required.

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

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

(b) the minimum storage life, which in the case of microbiologically highly perishable feeding stuffs shall be expressed in the words "use before . . ." followed by the appropriate date (day, month and year) and in all other cases in the words "best before . . ." followed by the appropriate date (month and year);

however, where an expiry date is required to be declared by paragraph 2(1)(b) or 2(2)(b), only the earlier date shall be declared;

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

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

(a) shall contain the declarations provided for in columns 1, 2 and 3 of Part II, as appropriate; and

(b) may contain the declarations provided for in columns 1, 2 and 4 of Part II, as appropriate.

(2) In the case of a whole grain mix, the statutory statement may contain the declarations provided for in columns 1, 2 and 3 of Part II, as appropriate.

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

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

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

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

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

(3) Ingredients declared in accordance with subparagraph (1) or (2) shall be declared either—

- (a) by their specific names, with an indication of the amount of each ingredient,
or
- (b) by their specific names in descending order by weight, or
- (c) by categories, as described in Part I of Schedule 6, in descending order by weight;

and the use of one of those forms of declaration shall exclude the use of either of the others, save where the declaration is by categories and one of the ingredients belongs to none of the categories described in Part I of Schedule 6, in which case that ingredient, designated by its specific name, shall be listed in order by weight in relation to the categories.

12.—(1) In the case of any compound feeding stuff for animals other than pet animals, all the ingredients shall be declared in the statutory statement in descending order of weight, either by their specific names or by the names of the categories in Part II of Schedule 6 to which they belong.

(2) The use of either of these forms of declaration shall exclude the use of the other, save where the declaration is by categories and one of the ingredients belongs to none of the categories described in Part II of Schedule 6, in which case that ingredient, designated by its specific name, shall be listed in order by weight in relation to the categories.

13. Where a compound feeding stuff having a level of ash insoluble in hydrochloric acid not exceeding the levels stated in regulation 18(1), or which is a whole grain mix, is sold or held in possession with a view to sale, that level may be declared in the statutory statement or elsewhere on the package, label or container.

14. In the case of any compound feeding stuff the following particulars may be included in the statutory statement:

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

- (b) an indication of the physical condition of the feeding stuff or the specific processing it has undergone; and
- (c) the date of manufacture expressed as follows: "manufactured . . . [days, months or years] before the minimum storage life expiry date indicated . . . [place where indicated if not on statutory statement]" . . .

15. In the case of a complementary feeding stuff which contains any additive in excess of the maximum content specified for that additive in relation to the complete feeding stuff by Schedule 4, the instructions for use shall state, according to the species and age of the animal, the maximum quantity in grams or kilograms of the feeding stuff to be given per animal per day, and shall be so formulated that, when they are correctly followed, the final content of the additive does not exceed the maximum so specified.

This paragraph shall not apply to products delivered to manufacturers of compound feeding stuffs or to their suppliers.

16. In the particulars required or permitted to be set out in the statutory statement by paragraphs 8 to 13—

- (a) unless the paragraph in question specifies some other method of expression, the amounts shown shall be expressed in each case as a percentage of the weight of the feeding stuff as such and not as a range of percentages, and
- (b) phosphorus shall be expressed as "phosphorus P".

17.—(1) Subject to subparagraph (2), in the case of a compound pet food the statutory statement may draw particular attention to the presence or low content of one or more ingredients which are essential aspects of the characteristics of the feeding stuff.

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

- (a) opposite the statement which draws attention to that presence or low content, or
- (b) in the list of ingredients, or
- (c) by mentioning that presence or low content and the percentage thereof (by weight) opposite the corresponding category of ingredients.

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

(2) In the case of a compound feeding stuff containing for use as a protein source a product named as a permitted product in column 2 of Schedule 7, the statutory statement shall contain, in addition to any other particulars required by these Regulations, the name specified for that product in column 7 of that Schedule together with such further particulars as may be specified in that column in relation to compound feeding stuffs containing that product.

19.—(1) Subject to subparagraph (2), information may be provided in addition to the particulars required or permitted to be contained in the statutory statement or otherwise declared.

(2) Any information provided in addition to the particulars required or permitted by these Regulations to be contained in the statutory statement or otherwise

declared—

- (a) shall be clearly separated from those particulars;
- (b) shall not be designed to indicate the presence or content of analytical constituents other than those the declaration of which is provided for in this Schedule;
- (c) shall relate to objective or quantifiable factors which can be substantiated;
- (d) must not mislead the user, in particular by attributing to the feeding stuff effects or properties that it does not possess or by suggesting that it possesses special characteristics when in fact all similar feeding stuffs contain similar properties; and
- (e) must not claim that the feeding stuff will prevent, treat or cure a disease except as regards ingredients which are medicinal products within the meaning of the Medicines Act 1968.

PART II
DECLARATION OF ANALYTICAL CONSTITUENTS

<i>Feeding stuffs</i>	<i>Analytical constituents and levels</i>	<i>Species or category of animal</i>	
		<i>Compulsory declarations</i>	<i>Optional declarations</i>
(1)	(2)	(3)	(4)
Complete feeding stuffs	-Crude protein -Crude oils and fats -Crude fibre -Crude ash -Lysine -Methionine -Cystine -Threonine -Tryptophan -Energy value 	} Animals except pets } other than dogs } or cats Pigs Poultry 	} Pets other than dogs } or cats Animals other than pigs Animals other than poultry } All animals Poultry (calculated according to EEC methods—see Sche- dule 9) Pigs and ruminants (calcu- lated according to national official methods—see Sche- dule 9)

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Feeding stuffs	Analytical constituents and levels	Species or category of animal	
		Compulsory declarations	Optional declarations
(1)	(2)	(3)	(4)
	- Starch - Total sugar (as sucrose) - Total sugar plus starch - Calcium - Sodium - Phosphorus - Magnesium - Potassium	..... ..... ..... ..... ..... ..... .....	} All animals
Complementary feeding stuffs— Mineral	- Crude protein - Crude fibre - Crude ash - Crude oils and fats - Lysine - Methionine - Cystine - Threonine - Tryptophan - Calcium - Phosphorus - Sodium - Magnesium } All - Potassium Ruminants	} All animals Animals other than ruminants All animals

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	- Potassium	All animals
Complementary feeding stuffs— Molassed	- Crude protein	} All animals	}
	- Crude fibre		
	- Total sugar (as sucrose)		
	- Crude ash		
	- Crude oils and fats	.....	All animals
	- Calcium	.....	} All animals
	- Phosphorus	.....
	- Sodium	.....
	- Potassium	.....
	- Magnesium $\geq 0.5\%$	Ruminants	Animals other than ruminants
	$< 0.5\%$	.....	All animals
Complementary feeding stuffs—Other	- Crude protein	} Animals except pets other than dogs and cats	} Pets other than dogs and cats
	- Crude oils and fats		
	- Crude fibre		
	- Crude ash		
	- Calcium $\geq 5\%$	Animals other than pets	Pets
	$< 5\%$	All animals
	- Phosphorus $\geq 2\%$	Animals other than pets	Pets
	$< 2\%$	All animals

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PART II—continued

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<i>Feeding stuffs</i>	<i>Analytical constituents and levels</i>	<i>Species or category of animal</i>	
		<i>Compulsory declarations</i>	<i>Optional declarations</i>
(1)	(2)	(3)	(4)
	-Magnesium $\geq 0.5\%$ < 0.5% -Sodium -Potassium -Energy value	Ruminants	Animals other than ruminants } All animals
	-Lysine -Methionine -Cystine -Threonine -Tryptophan -Starch -Total sugar (as sucrose) -Total sugar plus starch	Pigs Poultry	Poultry (declaration according to EEC methods—see Schedule 9) Pigs and ruminants (declaration according to national official methods—see Schedule 9) Animals other than pigs Animals other than poultry } All animals

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SCHEDULE 2

Regulation 12 and Schedule 1

MATERIALS AND THEIR MEANINGS

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Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
1 OIL CAKES AND MEAL	1.1 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 <i>Acrocomia sclerocarpa Mart.</i> and <i>Acrocomia totai Mart.</i>	Protein Fibre Oil	Ash Moisture
	1.2 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
	1.3 Macoya palm pulp	By-product of oil manufacture, obtained by pressing from pulp of Macoya palm	Protein Fibre Oil	Ash Moisture
	1.4 Decorticated groundnut expeller	By-product of oil manufacture, obtained by pressing from decorticated groundnuts (species <i>Arachis hypogaea</i> and other species of <i>Arachis</i>)	Protein Fibre Oil	Ash Moisture
	1.5 Extracted decorticated groundnut	By-product of oil manufacture, obtained by extraction from decorticated groundnut seeds	Protein Fibre	Ash Moisture Oil

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SCHEDULE 2— continued

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
	1.6 Partly-decorticated groundnut expeller	By-product of oil manufacture, obtained by pressing from partly-decorticated groundnut seeds	Protein Fibre Oil	Ash Moisture
	1.7 Extracted, partly-decorticated groundnut	By-product of oil manufacture, obtained by extraction from partly-decorticated groundnut seeds	Protein Fibre	Ash Moisture Oil
	1.8 Rape seed expeller	By-product of oil manufacture obtained by pressing from seeds of rape <i>Brassica napus L. ssp. oleifera</i> (Metzg.) Sinsk., of Indian sarson <i>Brassica napus L. var. glauca</i> (Roxb.) O.E. Schulz and of rape <i>Brassica campestris L. ssp. oleifera</i> (Metzg.) Sinsk.	Protein Fibre Oil	Ash Moisture
	1.9 Extracted rape seed	By-product of oil manufacture obtained by extraction from seeds of colza, Indian sarson or rape	Protein Fibre	Ash Moisture Oil
	1.10 Copra expeller	By-product of oil manufacture obtained by pressing from copra, the dried kernel (endosperm) and testa of the coconut palm, <i>Cocos nucifera L.</i>	Protein Fibre Oil	Ash Moisture
	1.11 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
	1.12 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: <i>Elaeis guineensis</i> Jacq., <i>Corozo oleifera</i> (H.B.K.) L.H. Bailey (<i>Elaeis melanococca-auct.</i>)	Protein Fibre Oil	Ash Moisture
	1.13 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
	1.14 Soya expeller	By-product of oil manufacture, obtained by pressing from soya beans (the seed of the species <i>Glycine max.</i> (L.) Merr.)	Protein Fibre Oil	Ash Moisture
	1.15 Extracted toasted soya	By-product of oil manufacture, obtained from soya bean seeds by extraction and appropriate heat treatment	Protein Fibre	Ash Moisture Oil
	1.16 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
	1.17 Decorticated cotton seed expeller	By-product of oil manufacture, obtained by pressing from seeds of cotton belonging to the genus <i>Gossypium</i> spp. from which the fibres and husks have been removed	Protein Fibre Oil	Ash Moisture

SCHEDULE 2—continued

<i>Group</i>	<i>Name of Material</i>	<i>Meaning</i>	<i>Compulsory declarations</i>	<i>Optional declarations</i>
1	2	3	4	5
	1.18 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
	1.19 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
	1.20 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
	1.21 Expeller or extracted niger seed	By-product of oil manufacture, obtained by pressing seeds of the niger plant <i>Guizotia abyssinica</i> (L.f) Cass.	Protein Fibre Oil	Ash Moisture
	1.22 Decorticated sunflower seed expeller	By-product of oil manufacture, obtained by pressing from seeds of the sunflower <i>Helianthus annuus</i> , L. from which as much as possible of the husk has been removed	Protein Fibre Oil	Ash Moisture

	1.23 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 Oil	Ash Moisture Oil
	1.24 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
	1.25 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
	1.26 Linseed expeller	By-product of oil manufacture, obtained by pressing from linseed, <i>Linum usitatissimum L.</i>	Protein Fibre Oil	Ash Moisture
	1.27 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
	1.28 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 <i>Orbignya oleifera Burr</i> and other species of <i>Orbignya</i>	Protein Fibre Oil	Ash Moisture
	1.29 Rice germ expeller	By-product of oil manufacture, obtained by pressing from germ of rice <i>Oryza sativa L.</i> to which parts of the endosperm and tegument still adhere	Protein Fibre Oil	Ash Moisture

SCHEDULE 2—continued

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Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
	1.30 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
	1.31 Sesame seed expeller	By-product of oil manufacture, obtained by pressing from seeds of the sesame plant, <i>Sesamum indicum L.</i>	Protein Fibre Oil	Ash Moisture
	1.32 Extracted sesame seed	By-product of oil manufacture, obtained by extraction from seeds of the sesame plant	Protein Fibre	Ash Moisture Oil
	1.33 Extracted cocoa bean	By-product of oil manufacture, obtained by extraction from dried and roasted cocoa bean seeds <i>Theobroma cacao L.</i> from which as much as possible of the husk has been removed	Protein Fibre	Ash Moisture Oil
	1.34 Wheat germ expeller	By-product of oil manufacture, obtained by pressing from wheat germ of the species <i>Triticum aestivum L.</i> , <i>Triticum durum Desf.</i> and from other cultivated species of husked wheat or from screened husked grains of spelt of the species <i>Triticum spelta L.</i> , <i>Triticum dicoccum Schrank</i> , <i>Triticum monococcum L.</i> , to which parts of the endosperm and tegument still adhere	Protein Fibre Oil	Ash Moisture

	1.35 Maize germ expeller (by-product of maize milling)	By-product of oil manufacture, obtained by pressing and by a dry process, from maize germ <i>Zea mays L.</i> to which parts of the endosperm and testa still adhere	Protein Fibre Oil	Ash Moisture Starch
	1.36 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
	1.37 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
	1.38 Extracted maize germ (by-product of the starch industry)	By-product of oil manufacture, obtained by extraction and by wet process, from maize germ to which parts of the endosperm and testa still adhere	Protein Fibre	Ash Moisture Oil
	1.39 Olive pulp meal	By-product of oil manufacture, obtained by extraction from fruits of the olive tree <i>Olea Europea L.</i> free as far as possible from fragments of stone	Protein Fibre	Ash Moisture Oil

SCHEDULE 2—continued

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<i>Group</i>	<i>Name of Material</i>	<i>Meaning</i>	<i>Compulsory declarations</i>	<i>Optional declarations</i>
1	2	3	4	5
2 PRODUCTS AND BY-PRODUCTS OF THE PROCESSING OF VEGETABLE SUBSTANCES				
2.1 By-products milling wheat	2.1.1 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
	2.1.2. 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
	2.1.3 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

	2.1.4 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
	Wheat meal	The meal obtained by grinding commercially pure wheat, as grown	Fibre	Ash Moisture
	2.1.5 Rye bran	By-product of flour manufacture, obtained from screened rye <i>Secale cereale L.</i> 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
	2.1.6 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
	2.1.7 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
2.2 Products and by-products of the manufacture of flakes, groats and husked grain	2.2.1 Husked oat sharps (middlings)	By-product, rich in starch, obtained during the processing of screened, husked, oats <i>Avena sativa L.</i> and other cultivated species of oats into oat groats or sifted oatmeal	Fibre Starch	Ash Moisture

SCHEDULE 2—continued

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
	Oat feed	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
	2.2.2 Flaked barley	Product obtained by steaming and rolling husked barley <i>Hordeum vulgare L.</i>	Fibre	Starch Moisture
	2.2.3 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
	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
	2.2.4 Flaked maize	Product obtained by steaming and rolling maize	Fibre	Starch Moisture
	2.2.5 Pea middlings (pea forage meal)	By-product obtained during the manufacture of pea-meal <i>Pisum sativum L.</i> It consists principally of particles of endosperm, and to a lesser extent, of skins	Protein Fibre	Oil Ash Moisture

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	Pea meal	The meal obtained by grinding commercially pure peas, as grown, of varieties <i>Pisum sativum</i> or <i>Pisum arvense</i>	Protein Fibre	Ash Moisture
	2.2.6 Flaked potatoes	Product obtained by drying potatoes, <i>Solanum tuberosum</i> L., whether or not peeled, which have been steamed or boiled or crushed	Fibre	Starch Moisture
	Bean meal	The meal obtained by grinding commercially pure beans of the species (1) <i>Vicia faba</i> or any of its varieties, commonly known as "horse bean", "field bean" or "broad bean" or (2) <i>Phaseolus vulgaris</i> , the "true haricot bean" or any of its varieties, white or coloured	Protein Fibre	Ash Moisture
2.3 By-product of maize milling	2.3.1 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
	2.3.2 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

SCHEDULE 2—continued

<i>Group</i>	<i>Name of Material</i>	<i>Meaning</i>	<i>Compulsory declarations</i>	<i>Optional declarations</i>
1	2	3	4	5
	2.3.3 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
	Dari meal; durra meal	The meal obtained by grinding commercially pure dari or durra seed	Fibre	Ash Moisture
2.4 Products and by-products of rice milling	2.4.1 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
	2.4.2 Broken rice	By-product of the preparation of polished or glazed rice. It consists principally of undersized or broken grains	Starch	
	2.4.3 Rice bran (brown)	By-product of the first polishing of husked rice without the use of calcium carbonate. It consists of silvery skins, particles of the aleurone layer, endosperm and germ	Protein Fibre Oil	Moisture Ash Ash insoluble in HCl

	2.4.3a Rice bran (brown), low in calcium carbonate	By-product of the first polishing of husked rice. It consists of silvery skins, particles of the aleurone layer, endosperm and germ; it contains a small quantity of calcium carbonate resulting from the polishing process	Protein Fibre Oil Calcium carbonate	Moisture Ash Ash insoluble in HCl
	2.4.4 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
2.5 Products and by-products of the starch industry	2.5.1 Maize starch	Virtually pure maize starch	Starch	Moisture Ash
	2.5.2 Puffed maize starch	Virtually pure maize starch, greatly expanded by appropriate heat treatment	Starch	Moisture Ash
	2.5.3 Pre-gelatinized partially hydrolyzed maize starch	Virtually pure maize starch, largely pre-gelatinized and partially hydrolyzed	Starch Reducing sugars, expressed as glucose	Moisture Ash
	2.5.4 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

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Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
	2.5.5 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
	2.5.6 Rice starch	Virtually pure rice starch	Starch	Moisture Ash
	2.5.7 Puffed rice starch	Virtually pure rice starch, greatly expanded by appropriate heat treatment	Starch	Moisture Ash
	2.5.8 Rice gluten	Dried by-product of the manufacture of rice starch consisting mainly of gluten	Protein	Moisture Fibre Ash Oil
	2.5.9 Sorghum gluten feed	Dried by-product of the manufacture of sorghum starch <i>Sorghum bicolor (L.) Moench</i> 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
	2.5.10 Wheat starch	Virtually pure wheat starch	Starch	Moisture Ash
	2.5.11 Puffed wheat starch	Virtually pure wheat starch greatly expanded by appropriate heat treatment	Starch	Moisture Ash

	2.5.12 Pre-gelatinized partially hydrolyzed wheat starch	Virtually pure wheat starch, largely pre-gelatinised and partially hydrolyzed	Starch Reducing sugars, expressed as glucose	Moisture Ash
	2.5.13 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
	2.5.14 Manioc starch	Virtually pure starch obtained from manioc roots <i>Manihot esculenta Crantz</i>	Starch	Moisture Ash
	2.5.15 Puffed manioc starch	Starch obtained from manioc roots, greatly expanded by appropriate heat treatment	Starch	Moisture Ash
	2.5.16 Potato starch	Virtually pure potato starch	Starch	Moisture Ash
	2.5.17 Pre-gelatinized potato starch	Virtually pure potato starch, greatly expanded by appropriate heat treatment	Starch	Moisture Ash
	2.5.18 Pre-gelatinized partially hydrolyzed potato starch	Virtually pure potato starch, greatly expanded and partially hydrolyzed	Starch Reducing sugars, expressed as glucose	Moisture Ash
	2.5.19 Potato protein	Dried by-product of starch manufacture composed mainly of protein substances obtained by the separation of starch	Protein	Moisture Ash Oil Fibre

SCHEDULE 2—continued

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Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
1	2	3	4	5
	2.5.20 Dried potato pulp	Dried by-product of the manufacture of potato starch	Starch	Moisture Ash Oil Fibre
	2.5.21 Dextrose (glucose)	Product of the saccharification of starch, consisting of purified, crystallized glucose (with or without water of crystallization)	Glucose	Moisture
	2.5.22 Dextrose molasses	By-product obtained during the crystallization of dextrose	Reducing sugars, expressed as glucose	Moisture Ash
2.6 Products and by-products of sugar manufacture	2.6.1 Sugar (sucrose)	Beet or cane sugar in solid form	Sucrose	Ash
...	2.6.2 Dried sugar beet slices	Product obtained by drying slices of washed sugar beet <i>Beta vulgaris L., spp. vulgaris var. altissima Doell</i>	Total sugar, expressed as sucrose	Moisture Ash
	2.6.3 Dried partially extracted sugar beet	Product obtained by drying washed sugar beet slices	Total sugar, expressed as sucrose	Moisture Ash

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	2.6.4 Dried plain sugar beet pulp	By-product of the manufacture of sugar, consisting of pulped and dried sugar beet slices		Fibre
	2.6.5 Sugar beet molasses	By-product consisting of the syrupy residue collected during the manufacture or refining of beet sugar	Total sugar, expressed as sucrose	
	2.6.6 Sugar cane molasses	By-product consisting of the syrupy residue collected during the manufacture or refining of sugar from sugar cane <i>Saccharum officinarum</i> L.	Total sugar, expressed as sucrose	
	Dried molassed sugar beet feed	By-product of the manufacture of sugar, consisting of extracted sugar beet slices and sugar beet molasses, which has been dried	Total sugar, expressed as sucrose Fibre	Protein Ash Moisture Oil
2.7 Products and by-products of malting, brewing, distilling and fruit processing; dried feed yeasts				
	2.7.1 Barley malt culms	By-product of malting consisting of dried rootlets and shoots of germinated barley	Protein	Moisture Ash Fibre
	2.7.2 Dried yeasts	Yeasts, whether or not mixed, belonging to the families <i>Saccharomycetaceae</i> , <i>Endomycetaceae</i> and <i>Cryptococcaceae</i> , 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

SCHEDULE 2—*continued*

<i>Group</i>	<i>Name of Material</i>	<i>Meaning</i>	<i>Compulsory declarations</i>	<i>Optional declarations</i>
1	2	3	4	5
	2.7.3 Dried brewers' grains	By-product of brewing obtained by drying residues of malted and unmalted cereals and other starchy matter	Protein	Moisture Fibre
	2.7.4 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
	2.7.5 Dehydrated citrus pulp	By-product obtained during the manufacture of citrus juice		Moisture Fibre
2.8 Artificially dried agricultural products	2.8.1 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

2.8.2 Lucerne meal	Product obtained by artificially drying and possibly pre-drying <i>Medicago sativa L.</i> and <i>Medicago varia Martyn</i> , 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
2.8.3 Clover meal	Product obtained by artificially drying and possibly pre-drying young clover <i>Trifolium spp.</i> , 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
2.8.4 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
2.8.5 Jerusalem artichoke chips or Jerusalem artichoke meal	Product obtained by crushing or grinding dried, cleaned tubers of Jerusalem artichokes <i>Helianthus tuberosus L.</i>	Inulin	Moisture Ash Fibre Oil Protein

SCHEDULE 2—continued

<i>Group</i>	<i>Name of Material</i>	<i>Meaning</i>	<i>Compulsory declarations</i>	<i>Optional declarations</i>
1	2	3	4	5
	2.8.6 Sweet potato chips or sweet potato meal	Product obtained by crushing or grinding dried, cleaned tubers of sweet potato <i>Ipomoea batatas (L.) Poir.</i>	Starch	Moisture Ash Fibre Oil Protein
	2.8.7 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
	2.8.8 Manioc meal type 55 or manioc flakes type 55 or manioc roots type 55	Unpeeled manioc roots, dried and, if necessary, washed, also products obtained by crushing and grinding	Starch	Moisture Ash Fibre Oil Protein
	2.8.9 Dried manioc pulp	Waste from the manufacture of manioc starch, which has been dried and ground	Starch	Moisture Ash Fibre Oil Protein

2.9 Other products of vegetable origin	2.9.1 Crushed locust beans	Product obtained by crushing the dried, stoned fruit of the carob tree <i>Ceratonia siliqua L.</i>		Total sugar, expressed as sucrose Moisture Ash
	2.9.2 Vegetable fat or vegetable oil	Product composed of fat or oil of vegetable origin		Moisture Acid index Matter insoluble in light petroleum
3 PRODUCTS OF ANIMAL ORIGIN 3.1 Milk products	3.1.1 "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
	3.1.2 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

SCHEDULE 2—continued

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<i>Group</i>	<i>Name of Material</i>	<i>Meaning</i>	<i>Compulsory declarations</i>	<i>Optional declarations</i>
1	2	3	4	5
	3.1.3 Powdered whey or whey crumbs	Products obtained by drying whey	Protein Lactose	Moisture Oil Chlorides, expressed as NaCl Ash Sodium
	3.1.4 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
	3.1.5 Powdered whey protein; powdered milk albumin	Product obtained by drying the protein compounds extracted from whey or milk by chemical or physical treatment	Protein	Moisture Ash Oil
3.2 Products processed from land animals	3.2.1 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

3.2.2 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 nitrogeneous bases
3.2.3 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	

SCHEDULE 2—*continued*

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<i>Group</i>	<i>Name of Material</i>	<i>Meaning</i>	<i>Compulsory declarations</i>	<i>Optional declarations</i>
1	2	3	4	5
	3.2.4 Meat meal (Products with a fat content of more than 11% should be described as “rich in fat”)	Product obtained by drying and grinding carcasses and parts of carcasses 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 Chlorides, expressed as NaCl Ash insoluble in HCl Methionine Lysine Volatile nitrogenous bases
	3.2.5 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%	

	3.2.6 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
	3.2.7 Hydrolyzed feather meal	Product obtained by hydrolyzing, drying and grinding poultry feathers	Protein	Moisture Ash insoluble in HCl
	3.2.8 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
3.3 Products derived from fish or other marine animals	3.3.1 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
	3.3.2 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

SCHEDULE 2—continued

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<i>Group</i>	<i>Name of Material</i>	<i>Meaning</i>	<i>Compulsory declarations</i>	<i>Optional declarations</i>
1	2	3	4	5
4 MINERAL SUBSTANCES	4.1 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	
	4.2 Calcium and magnesium carbonate	Natural mixture of calcium carbonate and magnesium carbonate	Calcium Magnesium	
	4.3 Calcareous marine algae (Maerl)	Product of natural origin obtained from calcareous algae, ground or granulated	Calcium Ash insoluble in HCl	
	4.4 Magnesium oxide	Technically pure magnesium oxide MgO	Magnesium	
	4.5 Kieserite	Natural magnesium sulphate MgSO ₄ H ₂ O	Magnesium	
	4.6 Calcium monohydrogen phosphate (dicalcium phosphate) (The manufacturing process may be indicated in the name)	Product consisting of technically pure calcium monohydrogen phosphate (dicalcium phosphate)	Phosphorus Chlorides, expressed as NaCl	Calcium

4.7 Defluorinated natural phosphate	Product obtained by grinding natural phosphates, purified and defluorinated to a greater or lesser degree	Phosphorus	Calcium
4.8 De-gelatinised bone meal	De-gelatinised, sterilised, ground bones from which the fat has been removed	Phosphorus	Moisture Calcium
4.9 Calcium bis-(dihydrogen phosphate) (monocalcium phosphate)	Product consisting of technically pure calcium bis-(dihydrogen phosphate) (monocalcium phosphate)	Phosphorus	Calcium
4.10 Ammonium dihydrogen phosphate (monoammonium phosphate)	Product consisting mainly of technically pure ammonium dihydrogen phosphate	Phosphorus Nitrogen	

LIMITS OF VARIATION

PART A—COMPOUND FEEDING STUFFS EXCEPT THOSE FOR PETS

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Ash	<p>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%</p> <p>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%</p>
Ash insoluble in hydrochloric acid	<p>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%</p>
Calcium	<p>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%</p> <p>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%</p>
Cystine	<p>In case of deficiency— 30% of the amount stated</p>
Fibre	<p>If present in excess— 1.8 for all declarations</p> <p>In case of deficiency— 45% of the amount stated</p>
Lysine	<p>In case of deficiency— 30% of the amount stated</p>

PART A—Continued

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Magnesium	<p>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%</p> <p>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%</p>
Methionine	<p>In case of deficiency— 30% of the amount stated</p>
Moisture	<p>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%</p>
Oil	<p>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%</p> <p>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%</p>
Phosphorus	<p>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%</p> <p>In case of deficiency— 1.2 for declarations of 16% or more 7.5% of the amount stated for declarations of 12%</p>

PART A—Continued

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Potassium	<p>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%</p> <p>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%</p> <p>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%</p>
Protein	<p>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%</p> <p>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%</p>
Protein equivalent of biuret, diureidoisobutane, urea or urea phosphate	<p>± 1.25 or $\pm 20\%$ of the amount stated, whichever is greater</p>
Sodium	<p>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%</p>

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Starch and total sugar plus starch	<p>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%</p> <p>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%</p> <p>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%</p>
Total sugar expressed as sucrose	<p>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%</p> <p>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%</p>
Threonine	<p>In case of deficiency— 30% of the amount stated</p>
Tryptophan	<p>In case of deficiency— 30% of the amount stated</p>

PART B — COMPOUND PET FOODS

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

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Ash insoluble in hydrochloric acid	If present in excess— 1.5 for all declarations
Calcium	If present in excess— 3.6 for declarations of 16% or more 22.5% of the amount stated for declarations of 12% or more but less than 16% 2.7 for declarations of 6% or more but less than 12% 45% of the amount stated for declarations of 1% or more but less than 6% 0.45 for declarations less than 1% In case of deficiency— 1.2 for declarations of 16% or more 7.5% of the amount stated for declarations of 12% or more but less than 16% 0.9 for declarations of 6% or more but less than 12% 15% of the amount stated for declarations of 1% or more but less than 6% 0.15 for declarations less than 1%
Cystine	In case of deficiency— 30% of the amount stated
Fibre	If present in excess— 1 for all declarations In case of deficiency— 3 for all declarations
Lysine	In case of deficiency— 30% of the amount stated
Magnesium	If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15% 2.25 for declarations of 5% or more but less than 7.5% 45% of the amount stated for declarations of 0.7% or more but less than 5% 0.3 for declarations less than 0.7% In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than 5% 0.1 for declarations less than 0.7%

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Methionine	In case of deficiency— 30% of the amount stated
Moisture	If present in excess— 3 for declarations of 40% or more 7.5% of the amount stated for declarations of 20% or more but less than 40% 1.5 for declarations less than 20%
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%
Potassium	If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15% 2.25 for declarations of 5% or more but less than 7.5% 45% of the amount stated for declarations of 0.7% or more but less than 5% 0.3 for declarations less than 0.7%. In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than 5% 0.1 for declarations less than 0.7%

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Protein	If present in excess— 6.4 for declarations of 20% or more 32% of the amount stated for declarations of 12.5% or more but less than 20% 4 for declarations less than 12.5% In case of deficiency— 3.2 for declarations of 20% or more 16% of the amount stated for declarations of 12.5% or more but less than 20% 2 for declarations less than 12.5%
Sodium	If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15% 2.25 for declarations of 5% or more but less than 7.5% 45% of the amount stated for declarations of 0.7% or more but less than 5% 0.3 for declarations less than 0.7% In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than 5% 0.1 for declarations less than 0.7%
Starch and total sugar plus starch	If present in excess— 5 for declarations of 25% or more 20% of the amount stated for declarations of 10% or more but less than 25% 2 for declarations less than 10% In case of deficiency— 2.5 for declarations of 25% or more 10% of the amount stated for declarations of 10% or more but less than 25% 1 for declarations less than 10%
Total sugar 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%

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Threonine	1 for declarations less than 10% In case of deficiency— 30% of the amount stated
Tryptophan	In case of deficiency— 30% of the amount stated

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

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
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 to 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%
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%

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

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Protein	more but less than 15% 0.2 for declarations less than 2% In case of deficiency— 2 for declarations of 20% or more 10% of the amount stated for declarations of 10% or more but less than 20% 1 for declarations less than 10%
Protein equivalent of uric acid	If present in excess— 1.25, or 25% of the amount stated, whichever is the greatest
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%
Xanthophyll	In case of deficiency— 30% of the amount stated

PART D—VITAMINS AND TRACE ELEMENTS

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
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

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Iodine	±50% of the amount stated
Iron	±30% of the amount stated for declarations of 250 mg/kg or more ±50% of the amount stated for declarations less than 250 mg/kg
Manganese	±50% of the amount stated
Molybdenum	±50% of the amount stated
Selenium	±50% of the amount stated
Vitamins D ₂ and D ₃	±30% of the amount stated for declarations above 4000 IU/kg ±50% of the amount stated for declarations up to and including 4000 IU/kg
Vitamins other than D ₂ and D ₃	In case of deficiency— 30% of the amount stated
Zinc	±50% of the amount stated

PART E—ENERGY VALUE OF COMPOUND FEEDING STUFFS

<i>Feeding Stuff</i>	<i>Limits of variation</i>
Compound feeding stuffs for poultry	±0.7 MJ/kg (absolute value)
Compound feeding stuffs for ruminants	±7.5% of the amount stated
Compound feeding stuffs for pigs	±7.5% of the amount stated

PERMITTED ADDITIVES AND PROVISIONS RELATING TO THEIR USE

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

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

3. No material shall contain—

(a) any colourant other than one named or described in column 2 of Part II, or

(b) any colourant named or described in column 2 of Part II unless—

(i) the material is intended for an animal listed opposite the colourant in question in column 4 of that Part;

(ii) taking into account any such colourant as is naturally present, the maximum content (if any) specified in relation thereto in column 5 of that Part is not exceeded; and

(iii) the material complies with the conditions (if any) specified in relation thereto in column 6 of that Part.

4.—(1) No material shall contain any added emulsifier, stabiliser, thickener or gelling agent other than one named or described in Part III, or any emulsifier or stabiliser named or described in Chapter A of Part III unless the material is to be used in accordance with the specification, if any, laid down in respect of it in that Chapter.

(2) No material shall contain any substance named or described in column 2 of Chapter B of Part III unless—

(a) that material is intended for animals listed opposite the substance in question in column 3 of that Chapter, and

(b) taking account of any such substance which is naturally present, the maximum content (if any) specified in relation thereto in column 4 of that Chapter is not exceeded.

5. No material shall contain any added binder, anti-caking agent or coagulant other than one named or described in Part IV, or any substance named or described in Chapter B of that Part unless—

(a) taking account of any such substance which is naturally present, the maximum content (if any) specified in relation thereto in column 4 of that Chapter is not exceeded, and

(b) the material is to be used in accordance with the conditions (if any) laid down in respect of it in column 5 of that Chapter.

6. 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 column 3 of Chapter A of Part V may contain added vitamin D₂ or D₃ (but not both) in proportions which, taking account of any such vitamin which is naturally present, do not exceed the maximum content specified in column 4 of the said Chapter in relation to the kinds of animal specified in column 3 thereof, and provided that the conditions (if any) specified in column 5 of that Part are complied with;

- (ii) any material for any animal of a kind specified in column 3 of Chapter B of Part V may contain any vitamin, (other than vitamins A, D₂ or D₃) or any 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 column 4 in relation to the kinds of animal specified in column 3 thereof.

7. No material shall contain any added trace element other than one from a source specified in columns 3 and 4 of Part VI, and no material shall contain any trace element from a source so specified in proportions which—

- (a) taking account of any such trace element which is naturally present exceed, in respect of animals (if any) listed opposite the trace element in question in column 5, the maximum content specified in relation thereto in column 6 of that Part; or
- (b) does not comply with the conditions (if any) specified in respect of that source in column 7 of that Part:

8. No material shall contain—

- (a) any added aromatic or appetising substance other than one named or described in column 2 of Part VII;
- (b) any added aromatic or appetising substance named or described in the said column 2 which, taking account of any such substance which is naturally present, exceeds the maximum content (if any) specified in relation thereto in column 6 of Part VII; or
- (c) any added aromatic or appetising substance named or described in the said column 2, unless the material is for a species or category of animal listed opposite the substance in question in column 4 of Part VII.

9.—(1) No material shall contain any added preservative other than one named or described in Part VIII.

(2) No material shall contain any added preservative specified in column 2 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 column 4, the maximum content specified in relation thereto in column 5; and no material shall contain any added preservative specified in column 2 of that Chapter unless the material is for animals listed opposite the preservative in question in column 4 of that Chapter, and is used in accordance with the specifications, if any, laid down in respect of it therein.

10. Material intended for use as a pet food for dogs and cats may contain any of the acidity regulators named in Part IX.

11. Unless otherwise stated, any maximum or minimum specified in the Table for the content of any additive in any feeding stuff is so specified by reference to a complete feeding stuff with a moisture content of 12%.

PERMITTED ANTIOXIDANTS

1	2	3	4
EEC No.	Name or description	Chemical formula	Maximum content (mg/kg in complete feeding stuff)
E300	L-Ascorbic acid	$C_6H_8O_6$	} 100: alone or together
E301	Sodium L-ascorbate	$C_6H_7O_6Na$	
E302	Calcium Di(L-ascorbate)	$C_{12}H_{14}O_{12}Ca \cdot 2H_2O$	
E303	5,6-Diacetyl-L-ascorbic acid	$C_{10}H_{12}O_8$	
E304	6-Palmitoyl-L-ascorbic acid	$C_{22}H_{38}O_7$	
E306	Tocopherol-rich extracts of natural origin	—	
E307	Synthetic <i>alpha</i> -tocopherol	$C_{29}H_{50}O_2$	
E308	Synthetic <i>gamma</i> -tocopherol	$C_{28}H_{48}O_2$	
E309	Synthetic <i>delta</i> -tocopherol	$C_{27}H_{46}O_2$	
E310	Propyl gallate	$C_{10}H_{12}O_5$	
E311	Octyl gallate	$C_{15}H_{22}O_5$	
E312	Dodecyl gallate	$C_{19}H_{30}O_5$	
E320	Butylated hydroxyanisole (BHA)	$C_{11}H_{16}O_2$		} 150: alone or together
E321	Butylated hydroxytoluene (BHT)	$C_{15}H_{24}O$	
E324	Ethoxyquin	$C_{14}H_{19}ON$	

PART II
PERMITTED COLOURANTS

1802

1	2	3	4	5	6
<i>EEC No.</i>	<i>Name or description</i>	<i>Chemical formula</i>	<i>Kind of animal</i>	<i>Maximum content (mg/kg in complete feeding stuffs)</i>	<i>Conditions</i>
E160c E160e	Capsanthin Beta-apo-8'-carotenal	$C_{40}H_{56}O_3$ $C_{30}H_{40}O$	} Poultry } Laying Hens Dogs and Cats Trout and Salmon	} 80: alone or together } No limit 80	None Use permitted from the age of 6 months onwards
E160f	Ethyl ester of beta-apo-8'- carotenoic acid	$C_{32}H_{44}O_2$			
E161b	Lutein	$C_{40}H_{56}O_2$			
E161c	Cryptoxanthin	$C_{40}H_{56}O$			
E161g	Canthaxanthin	$C_{40}H_{52}O_2$			
E161h E161i E161j	Zeaxanthin Citranaxanthin Canthaxanthin	$C_{40}H_{56}O_2$ $C_{33}H_{44}O$ $C_{40}H_{52}O_2$			
E161j	Astaxanthin	$C_{40}H_{52}O_4$	Trout and Salmon	100: alone or together with canthaxanthin	Use permitted from the age of 6 months onwards
E131	Patent Blue V. (Calcium salt of the disulphonic acid of m-hydroxy-tetra- ethyl-diamino triphenyl- carbinol anhydride)		Dogs and Cats All other species of animals	No limit No limit	None } Permitted only in products processed from waste prod- ucts of foodstuffs, denatured

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					cereals or manioc flour, or other base substances denatured by means of these agents or coloured during preparation to ensure identification during manufacture
E142	Acid Brilliant Green BS (Sodium salt of 4,4'-bis(dimethylamino) diphenylmethylene-2.naphthol-3,6-disulphonic acid)		All species of animals except dogs and cats	No limit	Permitted only in products processed from waste products of foodstuffs, denatured cereals or manioc flour, or other base substances denatured by means of these agents or coloured during preparation to ensure identification during manufacture
			Dogs and Cats	No limit	None
	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 Safety (Northern Ireland) Order 1991 (a)		Dogs and Cats All other species of animals	} No limit	None Permitted only in products processed from waste products of food stuffs, or other base substances, with the exception of cereals and manioc flour, denatured by means of those agents or coloured during technical preparation to ensure the necessary identification during manufacture

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PART III

PERMITTED EMULSIFIERS, STABILISERS, THICKENERS AND GELLING AGENTS

CHAPTER A

EEC No.	Name or description
E322	Lecithins
E400	Alginic acid
E401	Sodium alginate
E402	Potassium alginate
E403	Ammonium alginate—Not permitted in aquarium fish feed
E404	Calcium alginate
E405	Propylene glycol alginate (propane-1,2-diol alginate)
E406	Agar
E407	Carrageenan
E408	Furcellaran
E410	Locust bean gum (carob gum)
E411	Tamarind seed flour
E412	Guar gum (guar flour)
E413	Tragacanth
E414	Acacia (gum arabic)
E415	Xanthan gum
E420	D-Glucitol (sorbitol)
E421	Mannitol
E422	Glycerol
E440	Pectins
E460	Microcrystalline cellulose
E461	Methylcellulose
E462	Ethylcellulose
E463	Hydroxypropylcellulose
E464	Hydroxypropylmethylcellulose
E465	Ethylmethylcellulose
E466	Carboxymethylcellulose (sodium salt of carboxymethyl ether of cellulose)
E470	Sodium, potassium and calcium salts of edible fatty acids, alone or in mixtures, derived either from edible fats or distilled edible fatty acids
E471	Monoacyl and diacylglycerols (mono- and di-glycerides of fatty acids)
E472	Monoacyl and diacylglycerols esterified with the following acids: <ul style="list-style-type: none"> (a) acetic (b) lactic (c) citric (d) tartaric (e) monoacetyltartaric and diacetyltartaric
E473	Sucrose esters of fatty acids (esters of saccharose and edible fatty acids)
E474	Mixture of sucrose esters of monoacyl and diacylglycerols (Sucroglycerides)
E475	Polyglycerol esters of non-polymerised edible fatty acids
E477	Propylene glycol esters of fatty acids (propane-1,2-diol esters of fatty acids)
E480	Stearoyl-2-lactylic acid
E481	Sodium stearoyl-2-lactylate
E482	Calcium stearoyl-2-lactylate
E483	Stearyl tartrate
E484	Glycerol poly(ethylene glycol)ricinoleate
E486	Dextrans
E491	Sorbitan monostearate

<i>EEC No.</i>	<i>Name or description</i>
E492	Sorbitan tristearate
E493	Sorbitan monolaurate
E494	Sorbitan mono-oleate
E495	Sorbitan monopalmitate

CHAPTER B

1 <i>EEC No.</i>	2 <i>Name or description</i>	3 <i>Kind of animal</i>	4 <i>Maximum content (mg/kg in complete feeding stuff)</i>	5 <i>Conditions</i>
E432.	Polyoxyethylene (20) sorbitan monolaurate	All species of animals	5000 (alone or with other Polysorbates)	Milk replacer feeds only
E433	Polyoxyethylene (20) sorbitan mono-oleate			
E434	Polyoxyethylene (20) sorbitan monopalmitate			
E435	Polyoxyethylene (20) sorbitan monostearate			
E436	Polyoxyethylene (20) sorbitan tristearate			
E450b(i)	<i>penta</i> Sodium triphosphate	Dogs, Cats	5000	All feeding stuffs
E487	Polyethyleneglycol esters of fatty acids from soya oil	Calves	6000	Milk replacer feeds only
E488	Polyoxyethylated glycerides of tallow fatty acids	Calves	5000	Milk replacer feeds only
E489	Ethers of polyglycerol and of alcohols obtained by the reduction of oleic and palmitic acids	Calves	5000	Milk replacer feeds only

E490	Propane-1,2-diol	Dairy cows	12000	
		Calves Cattle for fattening Lambs Kids Swine Poultry	36000	All feeding stuffs
E496	Poly(ethylene glycol) 6000		300	
E497	Polyoxypropylene-polyoxyethylene polymers (M.W. 6800-9000)	All species of animals	50	
E498	Partial polyglycerol esters of polycondensed fatty acids of castor oil (polyglycerol polyricinoleate)	Dogs	No limit	All feeding stuffs

PART IV

PERMITTED BINDERS, ANTI-CAKING AGENTS AND COAGULANTS

CHAPTER A

<i>EEC No.</i>	<i>Name or Description</i>	<i>Chemical formula</i>
E330	Citric acid	$C_6H_8O_7$
E470	Sodium, potassium and calcium stearates	$C_{18}H_{35}O_2Na$ $C_{18}H_{35}O_2K$ and $C_{36}H_{70}O_4Ca$
E551a	Silicic acid (precipitated and dried)	—
E551b	Colloidal silica	—
E551c	Kieselguhr (diatomaceous earth, purified)	—
E552	Calcium silicate (synthetic)	—
E554	Sodium aluminosilicate (synthetic)	—
E559	Kaolin and kaolinitic clays free of asbestos (naturally occurring mixtures of minerals containing at least 65% complex hydrated aluminium silicates whose main constituent is kaolinite)	—
E560	Natural mixtures of steatite and chlorite free of asbestos (min. purity of the mixture: 85%)	—
E561	Vermiculite (hydrated silicate of magnesium, aluminium and iron, expanded by heating, free of asbestos:— max. fluorine content — 0.3%)	—
E565	Lignosulphonates	—

1 EEC No.	2 Name or description	3 Kind of animal	4 Maximum content (mg/kg in complete feeding stuffs)	5 Conditions
E558	Bentonite and montmorillonite	All species of animals	20000	All feeding stuffs (Mixing of antibiotic growth promoters and coccidiostats with feeding stuffs and ingredients in the presence of these additives is prohibited except for tylosin, monensin sodium, narasin, ipronidazole, lasalocid sodium, avoparcin, flavophospholipol, salinomycin sodium, ronidazole and virginiamycin, nicarbazine and robenidine)
E516	Calcium sulphate dihydrate	All species of animals	30000	All feeding stuffs
E599	Perlite	All species of animals	No limit	All feeding stuffs
E553	Sepiolite Hydrated magnesium silicate of sedimentary origin, containing at least 60% sepiolite and maximum 30% montmorillonite. Asbestos free.	All species of animals	20000	All feeding stuffs
	Synthetic Calcium aluminates. Mixture of calcium aluminates containing between 35 and 51% of A1203 maximum molybdenum content of 20 mg/kg	Poultry, rabbits and pigs	20000	All feeding stuffs

PART V
VITAMINS, PRO-VITAMINS AND SUBSTANCES HAVING A SIMILAR EFFECT

CHAPTER A

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

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E671	D ₃	Lambs	10000 in milk replacer feeds only	Simultaneous use of Vitamin D ₂ and D ₃ prohibited
		Horses	4000	
		Other species of animals except poultry and fish	2000	
		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	
Chickens for fattening	5000			
Turkeys	5000			
Other poultry	3000			
Fish	3000			
Other species of animals	2000			

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CHAPTER B

Other vitamins, pro- vitamins and chemically well defined sub- stances having a similar effect		All animals	No limit
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PART VI
TRACE ELEMENTS

1812

1 EEC No.	2 Element	3 Name of additive	4 Chemical formula	5 Kind of animal	6 Maximum content of the element mg/kg in complete feeding stuffs	7 Other provisions
E1	Iron—Fe	Ferrous carbonate Ferrous chloride, tetrahydrate Ferric chloride, hexahydrate Ferrous citrate, hexahydrate Ferrous fumarate Ferrous lactate, trihydrate Ferric oxide Ferrous sulphate, monohydrate	FeCO_3 $\text{FeCl}_2 \cdot 4\text{H}_2\text{O}$ $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$ $\text{Fe}_3(\text{C}_6\text{H}_5\text{O}_7)_2 \cdot 6\text{H}_2\text{O}$ $\text{FeC}_4\text{H}_2\text{O}_4$ $\text{Fe}(\text{C}_3\text{H}_5\text{O}_3)_2 \cdot 3\text{H}_2\text{O}$ Fe_2O_3 $\text{FeSO}_4 \cdot \text{H}_2\text{O}$	} All animals	1250 (total)	— — — — — — Permitted: (i) in denatured skimmed-milk powder and in compound feeding stuffs manufactured from denatured skimmed-milk powder: —subject to the mandatory provisions of Commission

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Ferrous sulphate, heptahydrate

$\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$

All
animals

1250 (total)

Regulations (EEC) No.
368/77 and (EEC) No.
443/77

–declaration of the
amount of iron added,
expressed as the
element, on the label or
package or container of
denatured skimmed-
milk powder.

(ii) in compound
feeding stuffs other than
those listed under (i).

Permitted:

(i) in denatured
skimmed milk and in
compound feeding stuffs
manufactured from
denatured skimmed
milk powder:

–subject to the
mandatory provisions of
Commission

Regulations (EEC) No.
368/77 and (EEC) No.
443/77.

–declaration of the
amount of iron added,
expressed as the
element, on the label or
package or container of
denatured skimmed
milk powder.

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1813

PART VI—Continued

1814

1 EEC No.	2 Element	3 Name of additive	4 Chemical formula	5 Kind of animal	6 Maximum content of the element mg/kg in complete feeding stuffs	7 Other provisions
		Ferrous Chelate of Amino Acids hydrate	Fe(x) 1-3.nH ₂ O (where x equals an anion of any amino acid derived from hydrolysed Soya Protein) Molecular weight not exceeding 1500	All animals	—	(ii) in compound feeding stuffs other than those listed under (i) above
E2	Iodine—I	Calcium iodate, hexahydrate Calcium iodate, anhydrous Sodium iodide Potassium iodide	Ca(IO ₃) ₂ .6H ₂ O Ca(IO ₃) ₂ NaI KI		40 (total)	— — — —
E3	Cobalt—Co	Cobaltous acetate, tetrahydrate Basic cobaltous carbonate, monohydrate Cobaltous chloride, hexahydrate Cobaltous sulphate, heptahydrate	Co(CH ₃ COO) ₂ .4H ₂ O 2CoCO ₃ .3Co(OH) ₂ .H ₂ O CoCl ₂ .6H ₂ O CoSO ₄ .7H ₂ O		10 (total)	— — — —

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E4

Copper — Cu

Cobaltous sulphate, monohydrate	$\text{CoSO}_4 \cdot \text{H}_2\text{O}$	} Pigs for fattening: -over six months 35 (total) Breeding pigs: 35 (total) Calves: -milk replacers: 30 (total) -other complete feeding stuffs 50 (total) Ovines: 15 (total) Other species or categories of animals 35 (total)	}	—	
Cobaltous nitrate, hexahydrate	$\text{Co}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$			—	
Cupric acetate, monohydrate	$\text{Cu}(\text{CH}_3\text{COO})_2 \cdot \text{H}_2\text{O}$			—	
Basic cupric carbonate, monohydrate	$\text{CuCO}_3 \cdot \text{Cu}(\text{OH})_2 \cdot \text{H}_2\text{O}$			—	
Cupric chloride, dihydrate	$\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$			—	
Cupric methionate	$\text{Cu}(\text{C}_3\text{H}_7\text{NO}_2\text{S})_2$			—	
Cupric oxide	CuO			—	
Cupric sulphate, pentahydrate	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$			—	
				—	
				—	
Cupric sulphate, monohydrate	$\text{CuSO}_4 \cdot \text{H}_2\text{O}$	} Pigs for fattening: 35 (total) -over six months Breeding pigs: 35 (total) Ovines: 15 (total)	} Denatured skimmed milk powder and compound feeding stuffs manufactured from denatured skimmed milk powder: -Subject to the relevant provisions of Commission Regulations (EEC) No. 368/77 and (EEC) No. 443/77		
Cupric sulphate, pentahydrate	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$			Other 35 (total)	-Declaration of the

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1815

PART VI—Continued

1816

1 EEC No.	2 Element	3 Name of additive	4 Chemical formula	5 Kind of animal	6 Maximum content of the element mg/kg in complete feeding stuffs	7 Other provisions
E5	Manganese — Mn	Manganous carbonate Manganous chloride, tetrahydrate Manganous hydrogen phosphate, trihydrate Manganous oxide Manganic oxide Manganous sulphate, tetrahydrate Manganous sulphate, monohydrate	$MnCO_3$ $MnCl_2 \cdot 4H_2O$ $MnHPO_4 \cdot 3H_2O$ MnO Mn_2O_3 $MnSO_4 \cdot 4H_2O$ $MnSO_4 \cdot H_2O$	species or categories of animals with the exception of calves: All animals	250 (total)	amount of copper added, expressed as the element on the label or package or the container of denatured skimmed milk powder — — — — — — —
E6	Zinc — Zn	Zinc lactate, trihydrate Zinc acetate, dihydrate Zinc carbonate	$Zn(C_3H_5O_3)_2 \cdot 3H_2O$ $Zn(CH_3COO)_2 \cdot 2H_2O$ $ZnCO_3$			— — —

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E7	Molybdenum — Mo	Zinc chloride, monohydrate	$ZnCl_2 \cdot H_2O$	} All animals	250 (total)	—
		Zinc oxide	ZnO			—
		Zinc sulphate, heptahydrate	$ZnSO_4 \cdot 7H_2O$			—
		Zinc sulphate, monohydrate	$ZnSO_4 \cdot H_2O$			—
E8	Selenium — Se	Ammonium molybdate	$(NH_4)_6Mo_7O_{24} \cdot 4H_2O$	} All animals	2.5 (total)	—
		Sodium molybdate	$Na_2MoO_4 \cdot 2H_2O$			—
E8	Selenium — Se	Sodium selenite	Na_2SeO_3	All animals	0.5 (total)	—
		Sodium selenate	Na_2SeO_4			—

PART VII
AROMATIC AND APPETISING SUBSTANCES

1 <i>EEC No.</i>	2 <i>Additives</i>	3 <i>Chemical formula</i>	4 <i>Species or category of animal</i>	5 <i>Maximum age</i>	6 <i>Maximum content mg/kg of complete feedingstuff</i>
	1. All natural products and corresponding synthetic products 2. Artificial substances:	—	All animals	—	—
E954(i)	Saccharin	$C_7H_3NO_3S$	Piglets	Four months	150
E954(ii)	Calcium saccharin	$C_7H_3NCaO_3S$	Piglets	Four months	150
E954(iii)	Sodium saccharin	$C_7H_4NNaO_3S$	Piglets	Four months	150
E959	Neohesperidine dihydrochalcone	$C_{28}H_{36}O_{15}$	Piglets Dogs	Four months —	35 35

Agriculture

PERMITTED PRESERVATIVES

CHAPTER A

1 <i>EEC No.</i>	2 <i>Name or description</i>	3 <i>Chemical formula</i>
E200	Sorbic acid	$C_6H_8O_2$
E201	Sodium sorbate	$C_6H_7O_2Na$
E202	Potassium sorbate	$C_6H_7O_2K$
E203	Calcium sorbate	$C_{12}H_{14}O_4Ca$
E236	Formic acid	CH_2O_2
E237	Sodium formate	CHO_2Na
E238	Calcium formate	$C_2H_2O_4Ca$
E260	Acetic acid	$C_2H_4O_2$
E261	Potassium acetate	$C_2H_3O_2K$
E262	Sodium diacetate	$C_4H_7O_4Na$
E263	Calcium acetate	$C_4H_6O_4Ca$
E270	Lactic acid	$C_3H_6O_3$
E280	Propionic acid	$C_3H_6O_2$
E281	Sodium propionate	$C_3H_5O_2Na$
E282	Calcium propionate	$C_6H_{10}O_4Ca$
E283	Potassium propionate	$C_3H_5O_2K$
E284	Ammonium propionate	$C_3H_9O_2N$
E295	Ammonium formate	CH_5O_2N
E296	DL-Malic acid	$C_4H_6O_5$
E297	Fumaric acid	$C_4H_4O_4$
E325	Sodium lactate	$C_3H_5O_3Na$
E326	Potassium lactate	$C_3H_5O_3K$
E327	Calcium lactate	$C_6H_{10}O_6Ca$
E330	Citric acid	$C_6H_8O_7$
E331	Sodium citrates	—
E332	Potassium citrates	—
E333	Calcium citrates	—
E334	L-Tartaric acid	$C_4H_6O_6$
E335	Sodium L-tartrates	—
E336	Potassium L-tartrates	—
E337	Potassium sodium L-tartrate	$C_4H_4O_6KNa.4H_2O$
E338	Orthophosphoric acid	H_3PO_4
E507	Hydrochloric acid	HCl
E513	Sulphuric acid	H_2SO_4

} for use in
silage only

CHAPTER B

1 <i>EEC No.</i>	2 <i>Name or description</i>	3 <i>Chemical formula</i>	4 <i>Kind of animal</i>	5 <i>Maximum content (mg/kg in complete feeding stuff)</i>
E222	Sodium hydrogensulphite (sodium bisulphite)	NaHSO ₃	Dogs and Cats	500 alone or together expressed as SO ₂
E223	<i>di</i> Sodium disulphite (sodium metabisulphite)	Na ₂ S ₂ O ₅		
E250	Sodium nitrite	NaNO ₂	Dogs and Cats	100 (canned feeding stuffs only)
E214	Ethyl 4-hydroxybenzoate	C ₉ H ₁₀ O ₃	Pet Animals	No limit
E215	Sodium ethyl 4-hydroxybenzoate	C ₉ H ₉ O ₃ Na		
E216	Propyl 4-hydroxybenzoate	C ₁₀ H ₁₂ O ₃		
E217	Sodium propyl 4-hydroxybenzoate	C ₁₀ H ₁₁ O ₃ Na		
E218	Methyl 4-hydroxybenzoate	C ₈ H ₈ O ₃		
E219	Sodium methyl 4-hydroxybenzoate	C ₈ H ₇ O ₃ Na		
E490	Propane-1,2-diol	C ₃ H ₈ O ₂	Dogs	53000
E240	Formaldehyde	CH ₂ O	All species of animals Pigs up to the age of six months	No limit (for silage only) 600 (in skimmed milk only)

PERMITTED ACIDITY REGULATORS FOR PET FOODS FOR DOGS AND CATS

1 <i>EEC No.</i>	2 <i>Additive</i>
E170	Calcium carbonate
E296	DL-and L-Malic acid
—	Ammonium dihydrogen orthophosphate
—	<i>di</i> Ammonium hydrogen orthophosphate
E339(i)	Sodium dihydrogen orthophosphate
E339(ii)	<i>di</i> Sodium hydrogen orthophosphate
E339(iii)	<i>tri</i> Sodium orthophosphate
E340(i)	Potassium dihydrogen orthophosphate
E340(ii)	<i>di</i> Potassium hydrogen orthophosphate
E340(iii)	<i>tri</i> Potassium orthophosphate
E341(i)	Calcium tetrahydrogen diorthophosphate
E341(ii)	Calcium hydrogen orthophosphate
E350(i)	Sodium malate (Salt of DL- or L-Malic Acid)
E450(a)(i)	<i>di</i> Sodium dihydrogen diphosphate
E450(a)(iii)	<i>tetra</i> Sodium diphosphate
E450(a)(iv)	<i>tetra</i> Potassium diphosphate
E450(b)(i)	<i>penta</i> Sodium triphosphate
E450(b)(ii)	<i>penta</i> Potassium triphosphate
E500(i)	Sodium carbonate
E500(ii)	Sodium hydrogen carbonate
E500(iii)	Sodium sesquicarbonate
E501(ii)	Potassium hydrogen carbonate
E503(i)	Ammonium carbonate
E503(ii)	Ammonium hydrogen carbonate
E507	Hydrochloric acid
E510	Ammonium chloride
E513	Sulphuric acid
E524	Sodium hydroxide
E529	Calcium oxide
E540	<i>di</i> Calcium diphosphate

PRESCRIBED LIMITS FOR UNDESIRABLE SUBSTANCES

PART I

FEEDING STUFFS

1 <i>Substances</i>	2 <i>Feeding stuffs</i>	3 <i>Maximum content in mg/kg of feeding stuffs, referred to a moisture content of 12%</i>
CHAPTER A		
Arsenic	Straight feeding stuffs except: -meal made from grass from dried lucerne, or from dried clover -dried sugar beet pulp or dried molassed sugar beet pulp -phosphates and feeding stuffs obtained from the processing of fish or other marine animals Complete feeding stuffs Complementary feeding stuffs except: -mineral feeding stuffs	2 4 4 10 2 4 12
Cadmium	Straight feeding stuffs of vegetable origin Straight feeding stuffs of animal origin (with the exception of feeding stuffs for pets) Phosphates Complete feeding stuffs for cattle, sheep and goats (with the exception of complete feeding stuffs for calves, lambs and kids) Other complete feeding stuffs (with the exception of feeding stuffs for pets) Mineral feeding stuffs Other complementary feeding stuffs for cattle, sheep and goats	1 2 10 1 0.5 5 0.5
Fluorine	Straight feeding stuffs except: -feeding stuffs of animal origin -phosphates Complete feeding stuffs except: -complete feeding stuffs for cattle, sheep and goats -in milk -other -complete feeding stuffs for pigs -complete feeding stuffs for poultry	150 500 2000 150 30 50 100 350

1 Substances	2 Feeding stuffs	3 Maximum content in mg/kg of feeding stuffs, referred to a moisture content of 12%
	<ul style="list-style-type: none"> -complete feeding stuffs for chicks Mineral mixtures for cattle, sheep and goats Other complementary feeding stuffs 	<p style="text-align: center;">250 2000 125</p> <p>(fluorine content per percentage point phosphorus in the feeding stuff)</p>
Lead	<ul style="list-style-type: none"> Straight feeding stuffs except: <ul style="list-style-type: none"> -grass meal, lucerne meal or clover meal -phosphates -yeast Complete feeding stuffs Complementary feeding stuffs except: <ul style="list-style-type: none"> -mineral feeding stuffs 	<p style="text-align: center;">10 40 30 5 5 10 30</p>
Mercury	<ul style="list-style-type: none"> Straight feeding stuffs except: <ul style="list-style-type: none"> -feeding stuffs produced by the processing of fish or other marine animals Complete feeding stuffs except: <ul style="list-style-type: none"> -complete feeding stuffs for dogs or cats Complementary feeding stuffs (with the excep- tion of complementary feeding stuffs for dogs and cats) 	<p style="text-align: center;">0.1 0.5 0.1 0.4 0.2</p>
Nitrites	<ul style="list-style-type: none"> Fish meal Complete feeding stuffs except feeding stuffs intended for pets other than birds and aquarium fish 	<p style="text-align: center;">60 (expressed as sodium nitrite) 15 (expressed as sodium nitrite)</p>

1 Substances	2 Feeding stuffs	3 Maximum content in mg/kg of feeding stuffs, referred to a moisture content of 12%
CHAPTER B		
Aflatoxin B ₁	Straight feeding stuffs	0.05
	except: –groundnut, copra, palm-kernel, cotton seed, babassu, maize and products derived from the processing thereof..	0.02
	Complete feeding stuffs for cattle, sheep and goats (except dairy animals, 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 cattle, sheep and goats (except complementary feeding stuffs for dairy animals, calves and lambs)	0.05
	Complementary feeding stuffs for pigs and poultry (except young animals)	0.03
	Other complementary feeding stuffs	0.005
Castor oil plant <i>Ricinus communis</i> L.	All feeding stuffs	10 (expressed in terms of castor oil plant husks)
<i>Crotalaria</i> L. spp	All unmilled materials	100
Free Gossypol	Straight feeding stuffs	20
	except:	
	–cotton cake or meal	1200
	Complete feeding stuffs	20
	except:	
	–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	50
	except:	
	–linseed	250
	–linseed cake or meal	350
	–manioc products and almond cakes	100
	Complete feeding stuffs	50
	except:	

1 Substances	2 Feeding stuffs	3 Maximum content in mg/kg of feeding stuffs, referred to a moisture content of 12%
Rye Ergot <i>Claviceps purpurea</i> (Fr.) Tul	-complete feeding stuffs for chicks All feeding stuffs containing unground cereals	10 1000

1 Substances	2 Feeding stuffs	3 Maximum content in mg/kg of feeding stuffs, referred to a moisture content of 12%
CHAPTER C.		
<p>Apricot — <i>Prunus armeniaca</i> L. Bitter almond — <i>Prunus dulcis</i> (Mill.) D. A. Webb var. <i>amara</i> (DC.) Focke (= <i>Prunus amygdalus</i> Batsch var. <i>amara</i> (DC.) Focke) Unhusked beech mast — <i>Fagus sylvatica</i> L. Camelina — <i>Camelina sativa</i> (L) Crantz Mowrah, bassia, madhuca— <i>Madhuca longifolia</i> (L) Macbr. (= <i>Bassia longifolia</i> L. = <i>Illipe</i> <i>Madhuca longifolia</i> L. = <i>Illipe malabrorum</i> Engl.) <i>Madhuca indica</i> Gmelin. (= <i>Bassia latifolia</i> (Roxb.) F. Mueller) Purghera — <i>Jatropha curcas</i> L. Croton — <i>Croton tiglium</i> L. Indian mustard — <i>Brassica juncea</i> (L.) Czern. and Coss. ssp. <i>integrifolia</i> (West.) Thell Sareptian mustard — <i>Brassica juncea</i> (L.) Czern. and Coss. ssp. <i>juncea</i> Chinese mustard — <i>Brassica juncea</i> (L.) Czern. and Coss. ssp. <i>Juncea</i> var. <i>lutea</i> Batalin Black mustard — <i>Brassica nigra</i> (L.) Koch Ethiopian mustard — <i>Brassica carinata</i> A Braun.</p>	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

1 Substances	2 Feeding stuffs	3 Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%
Theobromine	Complete feeding stuffs except: -complete feeding stuffs for adult cattle	300 700
Vinylthiooxazolidone	Complete feeding stuffs for poultry except: -complete feeding stuffs for laying hens	1000 500
Volatile mustard oil	Straight feeding stuffs except: -rape cake or meal Complete feeding stuffs except: -complete feeding stuffs for cattle, sheep and goats (except calves, lambs and kids) -complete feeding stuffs for pigs (except piglets) and poultry	100 (expressed as allyl isothiocyanate) 4000 (expressed as allyl isothiocyanate) 150 (expressed as allyl isothiocyanate) 1000 (expressed as allyl isothiocyanate) 500 (expressed as allyl isothiocyanate)
Weed seeds and unground and uncrushed fruit containing alkaloids, glucoside or other toxic substances separately or in combination including:— (a) <i>Lolium temulentum</i> L. (b) <i>Lolium remotum</i> Schrank (c) <i>Datura stramonium</i> L.	All feeding stuffs	3000 1000 1000 1000

1 Substances	2 Feeding stuffs	3 Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%
CHAPTER D		
Aldrin } singly, or combined Dieldrin } expressed as dieldrin	All feeding stuffs except fats	0.01 0.2
Camphechlor (Toxaphene)	All feeding stuffs	0.1
Chlordane (sum of cis and trans isomers and of oxychlordane)	All feeding stuffs except fats	0.02 0.05
DDT (sum of DDT, TDE and DDE isomers, expressed as DDT)	All feeding stuffs except fats	0.05 0.5
Endosulphan (sum of alpha and beta isomers and of endosulphan sulph- ate, expressed as endosulphan)	All feeding stuffs except -maize -oilseeds -complete feeding stuffs for fish	0.1 0.2 0.5 0.005
Endrin (sum of endrin and delta- keto-endrin, expressed as endrin)	All feeding stuffs except fats	0.01 0.05
Heptachlor (sum of heptachlor and of heptachlor epoxide, expressed as heptachlor)	All feeding stuffs except fats	0.01 0.2
Hexachlorobenzene (HCB)	All feeding stuffs except fats	0.01 0.2
Hexachlorocyclohexane (HCH) -alpha isomer	All feeding stuffs except fats	0.02 0.2
-beta isomer	Straight feeding stuffs except fats Compound feeding stuffs except compound feeding stuffs for dairy cattle	0.01 0.1 0.01 0.005
-gamma isomer	All feeding stuffs except fats	0.2 2.0

1 <i>Substances</i>	2 <i>Ingredients</i>	3 <i>Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%</i>
Aflatoxin B ₁	Groundnut, copra, palm-kernel, cotton seed, babassu, maize and products derived from the processing thereof	0.2
Cadmium	Phosphates	15

PART I
CATEGORIES OF INGREDIENTS FOR USE IN RELATION TO COMPOUND FEEDING
STUFFS FOR PET ANIMALS

<i>Description of the category</i>	<i>Definition</i>
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.

PART I—Continued

<i>Description of the category</i>	<i>Definition</i>
17. Molluscs and crustaceans	All types of molluscs, crustaceans, shellfish, fresh or preserved by appropriate treatment, and their processing derivatives.
18. Insects	All types of insects in any stage of development.
19. Bakery products	All bread, cakes, biscuits and pasta products.

PART II

CATEGORIES OF INGREDIENTS FOR USE IN RELATION TO COMPOUND FEEDING STUFFS FOR ANIMALS OTHER THAN PETS

<i>Description of the category</i>	<i>Definition</i>
1. Cereal grains	The whole of the grain from all cereal types (including buck-wheat) regardless of their presentation, but from which no fraction other than hulls has been removed.
2. Cereal grain products and by-products	Fractional products and by-products of cereal grains other than oils included in category 15. These products and by-products shall contain not more than 25% crude fibre in the dry matter.
3. Oil seeds	The whole of the seed or fruit from all types of oil seeds and oil fruits regardless of their presentation, but from which no fractions other than hulls or shells have been removed.
4. Oil seed products and by-products	Fractional products and by-products of oil seeds and oil fruits other than oils and fats included in category 15. These products and by-products shall contain not more than 25% crude fibre in the dry matter unless they contain more than 5% crude oils and fats in the dry matter, or more than 15% crude protein in the dry matter.
5. Products and by-products of legume seeds	Whole and fractional products and by-products of legume seeds other than leguminous oil seeds included in categories 3 and 4. The products and by-products shall contain not more than 25% crude fibre in the dry matter.
6. Products and by-products of tubers and roots	Products and by-products derived from tubers and roots other than sugar beet included in category 7. These products and by-products shall contain not more than 25% crude fibre in the dry matter.

<i>Description of the category</i>	<i>Definition</i>
7. Products and by-products of sugar production	Products and by-products of sugar-beet and sugar-cane. These products and by-products shall contain not more than 25% crude fibre in the dry matter.
8. Products and by-products of fruit processing	Products and by-products of fruit processing. These products and by-products shall not contain more than 25% crude fibre in the dry matter, unless they contain more than 5% crude oils and fats in the dry matter, or more than 15% crude protein in the dry matter.
9. Dried forages	Aerial parts of forage plants, cut while green, artificially or naturally dried. These products shall contain not more than 25% crude fibre in the dry matter unless they contain more than 15% crude protein in the dry matter.
10. High fibre materials	Feed ingredients containing more than 25% crude fibre in the dry matter, such as straw, hulls and chaff, other than products included in categories 5, 6 and 9.
11. Milk products	Products derived from the processing of milk, other than separated milk fats included in category 15.
12. Land animal products	Products from the processing of warm blooded land animal waste as defined in Article 2 of Council Directive 90/667/EEC, excluding fat included in category 15, and which are substantially free of hooves, horn, bristle, unhydrolyzed hair and feathers, as well as mammalian digestive tract content. Also excluding products containing more than 50% ash in the dry matter included in category 14.
13. Fish products	Whole or part of fish and other cold blooded marine animals, including products from fish processing other than fish oil and its derivations included in category 15. Also excluding products containing more than 50% ash in the dry matter included in category 14.
14. Minerals	Inorganic or organic materials containing more than 50% ash in the dry matter other than materials containing more than 5% of ash insoluble in hydrochloric acid in the dry matter.
15. Oils and fats	Oils and fats from animal and vegetable sources, and their derivatives.
16. Products from the bakery and pasta industries	Waste and surplus materials from the bakery and pasta industries.

SCHEDULE 7
CONTROL OF CERTAIN PROTEIN SOURCES

Regulation 15 and
Schedule 1, paragraph 18

1832

1 Name of product group	2 Permitted products	3 Designation of nutritive principle or identity of micro-organisms	4 Culture substrate (specifications, if any)	5 ⁽¹⁾ Composition characteristics of product	6 Animal species	7 ⁽¹⁾ Name of product and specified particulars
<p>1. Proteins obtained from the following groups of micro-organisms</p> <p>1.1. Bacteria</p> <p>1.1.1. Bacteria cultivated on methanol</p>	<p>1.1.1.1. Protein product of fermentation obtained by culture of <i>Methylophilus methylotrophus</i> on methanol</p>	<p><i>Methylophilus methylotrophus</i> NCIB strain 10.515</p>	<p>Methanol</p>	<p>Crude protein: min 68%— Reflectance index: at least 50</p>	<p>Pigs, calves, poultry and fish</p>	<p>Declarations to be made on the label or packaging of the product:</p> <ul style="list-style-type: none"> -name of the product -crude protein -crude ash -crude fat -moisture content -instructions for use -avoid inhalation of dust <p>Declarations to be made on the label or packaging of compound feeding stuffs:</p> <ul style="list-style-type: none"> -amount of the product contained in the feeding stuff

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No. 270

1.2. *Yeasts*

1.2.1. Yeasts cultivated on substrates of animal or vegetable origin

—Yeasts obtained from the micro-organisms and substrates listed in columns 3 and 4, the cells of which have been killed

Saccharomyces cerevisiae
Saccharomyces carlsbergensis
Kluyveromyces lactis
Kluyveromyces fragilis

Molasses, distillery residues, cereals and products containing starch, fruit juice, whey, lactic acid, hydrolyzed vegetable fibres

All animal species

1.2.2. Yeasts cultivated on substrates other than those given in 1.2.1.

1.3. *Algae*1.4. *Lower fungi*

1.4.1. Products from production of antibiotics by fermentation

1.4.1.1. Mycelium, wet by-product from the production of penicillin, ensiled by means of *Lactobacillus brevis*, *plantarum*, *sake*, *collenoid* and *Streptococcus lactis* to inactivate the penicillin, and heat treated

Nitrogenous compound
Penicillium chrysogenum
ATCC 48271

Different sources of carbohydrates and their hydrolysates

Nitrogen expressed as crude protein: min. 7%

Ruminants
pigs

Declaration to be made on the label or packaging of the product:

—the name: "Mycelium silage from the production of penicillin"

—Nitrogen expressed as crude protein
—crude ash
—moisture
—animal species or category

Declaration to be made on the label or packaging of the compound feeding stuff:

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

SCHEDULE 7—continued

1834

1 Name of product group	2 Permitted products	3 Designation of nutritive principle or identity of micro-organisms	4 Culture substrate (specifications, if any)	5 ⁽¹⁾ Composition characteristics of product	6 Animal species	7 ⁽¹⁾ Name of product and specified particulars
2. Non-protein nitrogenous compounds 2.1. Urea and its derivatives	2.1.1. Urea, technically pure 2.1.2. Biuret, technically pure 2.1.3. Urea-phosphate, technically pure 2.1.4. Diureidoisobutane, technically pure	CO(NH ₂) ₂ (CONH ₂) ₂ -NH CO(NH ₂) ₂ ·H ₃ PO ₄ (CH ₃) ₂ (CH) ₂ - (NHCONH ₂) ₂	— — — —	Urea: min 97% Biuret: min. 97% Nitrogen: min 16.5% Phosphorus: min. 18% Nitrogen: min 30% Isobutyraldehyde: min. 35%	Ruminants from the beginnings of rumination	the name: "mycelium silage from the production of penicillin". Declarations to be made on the label or packing of the product: —the name: "Urea", "Biuret", "Urea-phosphate" or "Diureidoisobutane", as the case may be; —nitrogen level; and in addition for product 2.1.3, phosphorus level; —animal species or category Declarations to be made on the label or packaging of compound feeding stuffs: —the name "Urea", "Biuret", "Urea-phosphate" or "Diurei-

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No. 270

2.2. Ammonium salts	2.2.1. Ammonium lactate, produced by fermentation with <i>Lactobacillus bulgaricus</i> .	CH ₃ CHOHCOONH ₄	Whey	Nitrogen expressed as crude protein: min. 44%	Ruminants from the beginning of rumination	<p>doisobutane” as the case may be; amount of the product contained in the feedingstuff;</p> <ul style="list-style-type: none"> -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 <p>Declarations to be made on the label or packaging of the product:</p> <ul style="list-style-type: none"> -the name: “Ammonium lactate from fermentation”; -nitrogen expressed as crude protein; -crude ash; -moisture; -animal species or category <p>Declarations to be made on the label or packaging of compound feedingstuffs:</p> <ul style="list-style-type: none"> -the name: “Ammonium lactate from fermentation”;
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No. 270

Agriculture

1835

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

SCHEDULE 7—continued

1 Name of product group	2 Permitted products	3 Designation of nutritive principle or identity of micro-organisms	4 Culture substrate (specifications, if any)	5 ⁽¹⁾ Composition characteristics of product	6 Animal species	7 ⁽¹⁾ Name of product and specified particulars
	2.2.2. Ammonium acetate in aqueous solution	CH ₃ COONH ₄	—	Ammonium acetate: min 55%	Ruminants, from the start of rumination	<p>—amount of 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.</p> <p>Declarations to be made on the label or packaging of the product: —the words “Ammonium acetate”; —nitrogen content; —moisture content; —animal species or category.</p> <p>Declarations to be made on the label or packaging of compound feeding stuffs:</p>

<p>2.3. By-products from the production of amino acids by fermentation</p>	<p>2.3.1. Concentrated liquid by-products from the production of L-glutamic acid by fermentation with <i>Corynebacterium melassecola</i></p> <p>2.3.2. Concentrated liquid by-products from the production of L-lysine monohydro-chloride by fermentation with <i>Brevibacterium lactofermentum</i></p>	<p>Ammonium salts and other nitrogenous compounds</p> <p>Ammonium salts and other nitrogenous compounds</p>	<p>Sucrose, molasses, starch products and their hydrolysates</p> <p>Sucrose, molasses, starch products and their hydrolysates</p>	<p>Nitrogen expressed as crude protein: min. 48% Moisture: max. 28%</p> <p>Nitrogen expressed as crude protein: min. 45%</p>	<p>Ruminants from the beginning of rumination</p> <p>Ruminants from the beginning of rumination</p>	<p>–the words “Ammonium acetate”;</p> <p>–the amount of the product contained in the feeding stuff;</p> <p>–percentage of the total crude protein provided by non-protein nitrogen;</p> <p>–indication in the instructions for use of the level of total non-protein nitrogen which should not be exceeded in the daily ration for each animal species or category.</p> <p>Declarations to be made on the label or packaging of the product:</p> <p>–the name “by-products from the production of L-glutamic acid” in the case of product 2.3.1; “by-products from the production of L-lysine” in the case of product 2.3.2;</p> <p>–nitrogen, expressed as crude protein;</p> <p>–crude ash;</p> <p>–moisture;</p> <p>–animal species or category.</p>
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(1) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

SCHEDULE 7—continued

1 Name of product group	2 Permitted products	3 Designation of nutritive principle or identity of micro-organisms	4 Culture substrate (specifications, if any)	5 ⁽¹⁾ Composition characteristics of product	6 Animal species	7 ⁽¹⁾ Name of product and specified particulars
<p>3. Amino acids and their salts.</p> <p>3.1. Methionine</p>	<p>3.1.1. DL-Methionine, technically pure</p> <p>3.1.2. Dihydrated calcium salt of N-hydroxymethyl-DL-methionine, technically pure</p> <p>3.1.3. Methionine-zinc, technically pure</p>	<p>$\text{CH}_3\text{S}(\text{CH}_2)_2\text{-CH}(\text{NH}_2)\text{-COOH}$</p> <p>$[\text{CH}_3\text{S}(\text{CH}_2)_2\text{-CH}(\text{NH-CH}_2\text{OH})\text{-COO}]_2\text{Ca.2H}_2\text{O}$</p> <p>$[\text{CH}_3\text{S}(\text{CH}_2)_2\text{-CH}(\text{NH}_2)\text{-COO}]_2\text{Zn}$</p>	<p>—</p> <p>—</p> <p>—</p>	<p>DL-methionine; min. 98%</p> <p>DL-methionine; min. 67%</p> <p>Formaldehyde: max. 14%</p> <p>Calcium: min. 9%</p> <p>DL-Methionine:</p>	<p>All animal species</p> <p>Ruminants from the beginning of rumination</p>	<p>Declarations to be made on the label or packaging of compound feedingstuffs:</p> <ul style="list-style-type: none"> —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 <p>Declarations to be made on the label or packaging of the product:</p> <ul style="list-style-type: none"> —the name: “DL-methionine”, in the case of products 3.1.1, “Dihydrated calcium salt of N-hydroxymethyl-DL-methionine” in the case of product 3.1.2, “Zinc-methionine”, in the case of product 3.1.3,

				min. 80% Zn: max. 18.5%		-DL-methionine and moisture contents, -animal species or category in the case of products 3.1.2, and 3.1.3.
	3.1.4. Concentrated liquid sodium DL-Methionine technically pure	$(\text{CH}_3\text{S}(\text{CH}_2)_2\text{-CH}(\text{NH}_2)\text{-COO})\text{Na}$	—	DL-Methionine: min. 40% Sodium: min. 6.2%	All animal species	Declarations to be made on the label or packaging of the product: -the name: "concentrated liquid sodium DL-methionine" -DL-methionine content -moisture content
3.2. Lysine	3.2.1. L-Lysine, technically pure	$\text{NH}_2\text{-(CH}_2)_4\text{-CH}(\text{NH}_2)\text{-COOH}$	—	L-Lysine: min. 98%	All animal species	Declarations to be made on the label or packaging of the product: -the name "L-Lysine" in the case of product 3.2.1. "Concentrated liquid L-Lysine base" in the case of product 3.2.2, "L-Lysine-monohydrochloride" in the case of product 3.2.3, "Concentrated liquid L-Lysine monohydrochloride" in the case of product 3.2.4, "L-Lysine sulphate and its by-products from fermentation" in the case of product 3.2.5, -L-Lysine and moisture content
	3.2.2. Concentrated liquid L-Lysine (base)	$\text{NH}_2\text{-(CH}_2)_4\text{-CH}(\text{NH}_2)\text{-COOH}$	Saccharose, molasses, starch products and their hydrolysates	L-Lysine: min. 60%		
	3.2.3. L-Lysine-monohydrochloride, technically pure	$\text{NH}_2\text{-(CH}_2)_4\text{-CH}(\text{NH}_2)\text{-COOH.HCl}$	—	L-Lysine: min. 78%		
	3.2.4. Concentrated liquid L-Lysine-monohydrochloride	$\text{NH}_2\text{-(CH}_2)_4\text{-CH}(\text{NH}_2)\text{-COOH.HCl}$	Saccharose, molasses, starch products and their hydrolysates	L-Lysine: min. 22.4%		
	3.2.5. L-Lysine-sulphate produced by fermentation with <i>Corynebacterium glutamicum</i>	$[\text{NH}_2\text{-(CH}_2)_4\text{-CH}(\text{NH}_2)\text{-COOH}]_2\text{-H}_2\text{SO}_4$	Sugar syrup, molasses, cereals, starch products and their hydrolysates	L-Lysine: min. 40%		

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

SCHEDULE 7—continued

1 Name of product group	2 Permitted products	3 Designation of nutritive principle or identity of micro-organisms	4 Culture substrate (specifications, if any)	5 ⁽¹⁾ Composition characteristics of product	6 Animal species	7 ⁽¹⁾ Name of product and specified particulars
	3.2.6. L-Lysine phosphate and its by-products produced by fermentation with <i>Brevibacterium lactofermentum</i> NRRL B-11470	$[\text{NH}_2(\text{CH}_2)_4\text{-CH}(\text{NH}_2)\text{-COOH}]\text{-H}_3\text{PO}_4$	Sucrose ammonia and fish solubles	L-Lysine: min. 35% Phosphorus: min. 4.3%	Poultry Pigs	Declarations to be made on the label or packaging of the product: —the name “L-Lysine phosphate and its by-products from fermentation” —L-Lysine and moisture content
3.3. Threonine	3.3.1. L-Threonine, technically pure	$\text{CH}_3\text{-CH}(\text{OH})\text{-CH}(\text{NH}_2)\text{-COOH}$	—	L-Threonine: min. 98%	All animal species	Declarations to be made on the label or packaging of the product: —the name “L-Threonine” —L-Threonine and moisture content
3.4. Tryptophan	3.4.1. L-Tryptophan, technically pure	$(\text{C}_8\text{H}_5\text{NH})\text{-CH}_2\text{-CH}(\text{NH}_2)\text{-COOH}$	—	L-Tryptophan: min. 98%	All animal sizes	Declarations to be made on the label or packaging of the product: —the name: “L-Tryptophan”, —L-Tryptophan and moisture content
	3.4.2. DL-Tryptophan, technically pure	$(\text{C}_8\text{H}_5\text{NH})\text{-CH}_2\text{-CH}(\text{NH}_2)\text{-COOH}$	—	DL-Tryptophan: min. 98%	All animal species	Declarations to be made on the label or packaging

<p>4. Hydroxy-analogues of amino acids 4.1. Hydroxy-analogue of methionine and its salts</p>	<p>4.1.1. DL-2-hydroxy-4-methylmercaptobutyric acid 4.1.2. Calcium salt of DL-2-hydroxy-4-methylmercaptobutyric acid</p>	<p>$\text{CH}_3\text{-S-(CH}_2\text{)}_2\text{-CH(OH)-COOH}$ $\text{(CH}_3\text{-S-(CH}_2\text{)}_2\text{-CH(OH)-COO)}_2\text{Ca}$</p>	<p>— —</p>	<p>Total acids: minimum 85% Monomer acid: minimum 65% Monomer acid: minimum 83% Calcium: minimum 12%</p>	<p>All animal species except ruminants</p>	<p>of the product: -the name "DL-Tryptophan", -DL-Tryptophan and moisture content Declarations to be made on the label or packaging of the product: -name (column 2) -monomer and total acids content in the case of 4.1.1, monomer content in the case of 4.1.2, -moisture content -animal species or categories Declarations to be made on the label or packaging of compound feedingstuffs: -name (column 2) -monomer and total acids content in the case of 4.1.1, monomer content in the case of 4.1.2; -the amount of the product contained in the feedingstuff</p>
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⁽¹⁾ The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

LABELLING AND MARKING OF ADDITIVES AND PREMIXTURES

PART I

ADDITIVES

1. The label or mark shall give—
 - (a) in the case of any additive,
 - (i) the name of the additive;
 - (ii) the name or business name and the address or registered business address of the person responsible within the European Economic Community for the particulars referred to in this Part;
 - (b) in the case of vitamin E,
 - (i) the alpha-tocopherol level as acetate;
 - (ii) an indication of the period during which that level will remain present;
 - (c) in the case of any vitamin other than vitamin E, or any added provitamin or substance having a similar effect,
 - (i) the active substance level;
 - (ii) an indication of the period during which that level will remain present;
 - (d) in the case of any trace element, colourant (including pigment), preservative or other additive not specified above, the active substance level.
2. The label or mark may give, in addition to the name used in relation to any additive in the Table to Schedule 4—
 - (a) the trade name of the additive and its EEC number;
 - (b) the name or business name and the address or registered business address of the manufacturer;
 - (c) directions for use, including any appropriate safety recommendation.

PART II

PREMIXTURES

1. The label or mark shall give—
 - (a) in the case of any premixture,
 - (i) the description "premixture";
 - (ii) directions for use, including any appropriate safety recommendation;
 - (iii) the species or category of animal for which the premixture is intended;
 - (iv) the name or business name and the address or registered business address of the person responsible within the European Economic Community for the particulars referred to in this Part;
 - (b) in the case of any antioxidant, colourant (including pigment), trace element or preservative in a premixture for which a maximum content in a complete feeding stuff is provided for by the appropriate Part of the Table to Schedule 4,
 - (i) the name of the additive;

- (ii) the active substance level;
- (c) in the case of vitamin E in a premixture,
 - (i) the name of the additive;
 - (ii) the alpha-tocopherol level as acetate;
 - (iii) an indication of the period during which that level will remain present;
- (d) in the case of any vitamin other than vitamin E, or any provitamin or substance having a similar effect in a premixture,
 - (i) the name of the additive;
 - (ii) the active substance level;
 - (iii) an indication of the period during which that level will remain present;
- (e) in the case of any additive in a premixture other than any of those referred to in subparagraphs (b) to (d), which fulfils a function in the feeding stuff as such, and in respect of which the amount thereof which is present in the premixture can be determined by using one of the methods of analysis specified in Schedule 2 to the Sampling and Analysis Regulations, or by some other valid scientific method,
 - (i) the name of the additive
 - (ii) the active substance level.

2. The label or mark may give, in addition to the name used in relation to any additive in the Table to Schedule 4,

- (a) the trade name of the additive; or
- (b) its EEC number; or
- (c) both such trade name and EEC number.

3. In the case of a premixture containing more than one vitamin (other than vitamin E), provitamin or substance having a similar effect, the requirement for the indication of the period for which the active substance level will remain present shall apply only to that one of those additives which has the shortest such period.

METHOD OF CALCULATING THE ENERGY VALUE OF COMPOUND FEEDS

The energy value of compound poultry, ruminant and pig feeds shall be calculated in accordance with the formulae set out below on the basis of the percentages of certain analytical components of the feed. After application of these formulae, the results shall be given to one decimal place.

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

MJ of ME/Kg of feed = $0.1551 \times \% \text{ Crude Protein (a)} + 0.3431 \times \% \text{ oil (b)} + 0.1669 \times \% \text{ Starch (c)} + 0.1301 \times \% \text{ total Sugar (expressed as sucrose) (d)}$.

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

MJ of ME/kg of dry matter = $0.14 \times \% \text{ Neutral detergent Cellulase plus Gamanase and Amylase Digestibility (e)} + 0.25 \times \% \text{ Oil (b)}$.

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

MJ of DE/kg of dry matter = $17.47 + 0.079 \times \% \text{ Crude Protein (a)} + 0.158 \times \% \text{ Oil (b)} - 0.331 \times \% \text{ Ash (f)} - 0.140 \text{ Neutral Detergent plus Amylase Fibre (e)}$.

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

(a) Determined by method 4 of the methods of analysis specified in Schedule 2 of the Sampling and Analysis Regulations.

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

(b) Determined by procedure B of method 3 of the methods of analysis specified in Schedule 2 of the Sampling and Analysis Regulations.

N.B. It is recommended that the pre-extraction of oil prior to acid hydrolysis is always carried out on compound feed. In ruminant and pig feeds the result must be corrected to 100% dry matter.

(c) Determined by method 30a (Polarimetric Method) of the methods of analysis specified in Schedule 2 of the Sampling and Analysis Regulations.

(d) Determined by method 10a of the methods of analysis specified in Schedule 2 of the Sampling and Analysis Regulations.

(e) Determined by the method detailed in 'The Prediction of the Energy Values of Compound Feeding Stuffs for Farm Animals' (to be published by the Ministry of Agriculture, Fisheries and Food).

(f) Determined by method 12 of the methods of analysis specified in Schedule 2 of the Sampling and Analysis Regulations.

N.B. The result must be corrected to 100% dry matter.

EXPLANATORY NOTE

(This note is not part of the Regulations.)

1. These Regulations, which apply to Northern Ireland, consolidate with amendments the Feeding Stuffs Regulations (Northern Ireland) 1988 as amended, and implement the European Community directives listed at the end of this note.

2. The Regulations apply to feeding stuffs for animals of the kinds specified in regulation 3 and for pet animals. Those feeding stuffs are prescribed for the purposes in particular 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 the composition of those materials and information or instructions as to their storage, handling and use, and to mark them with that information (regulation 4). The contents of statutory statements and other declarations are prescribed by regulation 5 and Schedules 1, 6 and 9, and their form by regulation 6. Further provisions relating to statutory statements are contained in regulations 7 and 8. Permitted limits of variation in mis-statements in statutory statements are prescribed (regulation 10 and Schedule 3).

3. The Regulations—

- (a) provide for the manner of packaging and sealing compound feeding stuffs, additives and pre-mixtures (regulation 11);
- (b) provide for 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 assigned pursuant to that section accords with that meaning), (regulation 12(1) and Schedule 2);
- (c) regulate the marketing of feeding stuffs containing additives (regulation 13 and Schedule 4);
- (d) restrict or prohibit the selling and use in feeding stuffs of certain undesirable substances (regulation 14 and Schedule 5);
- (e) restrict the sale or use of certain protein sources and non-protein nitrogenous compounds in feeding stuffs (regulation 15 and Schedule 7);
- (f) control the labelling or marketing of additives and pre-mixtures of additives (regulation 16 and Schedule 8).

4. The Regulations modify section 66(1) of the Act so as to provide a new definition of "feeding stuff"; and modify section 66(2) so as to make it apply to the importation and use as well as the sale of feeding stuffs. They modify section 69 of the Act in its application to imported feeding stuffs. They also modify section 82 (which provides for defences to prosecutions brought under the Act) by applying it to additional sections of Part IV of the Act (regulations 19 and 20).

5. In addition to minor and drafting amendments, the Regulations make changes in the previous law to give effect to the following European Community Directives:

Council Directive 90/44/EEC
Commission Directive 91/126/EEC
Commission Directive 91/249/EEC
Commission Directive 91/336/EEC
Commission Directive 91/357/EEC
Commission Directive 91/508/EEC
Commission Directive 91/516/EEC.

The principal changes are contained in—

- (a) Schedule 1—its provisions now apply to declarations and information not contained in the statutory statement, as well as to the statutory statement itself. All the ingredients in compound feeding stuffs for agricultural animals and for most pet animals must be declared. New labelling rules require the declaration of the maximum storage life, the batch number or date of manufacture and the moisture content of animal feeds;
- (b) regulation 21—which provides inspectors appointed under section 67 of the Act with a power to inspect manufacturers' records relating to compound feeding stuffs.

LIST OF DIRECTIVES

1. Council Directive 70/524/EEC (OJ No. L270, 14.12.70, p. 11 (OJ/SE Vol. 18, p. 4)) concerning additives in feeding stuffs, as amended by:—
 - Commission Directive 91/248/EEC (OJ No. L124, 18.5.91, p. 1)
 - Commission Directive 91/249/EEC (OJ No. L124, 18.5.91, p. 43)
 - Commission Directive 91/336/EEC (OJ No. L185, 11.7.91, p. 31)
 - Commission Directive 91/508/EEC (OJ No. L271, 27.9.91, p. 67)
2. Council Directive 74/63/EEC (OJ No. L38, 11.2.74, p. 31) on undesirable substances and products in animal nutrition, as amended by:—
 - Commission Directive 76/934/EEC (OJ No. L364, 31.12.76, p. 20)
 - Council Directive 80/502/EEC (OJ No. L124, 20.5.80, p. 17)
 - Commission Directive 83/381/EEC (OJ No. L222, 13.8.83, p. 31)
 - Council Directive 85/3768/EEC (OJ No. L362, 31.12.85, p. 8)
 - Commission Directive 86/299/EEC (OJ No. L189, 11.7.86, p. 40)
 - Council Directive 86/354/EEC (OJ No. L212, 2.8.86, p. 27)
 - Commission Directive 87/238/EEC (OJ No. L110, 25.4.87, p. 25)
 - Commission Directive 91/126/EEC (OJ No. L60, 7.3.91, p. 16)
 - Council Directive 91/132/EEC (OJ No. L66, 13.3.91, p. 16).

3. Council Directive 77/101/EEC (OJ No. L32, 3.2.77, p. 1) on the marketing of straight feeding stuffs, as amended by:—

- Council Directive 79/372/EEC (OJ No. L86, 6.4.79, p. 29)
- Commission Directive 79/797/EEC (OJ No. L239, 22.9.79, p. 53)
- Commission Directive 80/510/EEC (OJ No. L126, 21.5.80, p. 12)
- Commission Directive 82/937/EEC (OJ No. L383, 31.12.82, p. 11)
- Council Regulation 85/3768/EEC (OJ No. L362, 31.12.85, p. 8)
- Council Directive 86/354/EEC (OJ No. L212, 2.8.86, p. 27)
- Commission Directive 87/234/EEC (OJ No. L102, 14.4.87, p. 31).

4. Council Directive 79/373/EEC (OJ No. L86, 6.4.79, p. 30) on the marketing of compound feeding stuffs, as amended or supplemented by:—

- Commission Directive 80/509/EEC (OJ No. L126, 21.5.80, p. 9)
- Commission Directive 80/695/EEC (OJ No. L188, 22.7.80, p. 23)
- Commission Directive 82/475/EEC (OJ No. L213, 21.7.82, p. 27)
- Commission Directive 82/957/EEC (OJ No. L386, 31.12.82, p. 42)
- Council Regulation 85/3768/EEC (OJ No. L362, 31.12.85, p. 8)
- Commission Directive 86/174/EEC (OJ No. L130, 16.5.86, p. 53)
- Council Directive 86/354/EEC (OJ No. L212, 2.8.86, p. 27)
- Commission Directive 87/235/EEC (OJ No. L102, 14.4.87, p. 34)
- Council Directive 90/44/EEC (OJ No. L27, 31.1.90, p. 35)
- Commission Directive 91/334/EEC (OJ No. L184, 10.7.91, p. 27)
- Commission Directive 91/357/EEC (OJ No. L193, 17.7.91, p. 34)
- Commission Directive 91/516/EEC (OJ No. L281, 9.10.91, p. 23).

5. Commission Directive 80/511/EEC (OJ No. L126, 21.5.80, p. 14) authorising, in certain cases, the marketing of compound feeding stuffs in unsealed packages or containers.

6. Council Directive 82/471/EEC (OJ No. L213, 21.7.82, p. 8) concerning certain products used in animal nutrition, as amended by:—

- Commission Directive 85/509/EEC (OJ No. L314, 23.11.85, p. 25)
- Council Regulation 85/3768/EEC (OJ No. L362, 31.12.85, p. 8)
- Commission Directive 86/530/EEC (OJ No. L312, 7.11.86, p. 39)
- Commission Directive 88/485/EEC (OJ No. L239, 30.8.88, p. 36)
- Commission Directive 89/520/EEC (OJ No. L270, 19.9.89, p. 13)
- Commission Directive 90/439/EEC (OJ No. L227, 21.8.90, p. 33).