

VETERINARY SERVICES ACT
(CAP. 437)

Undesirable Substances in Animal Feeds Rules, 2005
(Amendment)

IN exercise of the powers conferred by Article 10 of the Veterinary Services Act, the Minister for Rural Affairs and the Environment has, after consultation with the Minister of Health, the Elderly and Community Care, made the following rules: -

1. (1) The title of these rules is Undesirable Substances in Animal Feeds (Amendment) Rules, 2006, and they shall be read and construed as one with the Undesirable Substances in Animal Feeds Rules, 2005, henceforth referred to as the principal rules,

Title and scope
L.N. 81 of 2005

(2) The scope of these rules is to implement the provisions found under the Commission Directives 2005/86/EC Commission Directive 2005/86/EC of 5th December 2005 amending Annex I to Directive 2002/32/EC of the European Parliament and of the Council on undesirable substances in animal feed as regards camphechlor and Commission Directive 2005/87 of 5th December 2005 amending Annex I to Directive 2002/32/EC of the European Parliament and of the Council on undesirable substances in animal feed as regards lead, fluorine and cadmium.

2. Immediately after rule 10 of the principal rules, there shall be added the following new rule:

Adds new rule 11
to the principal
rules.

Maximum flourine Content

“11. The maximum fluorine content shall be as set out in the Annex I to these rules, however they will apply without prejudice to the other conditions for the authorization of the additive vermiculite, belonging to the group of binders, anti-caking agents and coagulants, laid down in European Council Directive 70/524/EEC”.

3. Schedule I of the principle rules shall be amended as follows:

Amends Schedule
I of the Principal
Rules

(a) For row 2 shall be substituted by the following:

| Undesirable substances | Products intended for animal feed | Maximum content in mg/kg (ppm) relative to a feedingstuff with a moisture content of 12 % |
|---|---|---|
| (1) | (2) | (3) |
| 2. Lead ¹ | Feed materials with the exception of: | 10 |
| | – green fodder ² | 30 |
| | – phosphates and calcareous marine algae | 15 |
| | – yeasts | 5 |
| | Additives belonging to the functional group of compounds of trace elements except | 100 |
| | – zinc oxide | 400 |
| | – manganous oxide, iron carbonate, copper carbonate | 200 |
| | Additives belonging to the functional groups of binders and anti-caking agents except | 30 |
| | – clinoptilolite of volcanic origin | 60 |
| | Premixtures | 200 |
| | 10 | |
| Complementary feedingstuffs with the exception of | 15 | |
| – mineral feedingstuffs | 5 | |
| Complete feedingstuffs | | |

¹ Maximum levels refer to an analytical determination of lead, whereby extraction is performed in nitric acid (5 % w/w) for 30 minutes at boiling temperature. Equivalent extraction procedures can be applied for which it can be demonstrated that the used extraction procedure has an equal extraction efficiency.

² Green fodder includes products intended for animal feed such as hay, silage, fresh grass, etc.

(b) for row 3 there shall be substituted the following

| Undesirable substances | Products intended for animal feed | Maximum content in mg/kg (ppm) relative to a feedingstuff with a moisture content of 12 % |
|---------------------------|---|---|
| (1) | (2) | (3) |
| '3. Fluorine ³ | <p>Feed materials with the exception of:</p> <ul style="list-style-type: none"> - feedingstuffs of animal origin with the exception of marine crustaceans such as marine krill - marine crustaceans such as marine krill - phosphates - calcium carbonate - magnesium oxide - calcareous marine algae <p>Vermiculite (E 561)</p> <p>Complementary feedingstuffs</p> <ul style="list-style-type: none"> - containing ≤ 4 % phosphorus - containing > 4 % phosphorus <p>Complete feedingstuffs with the exception of</p> <ul style="list-style-type: none"> - complete feedingstuffs for cattle sheep and goats <ul style="list-style-type: none"> -- in lactation - other - complete feedingstuffs for pigs - complete feedingstuffs for poultry - complete feedingstuffs for chicks | <p>150</p> <p>500</p> <p>3000</p> <p>2 000</p> <p>350</p> <p>600</p> <p>1 000</p> <p>3 000</p> <p>500</p> <p>125 per 1 % phosphorus</p> <p>150</p> <p>30</p> <p>50</p> <p>100</p> <p>350</p> <p>250</p> |

³ Maximum levels refer to an analytical determination of fluorine, whereby extraction is performed with hydrochloric acid 1 N for 20 minutes at ambient temperature. Equivalent extraction procedures can be applied for which it can be demonstrated that the used extraction procedure has an equal extraction efficiency.

(c) For row 6 there shall be substituted the following.

| Undesirable substances | Products intended for animal feed | Maximum content in mg/kg (ppm) relative to a feedingstuff with a moisture content of 12 % |
|-------------------------|---|---|
| (1) | (2) | (3) |
| 6. Cadmium ¹ | Feed materials of vegetable origin | 1 |
| | Feed materials of animal origin | 2 |
| | Feed materials of mineral origin except - phosphates | 2 10 |
| | Additives belonging to the functional group of compounds of trace elements except - copper oxide, manganous oxide, zinc oxide and manganous sulphate monohydrate | 10 30 |
| | Additives belonging to the functional groups of binders and anti-caking agents | 2 |
| | Premixtures | 15 |
| | Mineral feedingstuffs - containing < 7 % phosphorus - containing ≥ 7 % phosphorus | 5 0,75 per 1 % phosphorus, with a maximum of 7,5 |
| | Complementary feedingstuffs for pet animals | 2 |
| | Other complementary feedingstuffs | 0.5 |
| | Complete feedingstuffs for cattle, sheep and goats and feedingstuffs for fish except | 1 |
| | - complete feedingstuffs for pets | 2 |
| | - complete feedingstuffs for calves, lambs and kids and other complete feedingstuffs | 0.5 |

¹ Maximum levels refer to an analytical determination of cadmium, whereby extraction is performed in nitric acid (5 % w/w) for 30 minutes at boiling temperature. Equivalent extraction procedures can be applied for which it can be demonstrated that the used extraction procedure has an equal extraction efficiency

and

(d) for row 19 there shall be substituted the following:

| Undesirable substances | Products intended for animal feed | Maximum content in mg/kg (ppm) relative to a feedingstuff with a moisture content of 12 % |
|--|---|---|
| (1) | (2) | (3) |
| *19. Camphechlor (toxaphene) — sum of indicator congeners CHB 26, 50 and 62 ² | -Fish, other aquatic animals, their products and by-products with the exception of fish oil - Fish oil - Feedingstuffs for fish | 0,02 0,2 0,05 |

² Numbering system according to Parlar, prefixed by either "CHB" or "Parlar #":

- CHB 26: 2-endo,3-exo,5-endo, 6-exo, 8,8,10,10-octochlorobornane,
- CHB 50: 2-endo,3-exo,5-endo, 6-exo, 8,8,9,10,10-nonachlorobornane,
- CHB 62: 2,2,5,5,8,9,9,10,10-nonachlorobornane.