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SCHEDULE

Definitions

1. Words and phrases in these regulations shall have the meaning assigned hereto and any other word or expression shall have the meaning thereto in the Act, and unless the context otherwise indicates—

“complementary pet food” means a pet food which is either a treat, or is a fresh, frozen or canned meat or fish product that does not meet all the daily nutrient requirements of a pet animal;

“complete animal feed” means an animal feed which contains all the necessary nutrients in the correct quantities and proportions for a given physiological need of the animal as recognised by the Registrar and which meets the total daily nutrient requirements of an animal. Complete farm feed and complete livestock feed have the same meaning;

“complete pet food” means a pet food which contains all the necessary nutrients in the correct quantities and proportions for a given physiological need of the animal as recognized by the Registrar and which meets the total daily nutrient requirements of a pet animal. Balanced pet food has the same meaning;

“concentrate” means an animal feed that must be mixed with one or more raw materials to obtain a complete animal feed or supplement animal feed;

“feedstuff” means any substance, whether processed, semi-processed or raw which is intended for animal consumption. Feedingstuff has the same meaning;

“ingredient” means an edible substance that is used in making a feed. Feed ingredient has the same meaning;

“pet food” means an animal feed for pet animals;

“premixture” means a mixture of feed additives or mixtures of one or more feed additives with substances used as carriers, intended for the manufacture of animal feeds;

“raw material” means a product of vegetable or animal origin, in its natural state, fresh or preserved; a product derived from the industrial processing thereof; and an organic or inorganic macro mineral source, whether or not used as a carrier in a mixture. Feed material has the same meaning; and

“supplement animal feed” means a feed used with another feed to improve the nutritional balance or performance of the total feed and is intended to be fed undiluted as a supplement to other feeds. Supplement pet food has the same meaning.

**PART I
REGISTRATIONS**

Maximum permissible levels of undesirable substances in feed

2. A product containing undesirable substances may be registered as an animal feed if its contents do not exceed the maximum quantity specified in these regulations.

**TABLE 1
UNDESIRABLE SUBSTANCES IN ANIMAL FEEDS
[REG. 11(3) Farm Feeds regulations]**

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)
SECTION I: INORGANIC CONTAMINANTS AND NITROGENOUS COMPOUNDS		
1. Arsenic	Feed ingredients with the exception of:	2
	meal made from grass, from dried lucerne and from dried clover and dried sugar beet pulp and dried molasses sugar beet pulp	4
	palm kernel expeller	4(*)
	phosphates and calcareous marine algae	10
	calcium carbonate	15
	magnesium oxide	20
	feedstuffs (farm feed) obtained from the processing of fish or other marine animals	25(*)
	seaweed meal and feed ingredients derived from seaweed (kelp)	40(*)
	Additives belonging to the functional group of compounds of trace elements except:	30
	copper sulphate pentahydrate and copper carbonate	50
	zinc oxide, manganese oxide and copper oxide	100
	Complete animal feed with the exception of:	2
	complete animal feed for fish and complete feeds for fur animals	10(*)
	Supplements/concentrates with the exception of:	4
	mineral products	12

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)
<p>2. Lead</p> <p><i>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 efficiency.</i></p>	Ingredients with the exception of:	10
	green fodder (roughages)	40(**)
	phosphates and calcareous marine algae	15
	calcium carbonate	20
	yeast	5
	Additives belonging to the functional group of compounds of trace elements (mineral products) except:	100
	zinc oxide	400(**)
	manganous oxide, iron, carbonate, copper carbonate	200(**)
	Additives belonging to the functional group of binders and anti-caking agents except:	30(**)
	clinoptilolite of volcanic origin	60(**)
	Premixtures	200(**)
	Complementary feedstuffs (supplements/concentrates) with the exception of:	10
	mineral feedstuffs (mineral products)	15
	Complete farm feeds	5
<p>3. Fluorine</p>	Feed Ingredients with the exception of:	150
	feed ingredients of animal origin with the exception of marine crustaceans such as marine krill	500
	marine krill	3000
	phosphates	2000
	calcium carbonate	350
	magnesium oxide	600
	calcareous marine algae	1000
	vermiculite (E561)	3000
	complementary feedstuffs: (supplements/concentrates) containing less than 4% phosphorus	500
	containing more than 4% phosphorus	125 per 1% phosphorus
	Complete animal feed with the exception of:	150

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)
	complete feeds for lactating cattle, sheep and goats	30
	other	50
	complete feeds for pigs	100
	complete feeds for poultry	350
	complete feeds for chicks	250
4. Mercury	Feed ingredients except feed ingredients produced by the processing of fish or other marine animals	0.1
	Feeds ingredients produced by the processing of fish or other marine animals	0.5
	Complete feeds except for dogs and cats	0.1
	Complete foods for dogs and cats	0.4
	Supplements/ concentrates except complementary food for dogs and cats	0,2
5. Nitrites	Fish meal	60 (expressed as sodium nitrite)
	Complete feeds excluding: Ingredients intended for pets except birds and aquarium fish	15 (expressed as sodium nitrite)
6. Cadmium	Ingredients of vegetable origin	1
	Ingredients of animals origin	2
	Ingredients of mineral origin (mineral products) except:	2
	phosphates	10
	Additives belonging to the functional group of compounds of trace elements (mineral products) except:	10
	copper oxide, manganous oxide, zinc oxide and manganous sulphate monohydrate	30
	additives belonging to the functional groups of binders and anti-caking agents	2
	Premixtures	15
	mineral feedstuffs (mineral products) containing less than 7% phosphorus	5

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)
	containing 7% or more phosphorus	0.75 per 1% phosphorus with a maximum of 7.5
	Complementary feedstuffs (supplements/concentrates) for pet animals	2
	Other complementary feedstuffs (supplements/concentrates)	0.5
	Complete feedstuffs (animal feed) for cattle, sheep, goats, pigs and poultry and feedstuffs for fish except:	1
	complete feedstuffs (animal feed) for pets	2
	Complete feedstuffs (animal feed) for calves, lambs and kids	0.5
7. Copper	Feed for free-range meat pigs	150
	Piglets up to 70 days	250
	Bovine before the start of rumination	15
	Milk replacers	25
	Bovines	35
	Other complete feedstuffs:	
	Ovine	22
	Fish	25
	Crustaceans	50
	Other species	30
8. Nickel	Fodder fats	50 (based on fat)
9. Zinc	Feed for free-range meat pigs	250
	Piglets up to 70 days	3100
	Pet animals	250
	Fish	200
	Milk replacers	200
	Other species	150
10. Nitrosamines		
10.1 Nitrosodiethylamine		1
10.2 Nitrosodimethylamine		1
11. Melamine, melame, meleme, ammeline, ammelide and cyanuric acid	Feed ingredients and complete feed for livestock with the exception of:	2.5
11.1 Melamine	Feedstuffs for dairy cattle	2.0
	Feed ingredients and complete pet food	2.5
SECTION II: MYCOTOXINS		

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)
1. Aflatoxin B1	Feed ingredients with the exception of:	0.05
	groundnut, copra, palm-kernel, cotton seed, maize and products derived from the processing thereof	0.02
	Complete animal feed for cattle, sheep and goats with the exception of:	0.05
	dairy cattle	0.005
	calves and lambs	0.01
	complete feeds for pigs and poultry (except young animals)	0.02
	other complete animal feed (including pets)	0.01
	Maize products intended for feedlot	0.3
	Supplement/concentrates for cattle, sheep and goats (except for dairy animals, calves and lambs)	0.05
2. Deoxynivalenol (DON)	Feedstuffs on full ration basis for:	
	Pigs	1
	Cattle	5
	Calves up to 4 months	2
	Dairy cattle	3
	Poultry	4
	Pets	1
3. Fumonisin B1	Feedstuffs on full ration basis for:	
	Horses and pets	5
	Pigs	10
	Beef and poultry	50
	Fish	10
4. Ochratoxin A	Feedstuffs on full ration basis for:	
	Pigs	0.05
	Poultry	0.2
5. Zearalenone	Feedstuffs on full ration basis for:	
	Sows and pigs	5
	Piglets	3
	Calves and dairy cattle	0.5

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)
7. Rye ergot (alkaloids) (<i>Claviceps purpurea</i>)	All animal feeds containing unground cereals	1 000
Section III – DIOXINS AND PCBs		
1. Dioxins [sum of polychlorinated dibenzo-para-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs)]***	Feed material of plant origin with the exception of vegetable oils and their by-products	0.75 ng WHO-PCDD/F-TEQ/kg(®)(****)
	Vegetable oils and their by-products	0.75 ng WHO-PCDD/F-TEQ/kg(®)(****)
	Feed materials of mineral origin	1.0 ng WHO-PCDD/F-TEQ/kg(®)(****)
	Animal fat, including milk fat and egg fat	2.0 ng WHO-PCDD/F-TEQ/kg(®)(****)
	Other land animal products including milk and milk products and eggs and egg products	0.75 ng WHO-PCDD/F-TEQ/kg(®)(****)
	Fish oil	6.0 ng WHO-PCDD/F-TEQ/kg(®)(****)
	Fish, other aquatic animals, their products with the exception of fish oil and fish protein hydrolysates containing more than 20% fat##	1.25 ng WHO-PCDD/F-TEQ/kg(®)(****)
	Fish protein hydrolysates containing more than 20% fat	2.25 ng WHO-PCDD/F-TEQ/kg(®)(****)
	The additives kaolinic clay, calcium sulphate dehydrate, vermiculite, natrolitephonolite, synthetic calcium aluminates, and clinoptilolite of sedimentary origin belonging to the functional group of binders and anti-caking agents	0.75 ng WHO-PCDD/F-TEQ/kg(®)(****)
	Additives belonging to the functional group of compound trace elements	1.0 ng WHO-PCDD/F-TEQ/kg(®)(****)
	Premixture	1.0 ng WHO-PCDD/F-TEQ/kg(®)(****)
	Compound feedstuffs, with the exception of feed for fur animals, pet foods and feed for fish	0.75 ng WHO-PCDD/F-TEQ/kg(®)(****)
	Feed for fish, pet foods	2.25 ng WHO-PCDD/F-TEQ/kg(®)(****)
2. Sum of dioxins and dioxin like PCBs [sum of polychlorinated	Feed material of plant origin with the exception of vegetable oils and their by-products	1.25 ng WHO-PCDD/F-PCB-TEQ/kg(****)

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)
dibenzo-para-dioxins (PCDDs), polychlorinated biphenyls (PCBs)]***	Vegetable oils and their by-products	1.5 ng WHO-PCDD/F-PCB-TEQ/kg(****)
	Feed material of mineral origin	1.5 ng WHO-PCDD/F-PCB-TEQ/kg(****)
	Animal fat, including milk fat and egg fat	3.0 ng WHO-PCDD/F-PCB-TEQ/kg(****)
	Other land animal products including milk and milk products and eggs and egg products	1.25 ng WHO-PCDD/F-PCB-TEQ/kg(****)
	Fish oil	24.0 ng WHO-PCDD/F-PCB-TEQ/kg(****)
	Fish, other aquatic animals, their products and by-products with the exception of fish oil and fish protein hydrolysates containing more than 20% fat##	4.5 ng WHO-PCDD/F-PCB-TEQ/kg(****)
	Fish protein hydrolysates containing more than 20% fat	11.0 ng WHO-PCDD/F-PCB-TEQ/kg(****)
	The additives kaolinitic clay, calcium sulphate hydrate, <i>vermiculite</i> , <i>natrolite</i> <i>phonolite</i> , synthetic calcium aluminates and clinoptilolite of sedimentary origin belonging to the functional groups of binders and anti-caking agents	1.5 ng WHO-PCDD/F-PCB-TEQ/kg(****)
	Additives belonging to the functional group of compound and trace elements	1.5 ng WHO-PCDD/F-PCB-TEQ/kg(****)
	Premixture	1.5 ng WHO-PCDD/F-PCB-TEQ/kg(****)
	Compound feedstuffs, with the exception of feed for fur animals, pet foods and feed for fish	1.5 ng WHO-PCDD/F-PCB-TEQ/kg(****)
Feed for fish, pet foods	7.0 ng WHO-PCDD/F-PCB-TEQ/kg(****)	
SECTION IV: INHERENT PLANT TOXINS		
1. Hydrocyanic acid	Feed ingredients with the exception of:	50
	Linseed	250
	Linseed cakes	350
	Manioc products and almond cakes	100
	Complete feeds	50

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)
2. Hydrocarbons (C10 – C40)	Animal fats, with the exception of:	400
	Raw fish oil	3000
	Vegetable oil (except sunflower oil)	400
	Sunflower oil and sunflower fatty acids	1000
	Vegetable fatty acids incl. mixes of fatty acids (except sunflower fatty acids)	3000
	Complete feeds for chickens	10
3. Free gossypol	Feed ingredients with the exception of:	20
	cotton seed cakes	1 200
	cotton seed	5 000
	Complete animal feeds with the exception of:	20
	complete feeds for cattle, sheep and goats	500
	complete feeds for poultry (except laying hens) and calves	100
	complete feeds for rabbits and pigs (except piglets)	60
4. Theobromine	Complete animal feeds with the exception of:	300
	complete feeds for adult cattle	700
	Complete animal feed for pigs	200
	Complete animal feed for dogs, rabbits, horses and fur animals	50
5. Volatile mustard oil	Feed ingredients with the exception of:	100
	rape seed cakes	4 000 (expressed as allyl isothiocyanate)
	Complete animal feeds with the exception of:	150 (expressed as allyl isothiocyanate)
	complete feeds for cattle, sheep and goats (except young animals)	1 000 (expressed as allyl isothiocyanate)
	complete feeds for pigs (except piglets) and poultry	500 (expressed as allyl isothiocyanate)
6. Vinyl thioxazolidone (5-vinyloxazolidine-2- thione)	Complete feeds for poultry with the exception of:	1 000
	complete feeds for laying hens	500
7. Weed seeds and unground and uncrushed fruit containing alkaloids, glucosides or other toxic	All animal feeds	3 000

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)
substances separately or in combination including		
(a) <i>Lolium temulentum</i> L,		1 000
(b) <i>Lolium remotum</i> Schrank,		1 000
(c) <i>Datura stramonium</i> L.(++)		1 000
8. Seeds and husks from <i>Ricinus communis</i> L., <i>Croton tiglium</i> L. and <i>Arbus precatorius</i> L. as well as their processed derivatives (****), separately or in combination	All animal feeds	10
9. <i>Crotalaria</i> spp.	All animals feeds	100
SECTION V: ORGANOCHLORINE COMPOUNDS AND OTHER PESTICIDES^{@@}		
1. Aldrin singly or combined expressed as dieldrin	All animal feeds with the exception of:	0.01
	fats	0.02
	Cattle	0.05
	Laying hen	0.025
	Broiler	0.025
2. Camphechlor (Toxaphene)	All animal feeds	0.1
3. Chlordane (sum of cis-and trans-isomers and of oxychlordane, expressed as chlordane)	All animal feeds with the exception of:	0.02
	Fats	0.05
	Feedstuff for fish	0.05
4. 2,4-Dichlorophenoxyacetic acid	Feedstuff for poultry	18
	goats	480
5. Endosulfan (sum of alpha- and beta-isomers and of endosulfansulphate expressed as endosulfan)	All animal feeds with the exception of:	0.1
	maize	0.2
	oilseeds	0.5
	complete feeds for fish	0.005
6. Endrin (sum of endrin and delta-ketoi-endrin, expressed as endrin)	All animal feeds with the exception of:	0.01
	fats	0.05
7. Heptachlor (sum of heptachlor and of heptachlor-epoxide, expressed as heptachlor)	All animal feeds with the exception of:	0.01
	fats	0.2
8. Hexachlorobenzene (HCB)	All animal feeds with the exception of:	0.01
	fats	0.2

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)
9. Hexachlorocyclo-hexane (HCH)	All animal feeds with the exception of fat	0.02
9.1 alpha-isomer	All animal feeds with the exception of:	0.02
	fats	0.2
9.2 beta-isomer	Compound animal feed with the exception of:	0.01
	feedstuffs for dairy cattle	0.005
	Feed ingredients with the exception of:	0.01
	fats	0.1
9.3 gamma-isomer	Feed ingredients with the exception of:	0.2
	fats	2.0
10. Parathion	Protein concentrates for pigs and poultry	3
SECTION VI – MICROBIOLOGICAL CONTAMINANTS		
1. Total mould count	Feed ingredients and complete feed for all species	5000 cfu/g
2. <i>Escherichia Coli</i> 0157:H7	Feed ingredients and complete feed for all species	10 cfu/g
3. <i>Enterobacteriaceae</i> TEC	Feed ingredients and complete feed for all species	1000 cfu/g
4. <i>Salmonella</i> in 25g	Feed ingredients and complete feed for all species	Absent
5. <i>Clostridium perfringens</i>	Feed ingredients and complete feed for all species	10 cfu/g
6. <i>Clostridium botulinum</i>	?	?
SECTION VII – AUTHORISED FEED ADDITIVES IN NON-TARGET FEED FOLLOWING UNAVOIDABLE CARRY-OVER		
1. Lasalocid sodium (carry over limit)	Feed materials	1.25
	Compound feed for- Dogs, calves, rabbits, equine species, dairy animals, laying birds, turkeys (>16 weeks) and chickens reared for laying (>16 weeks)	1.25
	Chickens for fattening, chickens reared for laying (<16 weeks) and turkeys (< 16 weeks) for the period before slaughter in which the use of lasalocid sodium is prohibited (withdrawal feed)	1.25
	Other animal species	3.75

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)
	Premixtures for use in feed in which the use of lasalocid sodium is not authorised	(+) 0,7
2. Narasin (carry over limit)	Feed materials	0,7
	Compound feed for- Turkey, rabbits, equine species, laying birds and chicken reared for laying (>16 weeks)	0,7
	Chickens for fattening for the period before slaughter in which the use of narasin is prohibited (withdrawal feed)	0,7
	Other animal species	2,1
	Premixtures for use in feed in which the use of narasin is not authorised	(+) 0,7
3. Salinomycin sodium (carry over limit)	Feed material	0,7
	Compound feed for- Equine species, turkeys, laying birds and chicken reared for laying (>12 weeks)	0,7
	Chickens for fattening, chickens reared for laying (<12weeks) and rabbits for fattening for the period before slaughter in which the use of salinomycin sodium is prohibited (withdrawal feed)	0,7
	Other animal feed	2,1
	Premixtures for use in feed in which the use of salinomycin sodium is not authorised	(+) 0,7
4. Monensin sodium (carry over limit)	Feed material	1,25
	Compound feed for - Equine species, dogs, small ruminants (sheep and goats), ducks, bovine, dairy cattle, laying birds, chickens reared for laying (>16 weeks) and turkeys (>16 weeks)	1,25
	Chickens for fattening, chickens reared for laying (<16 weeks) and turkeys (<16 weeks) for the period before slaughter in which the use of monensin sodium is prohibited (withdrawal feed)	1,25
	Other animal species	3,75

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)
	Premixtures for use in feed in which the use of monensin sodium is not authorised	(+) (+)
5. Semduramicin sodium (carry over limit)	Feed material	0,25
	Compound feed for-Laying birds and chickens reared for laying (>16 weeks)	0,25
	Chickens for fattening for the period before slaughter in which the use of semduramicin sodium is prohibited (withdrawal feed)	0,25
	Other animal species	0,75
	Premixtures for use in feed in which the use of semduramicin sodium is not authorised	(+) (+)
6. Maduramicin ammonium alpha (carry over limit)	Feed material	0,05
	Compound feed for-Equine species, rabbits, turkeys (>16 weeks), laying birds and chickens reared for laying (>16 weeks)	0,05
	Chickens for fattening and turkeys (<16 weeks) for the period before slaughter in which the use of maduramicin ammonium alpha is prohibited (withdrawal feed)	0,05
	Other animal species	0,15
	Premixtures for use in feed in which the use of maduramicin ammonium alpha is not authorised	(+) (+)
7. Robenidine hydrochloride (carry over limit)	Feed material	0,7
	Compound feed for-Laying birds and chickens reared for laying (>16 weeks)	0,7
	Chickens for fattening, rabbits for fattening and breeding and turkeys for the period before slaughter in which the use of robenidine hydrochloride is prohibited (withdrawal feed)	0,7
	Other animal species	2,1
	Premixtures for use in feed in which the use of robenidine hydrochloride is not authorised	(+) (+)

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)
8. Decoquinat (carry over limit)	Feed material	0,4
	Compound feed for-Laying birds and chickens reared for laying (>16 weeks)	0,4
	Chickens for fattening for the period before slaughter in which the use of decoquinat is prohibited (withdrawal feed)	0,4
	Other animal species	1,2
	Premixtures for use in feed in which the use decoquinat is not authorised	(+)
	9. Halofuginone hydrobromide (carry over limit)	Feed material
Compound feed for-Laying birds and chickens reared for laying and turkeys (> 12 weeks)		0,03
Chickens for fattening and turkeys (< 12 weeks) for the period before slaughter in which the use of halofuginone hydrobromide is prohibited (withdrawal feed)		0,03
Other animal species		0,09
Premixtures for use in feed in which the use halofuginone hydrobromide is not authorised		(+)
10. Nicarbazin (carry over limit)		Feed material
	Compound feed for-Equine species, laying birds and chickens reared for laying (>16 weeks)	1,25
	Chickens for fattening for the period before slaughter in which the use of nacarbazin (in combination with narasin) is prohibited (withdrawal feed)	1,25
	Other animal species	3,75
	Premixtures for use in feed in which the use nicarbazin (in combination with narasin) is not authorised	(+)
	11. Diclazuril (carry over limit)	Feed material
Laying birds and chickens reared for laying (>16 weeks)		0,01

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)
	Rabbits for fattening and breeding for the period before slaughter in which the use of diclaruzil is prohibited (withdrawal feed)	0,01
	Other animal species other than chickens reared for laying (<16 weeks), chicken for fattening, guinea fowl and turkeys for fattening	0,03
	Premixtures for use in feed in which the use of diclaruzil is not authorised	(+)

SUBSTANCE, PRODUCTS	ANIMAL FEED	MAXIMUM CONTENT IN mg/kg (ppm) relative to animal feed with a moisture content of 120g/kg and for pet food with a moisture content of 100 g/kg
(1)	(2)	(3)

SECTION VIII – HARMFUL BOTANICAL IMPURITIES

SECTION VIII – HARMFUL BOTANICAL IMPURITIES		
A. Botanical impurities		
Apricots – <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)		
Wild camelina – <i>Camelina sativa</i> (L.) Crantz		
Mowrah, Bassia, Madhuca – <i>Madhuca longifolia</i> (L.) Macbr. (= <i>Bassia longifolia</i> L. = <i>Illipe malabroum</i> Eng1.) <i>Madhuca indica</i> Gmelin (= <i>Bassia latifolia</i> (Roxb.) = <i>Illipe latifolia</i> (Roscb.) F. Mueller)	All animal feeds	Seeds and fruit of the plant species listed opposite as well their processed derivatives may only be present in feed ingredients in trace quantities not quantitatively determinable.
Purghera – <i>Jatropha curcas</i> L.		
Indian mustard – <i>Brassica juncea</i> (L.) Czern. and Coss.ssp. <i>juncea</i>		
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>Junica</i> var <i>lutea</i> Batelin		
Black mustard – <i>Brassica nigra</i> (L.) Koch		
Ethiopian mustard – <i>Brassica carinata</i> A. Braun		

* Upon request of the competent authorities, the responsible operator must perform an analysis to demonstrate that the content of inorganic arsenic is lower than 2 ppm. This analysis is of particular importance for the seaweed species *Hizikia fusiforme*.

- ** Maximum levels refer to an analytical demonstration 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 equal extraction efficiency.
- *** Expressed in World Health Organisation (WHO) toxic equivalence, using the WHO-TEFs (toxic equivalency factors, 1997 (#).
- **** Upper-bound concentrations; upper-bound concentrations are calculated on the assumption that all values of the different congeners
- **** In so far determinable by analytical microscopy.
- # WHO-TEFs for human risk assessment based on the conclusions of the World Health Organisation's meeting, Sweden, 15-18 June 1997 (van den Berg et al., (1998) Toxic Equivalency Factors (TEFs) for PCDs, and PCDDs, and PCDFs for humans and for wildlife. *Environments Health Perspectives*, 106(12),755.
- (@) The separate maximum level for dioxins (PCDD/F) remains applicable for a temporary period. The products indicated for animal feed mentioned in point 27a have to comply both with the maximum levels for dioxins and the maximum levels for the sum of dioxins and dioxin-like PCBs during that temporary period.
- (##) Fresh fish directly delivered and used without intermediate processing for the production of feed for fur animals is not subject to the maximum levels, while maximum levels of 4.0 ng WHO-PCDD/F-TEQ/kg product and 8.0 ng WHO-PCDD/F-PCB-TEQ/kg product are applicable to fresh fish used for the direct feeding of pet animals, zoo and circus animals. The products, processed animal proteins produced from these animals (fur animals, pet animals, and zoo and circus animals) cannot enter the food chain and cannot be fed to farmed animals which are kept, fattened or bred for the production of food.
- (+) The maximum level of the substance in the premixture is the concentration which shall not result in a level of the substance higher than 50% of the maximum levels established in the feed when the instructions for use of the premixture are followed.
- (++) The International Association of Feedingstuff Analysis method, IAG-Method A3, should be used for the qualitative and quantitative determination of *Datura spp.* in Animal Feedingstuffs.
- (@@) Pesticides and other organochlorine compounds must comply with the latest list of the "Codex general standard for contaminants and toxins in food and feed" of the Codex Alimentarius Commission (Joint Food and Agriculture Organisation of the United Nations/World Health Organisation Food standards programme Codex committee on contaminants in food) or the "Directives of the European Community".

Amendment and repeal of certain regulations

3. The following Regulations are hereby repealed in as much as they apply to farm feeds undesirable substances-

Regulations relating to Farm Feeds published under Government Gazette Notice No.R1087 of 03 November 2006

Regulations relating to Farm Feeds published under Government Gazette Notice No. R. 70 of 12 February 2010

Regulations relating to Farm Feeds published under Government Gazette Notice No. R. 552 of 25 June 2010

Regulations relating to Farm Feeds published under Government Gazette Notice No. R. 789 of 10 September 2010