



Contaminant Specifications

27 July 2016

TITLE

Animal Products Notice: Contaminant Specifications

COMMENCEMENT

This Animal Products Notice comes into force on 1 August 2016.

REVOCATION

This Animal Products Notice revokes and replaces Animal Products (Contaminant Specifications) Notice 2008, issued 20 June 2008.

ISSUING AUTHORITY

This Animal Products Notice is issued pursuant to section 167(1) (h) of the Animal Products Act 1999 and having had regard to the matters specified in section 44(7) of that Act. This Notice sets specifications and other detailed requirements that are necessary and desirable to give effect to, and amplify, regulations 6 and 15 of the Animal Products Regulations 2000.

Dated at Wellington this 27th day of July 2016.

[signed]

Allan Kinsella
Director, Systems Audit, Assurance and Monitoring.
Ministry for Primary Industries
(acting under delegated authority of the Director-General)

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Introduction

This introduction is not part of the Animal Products Notice, but is intended to indicate its general effect.

Purpose

The purpose of this Notice is to set exogenous contaminant specifications for animal material and animal products intended for human consumption.

Background

The Exogenous Contaminant Specifications are established under the Animal Products Act 1999 for official assurance of animal material and products. The primary objective is to provide confidence to domestic consumers and export markets about the quality, safety and integrity of New Zealand animal products in relation to dietary exposure, and international contaminant standards.

Who should read this Animal Products Notice?

You should read this Notice if you are:

- a) supplying animals, fish or birds for slaughter and processing, or wild animals for processing, intended for human consumption; or
- b) a laboratory contracted to MPI for the provision of exogenous contaminant testing services.

Why is this important?

For the purposes of section 135(1) (c) of the Animal Products Act 1999, a failure to comply with this Notice, without reasonable excuse, is an offence.

Document History

This Animal Products Notice replaces Animal Products (Contaminant Specifications) Notice 2008, issued 20 June 2008.

Part 1: Requirements

1.1 Application

- (1) This Notice only applies to contaminants that are exogenous.
- (2) This Notice applies to the following types of animal material and animal products intended for human consumption:
 - a) mammals (including deer velvet):
 - b) birds (including eggs):
 - c) ostrich and emu (including eggs):
 - d) fish.
- (3) This Notice applies to all persons who produce or process animal material or animal products intended for human consumption under:
 - a) a registered RMP; or
 - b) regulated control scheme, other than a RCS in which MPLs have specifically been set (either in the scheme or in the overseas market access requirements in relation to which the scheme is necessary).
- (4) These persons may include, but are not limited to:
 - a) persons supplying animals, fish or birds for slaughter and processing, or wild animals for processing, intended for human consumption; or
 - b) laboratories contracted to MPI for the provision of exogenous contaminant testing services.

1.2 Definitions

- (1) In this Notice, unless the context requires otherwise,:

agricultural compound has the same meaning as in the Agricultural Compounds and Veterinary Medicines Act 1997;

contaminant means the substance and all derivatives of the substance including conversion products, metabolites, reaction products and all associated impurities considered to be of toxicological significance;

egg means the fresh edible portion of a bird egg including the egg yolk and egg white, but does not include the shell;

exogenous means developing or originating outside an animal or part of an animal;

fat means that derived from fatty tissues and does not include processed fat;

finfish includes all species of finfish of the classes *Agnatha*, *Chondrichthyes*, and *Osteichthyes* at any stage of their life history, whether living or dead;

fish means finfish and shellfish;

meat means the muscular tissues, including adhering fatty tissues such as intramuscular and subcutaneous fat from animal material or products, which may include bones, connective tissues, tendons, nerves and lymph nodes, but does not include offal;

MPL means maximum permissible level;

offal means the edible tissues and organs, other than meat and fat, of any mammal, bird and fish, and includes the brain, thymus gland, pancreas gland, liver, spleen, kidney, heart, lung, stomach;

poultry means all domesticated birds including chicken, turkey, duck, geese, guinea-fowl or pigeon but does not include ostrich and emu;

regulations means the Animal Product Regulations 2000;

sample type means the sample of tissue, blood, retina, excretory product or other animal material taken from animal material or product specified in clause 1.1(2) of this Notice;

shellfish includes all species of the *Phylum Echinodermata* and the *Phylum Mollusca* and all species of the class *Crustacea* at any stage of their life history, whether living or dead; and

substance means:

- a) any element, defined mixture of elements, compounds, or defined mixture of compounds, either naturally occurring or produced synthetically, or any mixtures thereof;
 - b) any isotope, allotrope, isomer, congener, radical, or ion of an element or compound which is a different substance from that element or compound;
 - c) any mixtures or combinations of any of the above.
- (2) All terms or expressions that are defined in the Animal Products Act 1999 or the regulations and used, but not defined in this Notice have the same meaning as in those Acts or regulations.

Part 2: Maximum Permissible Levels

2.1 MPLs for exogenous contaminants specified in schedule 1

- (1) The MPL for the exogenous contaminants listed in column 1 of schedule 1, as measured against the substance or group of substances to which the MPL applies in column 2 of schedule 1, are set out in column 3 of schedule 1 for the animal material and animal products listed in column 4 of schedule 1.

2.2 Default MPLs

- (1) The MPL for exogenous contaminants that are listed in column 1 of schedule 1 but in relation to which an animal product or animal material is not listed in column 4 of schedule 1 is 0.01 mg/kg, if the substance or group substances against which the exogenous contaminant is measured in column 2 of schedule 1 is the named active ingredient in a registered trade name product registered under the Agricultural Compounds and Veterinary Medicines Act 1997.
- (2) The MPL for exogenous contaminants not listed in column 1 of schedule 1 is 0.001 mg/kg for animal material and animal products, unless the exogenous contaminant complies with clause 2.4.

2.3 Impact of exceeding MPL

- (1) For the purposes of this Notice, if any sample type contains an exogenous contaminant at a level greater than the MPL specified in column 3 of schedule 1, that level is deemed to be the level present in the animal material or animal product from which the sample was taken.

2.4 Exogenous contaminants and animal products exempt from MPLs

- (1) The following exogenous contaminants are exempt from MPLs:
 - a) exogenous contaminants listed in column 1 of schedule 2, as measured against the substances in column 2 of schedule 2, if the substance is:
 - i) used as described in column 3 of schedule 2; and
 - ii) used according to the conditions of registration of the trade named product containing that substance under the Agricultural Compounds and Veterinary Medicines Act 1997; or
 - b) substances generally recognised as safe under section 8B of the Agricultural Compounds and Veterinary Medicines Act 1997, when used in accordance with any applicable conditions for their sale or use; or
 - c) a maintenance compound approved by the Chief Executive under section 167 of the Act unless a limit is specified in the Food Standards Code; or
 - d) an ingredient, other than the specified active ingredient of a trade name product registered under the Agricultural Compounds and Veterinary Medicines Act 1997 unless a limit is specified in the Food Standards Code.
- (2) The following animal products or material are exempt from MPLs:
 - a) Kidney of wild game;
 - b) Kidney of poultry;
 - c) Kidney and liver of fish where these are not part of the edible portion.
- (3) Clause 2.4 overrides clauses 2.1 and 2.2.

Guidance - Amending MPLs

- The Director-General may, having had regard to the requirements of overseas markets, direct that:
 - a) an entry be made for, or amendment be made to, an MPL for a specified exogenous contaminant listed in schedule 1; or
 - b) an entry be made for, or an amendment be made to, a exogenous contaminant listed in schedule 2.
- Any person may submit information in support of an entry or amendment being made.
- Information submitted under sub-clause (2) must be in writing and directed to the Director-General.
- Information provided under sub-clause (2) must:
 - a) identify the active ingredient; and
 - b) identify the substance or group of substances to which the MPL applies; and
 - c) identify the animal material or animal product for which the MPL is sought; and
 - d) identify the markets and the MPLs in those markets; and
 - e) identify the necessary controls required, if any, that will ensure that the MPL is met using good agricultural practice.
- To avoid doubt, nothing in sub-clauses (2) to (5) requires the Director-General to make an entry for, or amend, an existing MPL or make an entry to or amend the list in schedule 2.

Part 3: Sampling Methods for Fish

3.1 Method for sampling MPL for mercury in fish

- (1) In order to determine the MPLs for mercury in fish a sample must be taken in the manner specified in section 7 of schedule 19 of the Australia New Zealand Food Standards Code, effective 1 March 2016.

Schedule 1: Maximum permissible levels for specified exogenous contaminants

NOTE: (*) indicates that the maximum residue level has been set at or about the limit of analytical quantification

Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
Abamectin	The sum of abamectin B1a, abamectin B1b and delta-8,9 isomer	0.02	Fat of cattle, goat, pig and deer
		0.015	Liver of cattle, goat, pig and deer
		0.01	Meat of cattle, goat, pig and deer
			Meat, fat and offal of any other animal
		0.02	Meat of sheep
		0.05	Fat of sheep
		0.025	Liver of sheep
0.02	Kidney of sheep		
Acepromazine	Acepromazine	0.01	Meat, fat and offal of any animal
Albendazole	The sum of albendazole, albendazole sulphoxide and albendazole sulphone as albendazole amino sulphone	0.2	Meat of sheep
		3	Offal of sheep
		0.1	Meat, fat and offal of cattle, deer and goat
Aldrin	See Dieldrin		
Alphachloralose	Alphachloralose	0.001	Meat, fat and offal of any animal
			Eggs

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Column 1	Column 2	Column 3	Column 4
Exogenous Contaminant	Substances or group of substances to which the MPL applies	MPL mg/kg, unless otherwise stated	Animal Product or animal material
Alphadolone	Alphadolone	0.001	Meat, fat and offal of any animal
Alphaxalone	Alphaxalone	0.001	Meat, fat and offal of any animal
Altrogenest (progestagenic substance)	Altrogenest	0.005	Meat, fat and offal of any animal
Aminopyralid	Aminopyralid	0.3	Mammalian kidney
		0.01	Mammalian liver
			Mammalian fat
			Mammalian meat
Amitraz	The sum of amitraz and all its metabolites containing the 2,4- dimethylamitraz moiety, expressed as amitraz	0.3	Fat of cattle
		0.1	Meat, fat and offal of cattle
			Meat, fat and offal of any other animal
Amoxicillin	Amoxicillin	0.05	Meat, fat and offal of any animal
Ampicillin	Ampicillin	0.05	Meat, fat and offal of any animal
Amprolium	Amprolium	0.5	Meat of poultry, ostrich and emu
		0.1	Fat and liver of poultry, ostrich and emu
		4	Eggs
Apramycin	Apramycin	0.05	Fat and meat of poultry
		0.5	Liver of poultry
		0.1	Meat, fat and offal of pigs

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Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
			Meat of ostrich and emu
			Liver of ostrich and emu
Arsenic	Inorganic arsenic	2	Muscle meat of fish (except shellfish)
		1	Shellfish
		0.5	Offal of any other animal
		0.1	Meat of any other animal
			Eggs
Arsanilic acid	Arsanilic acid	0.001	Meat, fat and offal of cattle, sheep, goats and deer
Avilamycin	Avilamycin	0.1	Meat, fat and liver of poultry
			Meat, fat and offal of pigs
Azaperone	The sum of azaperone and azaperol	0.05	Meat, fat and offal of any animal
Bacitracin	Sum of bacitracin A, B and C	0.1	Meat, fat and offal of any animal
Baquiloprim	Baquiloprim	0.3	Liver of cattle
		0.01	Fat of cattle
		0.15	Kidney of cattle
		0.1	Meat of cattle
Barbiturate: 5-Ethyl-5-(1-methylbutyl)-2- thiobarbituric acid	5-Ethyl-5-(1-methylbutyl)-2- thiobarbituric acid	0.0001	Meat, fat and offal of any animal
Bendiocarb	Bendiocarb	0.1	Meat, fat and offal of cattle

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Column 1	Column 2	Column 3	Column 4
Exogenous Contaminant	Substances or group of substances to which the MPL applies	MPL mg/kg, unless otherwise stated	Animal Product or animal material
Betamethasone	The sum of betamethasone and betamethasone glucuronide as betamethasone	0.00075	Meat and kidney of cattle and pig
		0.002	Liver of cattle and pig
		0.0001	Meat and offal of any other animal
Bithionol (2,2' thio-bis dichlorophenol)	The sum of bithionol, bithionol sulphoxide and bithionol sulphone as bithionol	0.1	Meat and fat of horse
Bixafen	Bixafen plus its metabolite desmethyl bixafen expressed as bixafen	0.4	Mammalian fat
		0.3	Mammalian kidney
		0.15	Mammalian meat
		1.5	Mammalian liver
Boldenone (anabolic steroids and androgenic substances)	The sum of boldenone and boldenone glucuronide as boldenone	0.001	Meat, fat and offal of any animal
Boscalid	Boscalid	0.3	Mammalian fat
		0.3	Mammalian kidney
		0.2	Mammalian liver
Brodifacoum	Brodifacoum	0.001	Meat, fat and offal of any animal
Bromhexine	Bromhexine	0.005	Meat, fat and offal of any animal
Brotizolam	Brotizolam	0.1	Meat, liver and fat of cattle
Bupivacaine	The sum of bupivacaine and 2,6- dimethyl aniline reported as 2,6- dimethyl aniline equivalents	0.005	Meat, fat and offal of any animal
			Deer velvet
Cadmium		2.5	Kidney of cattle, sheep, pig, goat and deer

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Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
	Inorganic and organic cadmium reported as cadmium	1.25	Liver of cattle, sheep, pig, goat and deer
		0.05	Meat of cattle, sheep, pig, goat, and deer
		0.2	Meat of horse
		0.5	Liver of horse
		1	Kidney of horse
		0.1	Liver of ostrich, emu and poultry
			Meat of ostrich, emu and poultry
			Eggs
		2	Molluscs (except dredge/Bluff oysters and Queen Scallops)
		1	Cephalopods (without viscera)
0.5	Crustaceans muscle meat from appendages and abdomen. In case of crabs and crab-like crustaceans (Brachyura and Anomura) muscle meat from appendages		
Carbadox	Quinoxaline-2-carboxylic acid	0.03	Liver of pig
		0.005	Meat of pig
		0.001	Fat and kidney of pig
			Meat, fat and offal of any other animal
Carbendazim	Methyl benzimidazole 2-yl carbamate	0.1	Meat, fat and offal of any animal

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Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
Carprofen	Carprofen	1	Fat of cattle and horse
			Kidney of cattle
			Liver of cattle
		0.5	Muscle of cattle and horse
Cefquinome	Cefquinome	0.2	Kidney of cattle and pig
		0.1	Liver of cattle and pig
		0.05	Meat of cattle and pig
			Fat of cattle and pig
0.01	Meat, fat and offal of sheep, goat and deer		
Ceftiofur	Ceftiofur	1	Meat of cattle and pig
		2	Liver of cattle and pig
		6	Kidney of cattle and pig
		2	Fat of cattle and pig
		0.1	Meat and liver of poultry, ostrich and emu
			Meat, fat and offal of sheep, goat and deer
Cefuroxime	Cefuroxime	0.1	Meat, fat and offal of cattle
Cephalexin	Cephalexin	0.2	Meat, fat and liver of cattle
		1	Kidney of cattle
		0.1	Meat and offal of any other animal

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Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
Cephalonium	Cephalonium	0.1	Meat, fat and offal of cattle
Cephapirin	Cephapirin	0.1	Meat, fat and offal of cattle
Chloramphenicol	The sum of chloramphenicol and chloramphenicol glucuronide as chloramphenicol	0.0003	Meat, fat and offal of any animal
			Urine and blood of any mammal
Chlorfenvinphos	Chlorfenvinphos	0.01	Meat, fat and offal of sheep
			Meat, fat and offal of any other animal
Chloroform	Chloroform	0.001	Meat, fat and offal of any animal
Chlorpromazine	Chlorpromazine	0.001	Meat, fat and offal of any animal
Chlorpyriphos	Chlorpyriphos	1.5	Fat of sheep
		0.1	Meat and offal of sheep
		0.01	Meat, fat and offal of any other animal
Chlortetracycline	See tetracyclines		
Cholecalciferol	Cholecalciferol	0.001	Meat, fat and offal of any animal
Cimaterol (β -sympathomimetic agent)	Cimaterol	0.0001	Meat, fat and offal of any animal
			Urine, bile, blood and retina of any mammal
Clanobutin	Clanobutin	0.1	Meat, fat and offal of sheep, cattle, and pig
			Meat and fat of horse
Clavulanic acid	Clavulanic acid reported as its potassium salt	0.1	Meat, fat and offal of any animal
	Clenbuterol	0.0001	Meat, fat and offal of any animal

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Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
Clenbuterol (β -sympathomimetic agent)			Urine, bile, blood and retina of any mammal
Clethodim	Clethodim	0.1	Meat, fat and offal of any animal
Clopidol	Clopidol	2	Meat of poultry
		5	Liver of poultry
Cloprostenol (prostaglandin substance)	Chloprostenol	0.001	Meat, fat and offal of any animal
Clorsulon	Clorsulon	0.02	Meat, fat and offal of cattle
Closantel	Closantel	1.5	Muscle and liver of sheep
		5	Kidney of sheep
		2	Fat of sheep
		3	Kidney and fat of cattle
		1	Liver and muscle of cattle
Clothianidin	Clothianidin	0.01	Mammalian fat
			Mammalian kidney
			Mammalian meat
		0.02	Mammalian liver
Cloxacillin	Cloxacillin	0.1	Meat, fat and offal of any animal
Colchicine	Colchicine	0.001	Meat, fat and offal of any animal
Coumaphos	Coumaphos	0.5	Fat of cattle, goat, horse, pig and sheep

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Column 1	Column 2	Column 3	Column 4
Exogenous Contaminant	Substances or group of substances to which the MPL applies	MPL mg/kg, unless otherwise stated	Animal Product or animal material
		0.1	Meat, fat and offal of any other animal
Coumatetryl	Coumatetryl	0.001	Meat, fat and offal of any animal
			Eggs
Cyantraniliprole	Cyantraniliprole	0.01(*)	Mammalian fat
		0.01(*)	Mammalian kidney
		0.01(*)	Mammalian liver
		0.01(*)	Mammalian meat
Cyhalothrin	The sum of the geometrical isomers of cyhalothrin	0.5	Fat of sheep and cattle
		0.2	Meat and offal of sheep and cattle
		0.1	Meat, fat and offal of any other animal
Cypermethrin (including any of the isomers as a single substance)	The sum of the geometrical isomers of cypermethrin	0.2	Fat of sheep, goat, cattle, pig, deer and horse
		0.02	Meat and offal of sheep, goat, cattle, pig, and deer
			Meat of horse
			Meat, fat and offal of any other animal
		0.1	Meat, fat and liver of poultry
0.05	Meat, fat and liver of ostrich and emu		
Cyromazine	The sum of cyromazine plus and melamine	0.15	Fat of poultry
			Meat and eggs of poultry
		0.3	Meat, fat and offal of sheep

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Column 1	Column 2	Column 3	Column 4
Exogenous Contaminant	Substances or group of substances to which the MPL applies	MPL mg/kg, unless otherwise stated	Animal Product or animal material
		0.1	Meat, fat and offal of goat Eggs of ostrich and emu Liver of poultry
Dapsone	Dapsone	0.001	Meat, fat and offal of any animal
DDT DDE DDD	The sum of DDT, DDE & DDD	5	Fat of any animal
		0.5	Eggs
		0.1	Meat and offal of any animal
Decoquate	Decoquate	0.2	Poultry meat
		0.8	Poultry offal
		0.4	Poultry skin/fat
		0.1	Meat, fat and offal of any other animal
Delmadione (progestagenic substance)	Delmadione	0.004	Meat, fat and offal of any animal
Deltamethrin	The sum of the geometrical isomers of deltamethrin	0.05	Fat of cattle
		0.2	Meat, fat and offal of cattle
			Meat, fat and offal of any other animal
Derquantel	Derquantel	0.1	Sheep fat
		0.1	Sheep meat
		0.1	Sheep offal

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Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
Detomidine	Detomidine	0.1	Meat, fat and offal of cattle
			Meat and fat of horse
		0.01	Meat, fat and offal of any other animal
Dexamethasone	The sum of dexamethasone and dexamethasone glucuronide as dexamethasone	0.0005	Meat and kidney of cattle and pig
			Meat of horse
		0.0025	Liver of cattle, horse and pig
		0.0001	Meat, fat and offal of any other animal
Diazepam	Diazepam	0.01	Meat, fat and offal of any animal
Diazinon	Diazinon	0.7	Mammalian fat
		0.1	Meat, fat and offal of any mammal
		0.01	Meat, fat and offal of any other animal
Trans-4-(3, 5 dibromo-2-hydroxybenzylamino) cyclohexanol and/or its hydrochloride salt	Trans-4-(3, 5 dibromo-2- hydroxybenzylamino) cyclohexanol	0.1	Meat and fat of horse
Dichlorvos	Dichlorvos	0.02	Meat and fat of horse
Dicloxacillin	Dicloxacillin	0.1	Meat, fat and offal of any animal
Dicyclanil	The sum of dicyclanil plus and 2,4,6 triamino pyrimidine-5-carbonitrile	0.15	Fat of sheep
		0.2	Meat of sheep
		0.4	Kidney and liver of sheep

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Column 1	Column 2	Column 3	Column 4
Exogenous Contaminant	Substances or group of substances to which the MPL applies	MPL mg/kg, unless otherwise stated	Animal Product or animal material
		0.05	Meat, fat and offal of any other animal
Dieldrin	The sum of dieldrin and aldrin	0.2	Fat of any mammal, poultry, ostrich and emu
		0.1	Meat, fat and offal of any other animal
Dienoestrol (oestrogenic substance)	The sum of dienioestrol and dienioestrol glucuronide as dienioestrol	0.0001	
Diethylstilbestrol	The sum of diethylstilbestrol and diethylstilbestrol glucuronide as diethylstilbestrol	0.0001	Meat, fat and offal of any animal
			Urine and bile of any mammal
Diflubenzuron	Diflubenzuron	0.1	Meat, fat and offal of sheep
		0.01	Meat, fat and offal of any other animal
Dihydrostreptomycin	Sum of streptomycin and dihydrostreptomycin	0.5	Meat of cattle, pig, sheep and poultry
			Fat of cattle, pig, sheep and poultry
			Liver of cattle, pig, sheep and poultry
		1	Kidney of cattle, pig and sheep
0.1	Meat, fat and offal of any other animal		
Dimetridazole	The sum of dimetridazole and 1-methyl 2-hydroxymethyl 5-nitroimidazole	0.1	Meat, fat and offal of pig
		0.0001	Meat, fat and offal of any other animal
3,5-dinitro-o-toluamide	3,5-dinitro benzoic acid	3	Meat, fat and liver of poultry
Dinoprost (prostaglandin substance)	Dinoprost	0.001	Meat, fat and offal of any animal
Diphacinone	Diphacinone	0.001	Meat, fat and offal of any animal

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<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
			Eggs
Dipyron	Dipyron	1	Meat and offal of pig
		0.001	Meat, fat and offal of any other animal
Dioxins (polychlorinated dioxins & dibenzofurans) See Note 1	Dioxins as listed in the annex to the table	0.9 pg/g TEQ	Meat and fat of mammals and birds
		4 pg/gm TEQ	Muscle meat of fish including eel
Domperidone	Domperidone	0.001	Meat of horse
Doramectin	Doramectin	0.01	Meat of cattle, goat and pig
			Meat, fat and offal of any other animal
		0.03	Kidney of cattle, sheep, goat and deer and pig
		0.15	Fat of cattle, sheep, goat and pig
		0.05	Liver of deer
		0.1	Fat of deer
			Liver of cattle, sheep, goat and pig
		0.02	Meat of sheep and deer
Doxycycline	See tetracyclines		
Eltanac	Eltanac	0.01	Meat, fat and offal of any animal
Enrofloxacin	Enrofloxacin and ciprofloxacin as enrofloxacin	0.1	Meat and fat of cattle and pig
		0.2	Kidney of cattle
		0.3	Kidney of pig

NOTE: (*) indicates that the maximum residue level has been set at or about the limit of analytical quantification

Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
		0.3	Liver of cattle
		0.2	Liver of pig
		0.001	Meat, fat and offal of any other animal
Eprinomectin	Eprinomectin B1a	0.05	Meat of cattle
		1.5	Liver of cattle
		0.3	Kidney of cattle
		0.25	Fat of cattle
		0.01	Meat, fat and offal of deer
Erythromycin	Erythromycin as free base	0.1	Meat, fat and offal of any animal
Ethinylestradiol (oestrogenic substance)	The sum of ethinylestradiol and ethinylestradiol glucuronide as ethinylestradiol	0.001	Meat, fat and offal of any animal Urine, blood and bile of any animal
Ethyl estrenol (anabolic steroid & androgenic substance)	The sum of ethyl estrenol and ethyl estrenol glucuronide as ethyl estrenol	0.0001	Meat, fat and offal of any animal Urine, blood and bile of any animal
Etiproston (prostaglandin)	Etiproston	0.001	Meat, fat and offal of any animal
Famphur	Famphur	0.1	Meat, fat and offal of any animal
Febantel	See Fenbendazole		
Fenbendazole	The sum of fenbendazole, oxfendazole and fenbendazole sulphone as fenbendazole sulphone	0.05	Mammalian fat
		0.05	Mammalian kidney
		0.5	Mammalian liver

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Column 1	Column 2	Column 3	Column 4
Exogenous Contaminant	Substances or group of substances to which the MPL applies	MPL mg/kg, unless otherwise stated	Animal Product or animal material
		0.05	Mammalian muscle
		0.1	Meat, fat, offal and eggs of any other animal
Fenoxaprop-p-ethyl	The sum of fenoxaprop-p-ethyl (all isomers), 2-(4-{6-chloro-2- benzoxazolyloxy}-phenoxy)-propionic acid and 6-chloro-2,3-dihydrobenzoxazolol-2-one expressed as fenoxaprop-p-ethyl	0.02	Meat and fat of cattle, sheep and goat
		0.05	Offal of cattle, sheep and goat
Fenpropidin	Fenpropidin	0.01	Mammalian fat
		0.02	Mammalian kidney
		0.03	Mammalian liver
		0.01	Mammalian muscle
Fenpropimorph	Fenpropimorph	0.1	Mammalian kidney
		1	Mammalian liver
Fentanyl	Fentanyl	0.005	Meat, fat and offal of cattle and deer
			Deer velvet
Flavomycin	Flavomycin	0.1	Meat, liver and fat of poultry
Flocoumaphen	Flocoumaphen	0.001	Meat, fat and offal of any animal
Florfenicol	The sum of the free and tissue bound forms of: florfenicol alcohol, monochloro-florfenicol,	0.1	Meat of pig, cattle, deer and poultry
			Meat, fat and offal of any other animal
		3	Liver of pig, cattle, deer and poultry

NOTE: (*) indicates that the maximum residue level has been set at or about the limit of analytical quantification

Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
	florfenicol oxamic acid, florfenicol amine as florfenicol amine	0.3	Kidney of pig, cattle and deer Fat of pig, cattle, deer and poultry
Flubendazole	The sum of flubendazole and (2-amino- 1H-benzimidazole-5-yl)- (4-fluorophenyl methanone)	0.5	Liver of poultry
		0.1	Offal of pig, ostrich and emu
		0.4	Eggs of poultry, ostrich and emu
		0.05	Meat and fat, of pig, poultry, ostrich and emu
Flugestone (progestagenic substance)	Flugestone	0.001	Meat, fat and offal of any animal
Flumethrin	Flumethrin (sum of trans Z isomers)	0.01	Meat and kidney of cattle and sheep Meat, fat and offal of any other animal
		0.02	Liver of cattle and sheep
		0.1	Fat of goat and deer
		0.15	Fat of cattle and sheep
Flunixin	Flunixin and 5-hydroxy flunixin as flunixin	0.02	Meat of cattle Fat of horse
		0.03	Fat and liver of cattle Kidney of pig
		0.1	Kidney of cattle
		0.05	Meat of pig

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Column 1	Column 2	Column 3	Column 4
Exogenous Contaminant	Substances or group of substances to which the MPL applies	MPL mg/kg, unless otherwise stated	Animal Product or animal material
		0.01	Fat of pig
		0.2	Liver of pig
		0.01	Meat of horse
Fluopyram	Sum of fluopyram and 2-(trifluoromethyl) benzamide, expressed as fluopyram	0.1	Mammalian meat
		0.7	Mammalian offal
9-Fluoroprednisolone (corticosteroid)	9-Fluoroprednisolone	0.004	Meat, fat and offal of any animal
Fluquinconazole	Fluquinconazole	0.5	Mammalian fat
		0.1	Mammalian kidney
		0.2	Mammalian liver
		0.02(*)	Mammalian meat
Fluxapyroxad	Fluxapyroxad	0.05	Mammalian fat
		0.03	Edible offal
		0.01(*)	Mammalian meat
Framycetin	See Neomycin		
Furaltodone	The sum of free and tissue bound forms of 3-amino-5-morpholinomethyl- 2-oxizolidinone	0.0003	Meat, fat and offal of any animal
			Urine and blood of any animal
		0.0001	Eggs
Furazolidone		0.0003	Meat, fat and offal of any animal

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Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
	The sum of free and tissue bound forms of 3-amino-2-oxizolidinone	0.0001	Urine and blood of any animal Eggs
Furosemide	Furosemide	0.1	Meat, liver, kidney and fat of cattle Meat and fat of horse
Gentamycin	Gentamycin	0.05	Meat of cattle and horse
		0.1	Meat, fat and offal of pig Kidney and liver of cattle
Halofuginone	Halofuginone	0.02	Fat of cattle
		0.03	Kidney of cattle Liver of cattle
		0.01	Muscle of cattle
α , β , δ Hexachlorocyclohexanes	The sum of α , β , δ hexachlorocyclohexanes	2	Fat of any mammal, poultry, emu and ostrich
		0.1	Meat, fat and offal of any other animal
Hexestrol (oestrogenic substance)	The sum of hexestrol and hexestrol glucuronide as hexestrol	0.0001	Any animal material or product
Hygromycin	Hygromycin	0.1	Meat, liver and fat of poultry Meat, fat and offal of pig
		0.01	Meat, fat and offal of any other animal
Indomethacin	Indomethacin	0.01	Meat, fat and offal of any animal

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Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
Ivermectin	Ivermectin B1a	0.1	Liver of cattle
		0.04	Fat of cattle
		0.015	Liver of any other mammal
		0.02	Fat of any other mammal
		0.01	Meat and offal of any other animal
Kanamycin	Kanamycin	0.1	Meat, fat and offal of any animal
Ketamine	Ketamine	0.1	Meat, fat and offal of any animal
Ketoprofen	Ketoprofen	0.01	Meat, fat and offal of cattle
			Meat and fat of horse
Lasalocid or its sodium salt	Lasalocid as free acid	0.1	Meat, fat and offal of cattle
		5	Liver of poultry
		0.2	Meat and fat of poultry
Lead	Inorganic and organic lead as total lead	0.5	Offal of cattle, sheep and pig
			Liver of poultry
			Muscle meat of fish (except shellfish)
			Offal of any other animal
		0.1	Meat of cattle, sheep, pig and poultry
			Meat of any other animal
2	Shellfish		

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Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
Levamisole	Levamisole as free base	0.1	Liver
		0.01	Meat, kidney and fat of any animal
Lignocaine	The sum of lignocaine and 2,6-dimethyl aniline as 2,6-dimethyl aniline	0.005	Meat, fat and offal of any animal
		0.1	Velvet of deer
Lincomycin	Lincomycin	0.1	Meat, fat and offal of cattle, sheep and pig
			Liver of poultry
Lindane (gamma { δ } HCCH-Hexachlorocyclohexane)	Lindane	2	Fat of any mammal, poultry, emu and ostrich
		0.1	Meat of any mammal, poultry, emu and ostrich
			Meat, fat and offal of any other animal
Lutioprost (prostaglandin)	Lutioprost	0.001	Meat, fat and offal of any animal
Maduramicin	Maduramicin	0.5	Liver of poultry
		0.1	Meat and fat of poultry
Malachite green	Malachite green and leuco-malachite green	0.001	Muscle meat of fish, shellfish
Maldison (malathion)	Maldison	1	Fat of cattle, horse and pig
			Eggs
		0.5	Meat, fat and offal of any other animal
Marbofloxacin	Marbofloxacin	0.15	Meat and offal of cattle
			Kidney, liver and meat of pig
		0.05	Fat of cattle

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Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
			Fat of pig
		0.01	Meat, fat and offal of any other animal
Mebendazole	Mebendazole	0.1	Meat, fat and offal of any animal
Megestrol (progestagenic substance)	Megestrol	0.001	Meat, fat and offal of any animal
Melengestrol (progestagenic substance)	The sum of melengestrol and melengestrol glucuronide as melengestrol	0.001	Meat, fat and offal of any animal
Meloxicam	Meloxicam	0.05	Liver of cattle
		0.035	Kidney of cattle
		0.025	Meat of cattle
		0.1	Liver of pig
		0.2	Kidney of pig
		0.01	Meat of pig
Mepivacaine	Mepivacaine and 2,6 dimethyl aniline reported as 2,6 dimethyl aniline	0.005	Meat, fat and offal of any animal
Mepyramine	Mepyramine	0.01	Meat, fat and offal of any animal
Mercury	The sum of inorganic and organic mercury	0.5	Shellfish (except all species of the Phylum Echinodermata and Phylum Mollusca)
		0.5	Fish which can be sampled in accordance with the sampling specifications in clause 3.1(1) except gemfish,

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Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
			billfish (including marlin), southern bluefin tuna, ling, orange roughy, rays and all species of shark
		1	Gemfish, billfish (including marlin), southern bluefin tuna, ling, orange roughy, rays and all species of shark
			Fish for which insufficient samples are available to analyse in accordance with the sampling specifications in clause 3.1(1)
			Kidney of pig
		0.1	Liver of pig
			Liver of <i>wild</i> animals
		1.5	Kidney of <i>wild</i> animals
		0.03	Kidney and liver of any other mammal or bird excluding pig and <i>wild</i> animals
		0.01	Mammalian meat
Methandriol (anabolic steroid & androgenic substance)	The sum of methandriol and methandriol glucuronide as methandriol	0.0001	Meat, fat and offal of any animal
			Urine, blood and bile of any mammal
Methylprednisolone (corticosteroid)	Methylprednisole	0.01	Meat, fat and offal of any animal
Methyltestosterone (anabolic steroid & androgenic substance)	The sum of methyltestosterone and methyltestosterone glucuronide as methyl testosterone	0.0001	Meat, fat and offal of any mammal
			Urine, blood and bile of any mammal
	Methyl thiouracil	0.1	Meat, fat and offal of any animal

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Column 1	Column 2	Column 3	Column 4
Exogenous Contaminant	Substances or group of substances to which the MPL applies	MPL mg/kg, unless otherwise stated	Animal Product or animal material
Methyl thiouracil (thyrostatic agent)			Urine, blood and thyroid gland of any mammal
Monensin	Monensin (free acid)	0.05	Fat of cattle, sheep, goat and poultry
Monepantel	Monepantel-sulphone	7	Goat fat
		2	Goat kidney
		5	Goat liver
		0.7	Goat meat
		7	Sheep fat
		2	Sheep kidney
		5	Sheep liver
		0.7	Sheep meat
Morantel	Morantel	0.1	Meat, fat and offal of pig
			Meat and fat of horse
Moxidectin	Moxidectin	0.02	Meat of cattle and deer
		0.05	Meat of sheep
			Kidney of cattle, deer and sheep
		0.1	Liver of cattle, deer and sheep
0.5	Fat of cattle, deer and sheep		
Nafcillin	Nafcillin	0.1	Meat, fat and offal of any animal

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Column 1	Column 2	Column 3	Column 4
Exogenous Contaminant	Substances or group of substances to which the MPL applies	MPL mg/kg, unless otherwise stated	Animal Product or animal material
Naloxone	Naloxone	0.001	Meat, fat and offal of any animal
Nandrolone (anabolic steroid & androgenic substances)	The sum of nandrolone and nandrolone glucuronide as nandrolone	0.0001	Meat, fat and offal of any animal
			Urine and bile of any animal
Narasin	Narasin	0.5	Liver of poultry
Natamycin	Natamycin	0.1	Meat, fat and offal of any animal
Neomycin	Neomycin	0.5	Meat, fat of any animal
			Liver of any animal
			Eggs
		5	Kidney of any animal
Nicarbazin	1,3-N,N'-bis (4-nitrophenyl) urea as nicarbazin	15	Poultry edible offal
		4	Poultry muscle
		4	Poultry skin/fat
Nitrofurazone	The sum of the free and tissue bound semicarbazide	0.0003	Meat, fat and offal of any animal
			Eggs
			Urine and blood of any animal
Nitrofurantoin	The sum of free and tissue bound 1-aminohydantoin	0.0005	Meat, fat and offal of any animal
			Urine and blood of any animal
		0.0003	Eggs
Nitroxynil	Nitroxynil	0.2	Cattle fat

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Column 1	Column 2	Column 3	Column 4
Exogenous Contaminant	Substances or group of substances to which the MPL applies	MPL mg/kg, unless otherwise stated	Animal Product or animal material
		0.4	Cattle kidney
		0.02	Cattle liver
		0.4	Cattle meat
		0.1	Meat, fat and offal of any other animal
Norgestomet (progestagenic substance)	Norgestomet	0.001	Meat, fat and offal of any animal
Novobiocin	Novobiocin	0.1	Meat, fat and offal of any animal
Oestradiol 17- β	The sum of oestradiol 17- β and oestradiol 17- β glucuronide as oestradiol 17- β	0.0001	Any animal product or material
Oleandemycin	Oleandemycin (free base)	0.1	Meat, fat and offal of any animal
Oxfendazole	The sum of fenbendazole, oxfendazole and fenbendazole sulphone as fenbendazole sulphone	0.05	Mammalian fat
		0.05	Mammalian kidney
		0.5	Mammalian liver
		0.05	Mammalian muscle
		0.1	Meat, fat, offal and eggs of any other animal
Oxibendazole	Oxibendazole	0.5	Eggs of poultry
		0.1	Eggs of ostrich and emu
			Meat, fat and liver of poultry, ostrich and emu
			Meat and fat of horse

NOTE: (*) indicates that the maximum residue level has been set at or about the limit of analytical quantification

Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
Oxyclozanide	Oxyclozanide	0.1	Meat, liver, kidney and fat of cattle and sheep
Oxytetracycline	See tetracyclines		
Penicillins, either, or any combination of: Phenoxy-, Potassium, Benzyl- or Phenethyl- penicillin	Phenoxy-, potassium, benzyl- or phenethyl-penicillin separately as the individual named substance	0.05	Meat, fat and offal of any animal
Pentobarbitone	Pentobarbitone	0.0001	Meat, fat and offal of any animal
Permethrin	Permethrin	0.1	Meat and fat of horse
Phenylbutazone	Phenylbutazone	0.001	Meat, fat and offal of any animal
Phenyl thiouracil (thyrostatic agent)	Phenyl thiouracil	0.02	Meat, fat and offal of any animal
			Urine, blood and thyroid gland of any mammal
Phosphine	Phosphine	0.01	Meat, fat and offal of any animal
			Eggs
Picoxystrobin	Picoxystrobin	0.01	Mammalian fat
			Mammalian kidney
			Mammalian liver
			Mammalian meat
Pindone	Pindone	0.001	Meat, fat and offal of any animal
			Eggs

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Column 1	Column 2	Column 3	Column 4
Exogenous Contaminant	Substances or group of substances to which the MPL applies	MPL mg/kg, unless otherwise stated	Animal Product or animal material
Piperonyl butoxide	Piperonyl butoxide	0.1	Meat, fat and offal of any animal
Pirlimycin	The sum of pirlimycin, pirlimycin sulphoxide and pirlimycin sulphone	0.05	Meat of cattle
			Fat of cattle
		0.1	Kidney of cattle
		0.5	Liver of cattle
Polychlorinated biphenyls (coplanar)	Sum of congeners as listed in annex to table	0.5 pg/gm TEQ	Meat and fat of mammals and birds
			Eggs
		4 pg/gm TEQ	Muscle meat of fish
Polymixin B	Polymixin B	0.1	Meat, fat and offal of any animal
Praziquantel	Praziquantel	0.1	Meat, fat and offal of any animal
Prednisolone (corticosteroid)	Prednisolone	0.004	Meat and fat of any animal
		0.01	Offal of any animal
Prednisone (corticosteroid)	Prednisone	0.004	Meat, fat and offal of any animal
Proligestone (progestagenic substance)	Proligestone	0.001	Meat, fat and offal of any animal
Propetamphos	Propetamphos	0.1	Meat, fat and offal of sheep
		0.01	Meat, fat and offal of all other animals
Propoxur	Propoxur	0.1	Meat, fat and offal of any animal
	Propyl thiouracil	0.02	Meat, fat and offal of any animal

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Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
Propyl thiouracil (thyrostatic agent)			Urine, blood and thyroid gland of any mammal
Pyraclostrobin	Pyclastrobin	0.02	Meat , fat and offal of any mammal
Ractopamine	Ractopamine	0.01	Muscle and fat of pig
		0.09	Kidney of pig
		0.04	Liver of pig
Ricobendazole	The sum of albendazole, albendazole sulphoxide and albendazole sulphone as albendazole amino sulphone	0.2	Meat of sheep
		3	Offal of sheep
		0.1	Fat of sheep
			Meat, fat and offal of cattle, deer and goat
Robenidine	Robenidine	2	Meat of poultry
		0.1	Liver and fat of poultry
Romifidine	Romifidine	0.005	Meat and fat of horse
Salbutamol (β-sympathomimetic agent)	Salbutamol	0.0001	Meat, fat and offal of any animal
			Urine, bile, blood and retina of any mammal
Salinomycin	Salinomycin	0.1	Meat, fat and offal of cattle and pig
			Fat and meat of poultry
		0.5	Liver of poultry
Saflufenacil	Saflufenacil	0.6	Edible mammalian offal

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Column 1	Column 2	Column 3	Column 4
Exogenous Contaminant	Substances or group of substances to which the MPL applies	MPL mg/kg, unless otherwise stated	Animal Product or animal material
		0.01	Mammalian Fat
		0.01	Mammalian Meat
Selenium	Inorganic and organic selenium as selenium	2	Meat, fat and offal of any animal Eggs
Semduramicin	Semduramicin	0.5 0.1	Liver of poultry Meat and fat of poultry
Sodium monofluoroacetate	Monofluoroacetic acid anion	0.001	Meat, fat and offal of any animal Eggs
Spectinomycin	Spectinomycin	5 2 0.5 0.3 1	Kidney of sheep Fat and liver of sheep Meat of sheep Fat of any other animal Meat of any other animal Offal of any other animal
Spinetoram	Sum of: XDE-175-J XDE-175-L Expressed as: Spinetoram	0.2 0.01(*) 0.01(*) 0.01(*)	Mammalian fat Mammalian kidney Mammalian liver Mammalian meat
Spinosad	The sum of spinosyn A and spinosyn D	2	Sheep fat

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Column 1	Column 2	Column 3	Column 4
Exogenous Contaminant	Substances or group of substances to which the MPL applies	MPL mg/kg, unless otherwise stated	Animal Product or animal material
		0.5	Sheep kidney
		0.5	Sheep liver
		0.05	Sheep meat
Spiroxamine	Spiroxamine	0.01(*)	Mammalian fat
		0.05	Mammalian kidney
		0.05	Mammalian liver
		0.01(*)	Mammalian muscle
Stanazol (anabolic steroids & androgenic substances)	The sum of stanazol and its ester forms and glucuronide and sulphate conjugates	0.0001	Meat, fat and offal of any animal Urine, bile and blood of any animal
Streptomycin	See Dihydrostreptomycin		
Sulfoxaflo	Sulfoxaflo	0.05	Edible mammalian offal
		0.01(*)	Mammalian fat
		0.01(*)	Mammalian muscle
Sulphonamides: (as salts or 4- amides) forms: Sulphadiazine Sulphadimethoxine Sulphaguanidine Sulphamethazine Sulphamerazine Sulphamethoxazole Sulphamethoxypyridazine	Free and protein bound forms of the named sulphonamide as free acid	0.1	Meat, fat and offal of any animal

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Column 1	Column 2	Column 3	Column 4
Exogenous Contaminant	Substances or group of substances to which the MPL applies	MPL mg/kg, unless otherwise stated	Animal Product or animal material
Sulphapyridine Sulphanilamide Sulphaquinoxaline Sulphathiazole Sulphisoxazole			
Tapazol (Methimazole)	Tapazol (Methimazole)	0.1	Meat, fat and offal of any animal Blood and urine of any animal Eggs
Tau-fluvalinate	Tau-fluvalinate	0.01(*)	Edible mammalian offal
		0.02	Mammalian fat
		0.01(*)	Mammalian meat
Temephos	The sum of temephos and temephos sulphoxide reported as temephos	2	Fat of cattle
		0.1	Meat and offal of cattle Meat, fat and offal of any other animal
Tetrachlofenvinphos	Tetrachlorfenvinphos	0.1	Meat, fat and offal of sheep
Tetracyclines (oxytetracycline, tetracycline, doxycycline and chlortetracycline)	Oxytetracycline, or Tetracycline, or Chlortetracycline, or Doxycycline singly or in combination	0.1	Meat of any animal
		0.3	Liver of any animal
		0.6	Kidney of any animal
		0.2	Poultry eggs
Thiabendazole	Thiabendazole	0.1	Meat of any animal

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Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
			Offal of any animal
Thiophanate	Thiophanate	0.1	Meat, fat and offal of pig
Thiouracil (thyrostatic agent)	Thiouracil	0.03	Meat, fat and offal of any mammal
			Urine, blood and thyroid gland of any mammal
Tiamulin	Tiamulin	0.1	Meat, fat and offal of pig
			Meat, liver and fat of poultry
			Eggs of poultry
Tiletamine	Tiletamine	0.1	Meat, fat and offal of any animal
Tilmicosin	Tilmicosin	0.1	Meat and fat of pig
		1.5	Liver of pig
		1	Kidney of pig
		0.05	Meat, fat and liver of poultry
			Meat and fat of any other animal
1	Liver and kidney of any other animal		
Tolazoline	Tolazoline	0.005	Meat, fat and offal of any mammal
Tolfenamic acid	Tolfenamic acid	0.01	Meat, fat and offal of cattle and pig
		0.005	Meat and offal of any other animal
Toltrazuril	The sum of toltrazuril, toltrazuril sulphoxide and toltrazuril sulphone as toltrazuril	2	Offal of pig
		0.5	Meat of pig and poultry

NOTE: (*) indicates that the maximum residue level has been set at or about the limit of analytical quantification

Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
		1	Liver of poultry
		0.1	Fat of poultry
			Meat and offal of ostrich and emu
			Muscle of cattle
		0.15	Fat of cattle
		0.5	Liver of cattle
		0.25	Kidney of cattle
Trenbolone (anabolic steroids & androgenic substances)	The sum of α and β trenbolone and its ester forms and glucuronide and sulphate conjugates of hydroxy trenbolone	0.01	Offal of any mammal
		0.002	Meat and fat of any mammal
		0.001	Urine and bile of any mammal
<i>Tribenuron-methyl</i>	<i>Tribenuron-methyl</i>	<i>0.01(*)</i>	<i>Edible offal (mammalian)</i>
		<i>0.01(*)</i>	<i>Meat (mammalian)</i>
Trichlorfon	The sum of trichlorfon and dichlorvos as dichlorvos	0.1	Meat, fat and offal of sheep and pig
			Meat, fat and liver of poultry
			Meat and fat of horse
Triclabendazole	The sum of triclabendazole, triclabendazole sulphoxide and triclabendazole sulphone as triclabendazole	0.2	Meat of cattle
		0.3	Offal of cattle
		0.1	Fat of cattle and sheep
			Meat and offal of sheep

NOTE: (*) indicates that the maximum residue level has been set at or about the limit of analytical quantification

Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
			Meat, fat and offal of goat
Triflumuron	Triflumuron	0.05	Meat, fat and offal of sheep
Trimethoprim	Trimethoprim	0.1	Meat, fat and offal of cattle, sheep, pig, and goat
			Meat, fat and liver of poultry
			Meat and fat of horse
<i>Tulathromycin</i>	<i>(2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)-2-ethyl-3,4,10,13-tetrahydroxy-3,5,8,10,12,14-hexamethyl-11-[[3,4,6-trideoxy-3(dimethylamino)-β-Dxylohexopyranosyl]oxy]-1-oxa-6-azacyclopentadecan-15-one expressed as tulathromycin equivalents</i>	<i>0.1</i>	<i>Cattle meat</i>
		<i>0.1</i>	<i>Cattle fat</i>
		<i>3</i>	<i>Cattle kidney</i>
		<i>3</i>	<i>Cattle liver</i>
		<i>0.5</i>	<i>Pig meat</i>
		<i>0.3</i>	<i>Pig fat/skin</i>
		<i>3</i>	<i>Pig kidney</i>
Tylosin	Tylosin	0.1	Meat, fat and offal of any animal
		0.2	Eggs
Warfarin	Warfarin	0.001	Meat, fat and offal of any animal
			Eggs
Xylazine	The sum of xylazine and 2,6 dimethyl aniline as 2,6 dimethyl aniline	0.005	Meat, fat and offal of any animal
		0.5	Velvet of deer

NOTE: (*) indicates that the maximum residue level has been set at or about the limit of analytical quantification

Column 1	Column 2	Column 3	Column 4
<i>Exogenous Contaminant</i>	<i>Substances or group of substances to which the MPL applies</i>	<i>MPL mg/kg, unless otherwise stated</i>	<i>Animal Product or animal material</i>
Yohimbine	Yohimbine	0.005	Meat, fat and offal of any animal
			Velvet of deer
Zeranol	Zeranol	0.01	Offal of cattle, sheep, deer and goat
		0.005	Meat, fat, blood and urine of any cattle, sheep, deer, horse and goat
		0.2	Bile of cattle
		0.02	Bile of sheep, deer, horse and goat
Zolazepam	Zolazepam	0.005	Meat, fat and offal of any animal

Annex to the table

Dioxins: sum of polychlorinated dibenzo-para-dioxins(PCDDs) and polychlorinated dibenzofurans (PDCFs) expressed in World Health Organisation (WHO) toxic equivalents using the WHO-TEFs (toxic equivalency factors, 2005) and the dioxin-like PCBs (coplanar PCBs) expressed in World Health Organisation (WHO) toxic equivalency factors (TEFs, 2005)¹.

¹ Van den Berg, M., et al. The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds. Toxicological Sciences 93(2), 223–241 (2006).

NOTE: (*) indicates that the maximum residue level has been set at or about the limit of analytical quantification

Dibenzo-p-dioxins	TEF	Dioxin-like PCBs	TEF
2,3,7,8-TCDD	1	Non-ortho PCBs	
1,2,3,7,8-PeCDD	1	PCB 77	0.0001
1,2,3,4,7,8 HxCDD	0.1	PCB 81	0.0003
1,2,3,6,7,8-HxCDD	0.1	PCB 126	0.1
1,2,3,7,8,9-HxCDD	0.1	PCB 169	0.03
1,2,3,4,6,7,8-HpCDD	0.01		
OCDD	0.0003		
Dibenzofurans		Mono-ortho PCBs	
2,3,7,8 TCDF	0.1	PCB 105	0.00003
1,2,3,7,8 PecCDF	0.03	PCB 114	0.00003
2,3,4,7,8 PeCDF	0.3	PCB 118	0.00003
1,2,3,4,7,8 HexCDF	0.1	PCB 123	0.00003
1,2,3,6,7,8 HexCDF	0.1	PCB 156	0.00003
1,2,3,7,8,9 HexCDF	0.1	PCB 157	0.00003
2,3,4,6,7,8 HexCDF	0.1	PCB 167	0.00003
1,2,3,4,6,7,8 Hep CDF	0.01	PCB 189	0.00003
1,2,3,4,7,8,9 HepCDF	0.01		
OCDF	0.0003		

Schedule 2: Conditionally exempt substances

Column 1	Column 2	Column 3
Substance	Substance to which an MPL applies	Use
Bromhexine	Bromhexine	For use as an expectorant
Bronopol	Bronopol	Used as an antimicrobial agent for farmed salmon and salmon eggs
Bismuth and its salts	Bismuth	For oral use only as gastrointestinal antacid agent
Buserelin (acetate)	Buserelin	Treatment of fertility disorders of ovarian origin, anoestrus, to induce ovulation, increase conception rate
Caffeine	Caffeine	Any use in meat producing animals
Calcium borogluconate	Boron	Treatment of milk fever in cattle and sheep, hypocalcaemia, osteomalacia in cattle
Chlorhexidine and its digluconate salt	Chlorhexidine	All food producing species except fish; for topical use only
Cloprostenol	Cloprostenol	For luteolysis of functional corpora lutea in farmed mammals, manipulation of oestrus cycles in farmed mammals, treatment of retained foetal membranes, pyometra or chronic endometriosis, induction of abortion and parturition in farmed mammals
Copper & its salts	Copper	Treatment and prevention of copper deficiency, topical treatment of hoof and skin infections
Dembrexine	Dembrexine	Oral symptomatic treatment of respiratory infections in horses
Dinoprost	Dinoprost	For luteolysis of functional corpora lutea in cattle, pigs and horses
Doxapram hydrochloride	Doxapram	Used as a respiratory stimulant in any mammalian food producing species
Econazole	Econazole	As topical bactericide, fungicide
Etamphylline campsylate	Etamphylline	Aid in the symptomatic treatment of respiratory infection in horses and cattle
Gonadorephin(s), Gonadorelin, Deslorelin	The administered substance	Treatment of anoestrus, treatment of impaired spermatogenesis
Hydrocortisone	Sum of cortisone and hydrocortisone	As a topical anti-inflammatory
Iodine	Inorganic and organic iodine as iodide	For topical treatment of wounds, foot rot, ringworm; as a topical bactericide in food producing animals
Iso Eugenol	Iso Eugenol	As fish anaesthetic
Isoxsuprine (lactate)	Isoxuprine	For relaxation of uterine muscles

Column 1	Column 2	Column 3
Substance	Substance to which an MPL applies	Use
Lecirelin	Lecirelin	When used as a treatment of fertility disorders of ovarian origin and/or anoestrus, for the purpose of inducing ovulation and increasing conception rates in cattle, horses, and rabbits.
Medroxyprogesterone acetate	Medroxyprogesterone	For intravaginal use for zootechnical purposes in sheep
Miconazole	Miconazole	As topical bactericide, fungicide
Oestradiol-17 β & its esters or conjugates	Oestradiol-17 beta	Used as a sub-dermal growth promotant in bovine animals in accordance with all New Zealand regulatory requirements, and all regulations and specifications that apply
Oxytocin	Oxytocin	For parturition and milk let down, treatment of agalactia, uterine atony and post-partum haemorrhages
Pentosan polysulphate	Pentosan polysulphate	Treatment aid for non-infectious inflammatory joint disease, traumatic arthritis, degenerative cartilaginous joint disease, osteoarthritis
Progesterone alpha-hydroxyprogesterone (deoxycortisone)	Progesterone	Treatment of anoestrus, ovarian cysts. Control of oestrus cycle
Propantheline (bromide)	Propantheline	Rectal examination, treatment of spasmodic colic
2-Propenoic acid, polymer with 2-propenal	2-Propenoic acid	When used for the management of intestinal health in broiler chickens and swine
Prostaglandin F2 α	Prostaglandin F2 α	Control of reproductive cycle, treatment of reproductive disorders, chronic endometritis, ovarian luteal cysts. Synchronisation of oestrus
Salicylic acid or its salts	Salicylate anion	As topical antipruritic, keratolytic, bacteriostat, fungicide
Thiopental sodium	Thiopental	For intravenous use in animals
Thiopentone	5-ethyl-5(1-methylbutyl)-2-thiobarbituric acid	As a central nervous system depressant in all animals
Thiram	Thiram	Treatment of post-dipping lameness
Trenbolone	Trenbolone	Used as a sub-dermal growth promotant in bovine animals in accordance with all New Zealand regulatory requirements, and all regulations and specifications that apply
Vaccine antigens	Active antigen	For the vaccination of animals for prophylactic or zootechnical purposes
Zinc & its salts	Zinc cation	Treatment of facial eczema, as trace element supplement