USDA Foreign Agricultural Service
GAIN Report
Global Agriculture Information Network
Template Version 2.09

Voluntary Report - Public distribution

Date: 10/31/2007

GAIN Report Number: CH7082

China, Peoples Republic of

FAIRS Subject Report

Chinese Veterinary Drug MRLs

2007

Approved by:
William Westman
AgBeijing

Prepared by:
Mark Petry and Wu Bugang

Report Highlights:
In 2002, the Ministry of Agriculture published Announcement 235, a compendium of permissible uses for veterinary drugs in China and their Maximum Residue Limits (MRLs). The 2002 Announcement replaced the previous 1999 version of this document, published under the notification number Nongmufa No. 17 (1999). This report contains an UNOFFICIAL translation of this Ministry of Agriculture measure.

Includes PSD Changes: No
Includes Trade Matrix: No
Annual Report
Beijing [CH1]
[CH]

Table of Contents

Executive Summary 3
Appendix 1: Veterinary drugs allowed for use in animals used for food with no need for an MRL. 3
Appendix 2: Veterinary drugs pproved for use in animals used for food but requires adherence to an MRL 7
Appendix 3: Veterinary drugs allowed for therapeutic use, but must not be detected in animal derived food. 23
Appendix 4: Veterinary drugs prohibited for use and that must not be detected in animal derived food. 23
Terminology: 25

Executive Summary

In 2002, the Ministry of Agriculture published a compendium of permissible uses for veterinary drugs in China and their Maximum Residue Limits (MRL) in Announcement 235. The 2002 Announcement replaced the previous 1999 version of this document, published under the notification number Nongmufa No. 17 (1999).

BEGIN TRANSLATION

Announcement No. 235 of the Ministry of Agriculture

In order to strengthen the monitoring and control of veterinary drug residue and ensure the hygiene and safety of animal derived foods, the Ministry has modified the Maximum Residue Limits for Veterinary Drugs in Animal Derived Food and is published for enforcement. The previous Maximum Residue Limits for Veterinary Drugs in Animal Derived Food as published in Nongmufa No. 17 (1999) shall be annulled upon publication of this regulation.

December 24, 2002

Appendixes: Maximum Residue Limits for Veterinary Drugs in Animal Derived Food

Appendix 1: Veterinary drugs allowed for use in animal derived food with no need for an MRL.

Drug Name	Animal Species	Other Provisions
Acetylsalicylic acid ?????	Cattle, Swine, Chickens	Prohibited in milk production and laying hens
Aluminium hydroxide ????	All Food Animals	
Amitraz ? ? ?	Cattle/Lamb/Swine	MRL not needed, used only in muscle tissue
Amprolium ? ? ?	Poultry	Only for oral use
Apramycin ? ? ? ?	Swine, Rabbit, Goats, Chickens	Only for oral use. Prohibited in sheep milk production and laying hens.
Atropine ? ? ?	All Food Animals	
Azamethiphos ? ? ? ? ?	Fish	
Betaine ? ? ?	All Food Animals	
Bismuth subcarbonate ? ? ? ? ?	All Food Animals	Only for oral use
Bismuth subnitrate ? ? ? ? ?	All Food Animals	Only for oral use
Bismuth subnitrate	Cattle	Used only for chest

? ? ? ? ?		injection
Boric acid and borates ? ? ? ? ?	All Food Animals	
Caffeine ? ? ?	All Food Animals	
Calcium borogluconate ??????	All Food Animals	
Calcium carbonate ? ? ?	All Food Animals	
Calcium chloride ? ? ?	All Food Animals	
Calcium gluconate ? ? ? ? ?	All Food Animals	
Calcium phosphate ? ? ?	All Food Animals	
Calcium sulphate ? ? ?	All Food Animals	
Calcium pantothenate ? ? ?	All Food Animals	
Camphor ??	All Food Animals	For external use only
Chlorhexidine ? ? ?	All Food Animals	For external use only
Choline ??	All Food Animals	
Cloprostenol ? ? ? ?	Cattle, Swine, Horse	
Decoquinate ? ? ? ?	Cattle, Goats	For oral use only. Banned for use in milk producing animals.
Diclazuril ? ? ? ?	Goats	For oral use in kids
Epinephrine Kidney? ? ?	All Food Animals	
Ergometrine maleata ?? ? ? ? ? ? ?	All mammal food animals	Not for food animals
Ethanol ? ?	All Food Animals	Used in solution only
Ferrous sulphate ? ? ? ?	All Food Animals	
Flumethrin ? ? ? ? ? ?	Bees	Honey
Folic acid ? ?	All Food Animals	
Follicle stimulating hormone (natural FSH from all species and their synthetic analogues) ?????(??????FSH???? ?????)	All Food Animals	
Formaldehyde ??	All Food Animals	

Glutaraldehyde ? ? ?	All Food Animals	
Gonadotrophin releasing hormone ? ? ? ? ? ? ? ? ? ? ?	All Food Animals	
Human chorion gonadotrophin ? ? ? ?	All Food Animals	
Hydrochloric acid ? ?	All Food Animals	Used in solution only
Hydrocortisone ? ? ? ? ?	All Food Animals	For external use only
Hydrogen peroxide ? ? ? ?	All Food Animals	
Iodine and iodine inTissueic compounds including: ? ? ? ? ? ? ? ? ? ? :		
? ? Sodium and potassium-iodide ? ? ? ? ?	All Food Animals	
? ? Sodium and potassium-iodate ? ? ? ? ?	All Food Animals	
Iodophors including: ? ? ? ? :	All Food Animals	
? ? polyvinylpyrrolidone-iodine ? ? ? ? ? ? ? ? ?		
Iodine Tissueic compounds: ? ? ? ? ? ? ? :		
? ? Iodoform ? ?	All Food Animals	
Iron dextran ? ? ? ? ?	All Food Animals	
Ketamine ? ? ?	All Food Animals	
Lactic acid ? ?	All Food Animals	
Lidocaine ? ? ? ?	Horses	Only with a local anesthetic
Luteinising hormone (natural LH from all species and their synthetic analogues) ? ? ? ? ? (? ? ? ? ? ? ? FSH ? ? ? ? ? ? ? ? ? ?)	All Food Animals	
Magnesium chloride ? ? ?	All Food Animals	
Mannitol ? ? ?	All Food Animals	
Menadione ? ? ?	All Food Animals	
Neostigmine ? ? ? ?	All Food Animals	
Oxytocin	All Food Animals	

???		
Paracetamol ??????	Swine	Only for oral use
Pepsin ?Eggs??	All Food Animals	
Phenol ??	All Food Animals	
Piperazine ??	Chickens	All tissues other than eggs
Polyethylene glycols (molecular weight ranging from 200 to 10000) ????(??????200?10000)	All Food Animals	
Polysorbate 80 ??- 80	All Food Animals	
Praziquantel ???	Sheep, Horses Goats	Only for non-lactating sheep
Procaine ????	All Food Animals	
Pyrantel embonate ???????	Horses	
Salicylic acid ???	All Food Animals and fish	For external use only
Sodium Bromide ???	All mammal food animals	For external use only
Sodium chloride ???	All Food Animals	
Sodium pyrosulphite ?????	All Food Animals	
Sodium salicylate ????	All Food Animals and fish	For external use only
Sodium selenite ????	All Food Animals	
Sodium stearate ?Fat??	All Food Animals	
Sodium thiosulphate ?????	All Food Animals	
Sorbitan trioleate ?????????(??85)	All Food Animals	
Strychnine ???	Cattle	Only for oral use, largest dose 0.1mg/kg body weight
Sulfogaiacol ???????	All Food Animals	
Sulphur ??	Cattle, Swine, Goats, Sheep, Horses	
Tetracaine ???	All Food Animals	Used as anesthetic only
Thiomersal ???	All Food Animals	Used as a preservative in multi-dose vaccine, with maximum concentration not more than 0.02%.

Thiopental sodium ? ? ? ?	All Food Animals	For intravenous use only
Vitamin A ? ? ? A	All Food Animals	
Vitamin B_1 ? ? ? B_1	All Food Animals	
Vitamin B_{12} ? ? ? B_{12}	All Food Animals	
Vitamin B_2 ? ? ? B_2	All Food Animals	
Vitamin B_6 ? ? ? B_6	All Food Animals	
Vitamin D ? ? ? D	All Food Animals	
Vitamin E ? ? ? E	All Food Animals	
Xylazine hydrochloride ? ? ? ? ?	Cattle, Horses	Banned for milk production animals
Zinc oxide ? ? ?	All Food Animals	
Zinc sulphate ? ? ?	All Food Animals	

Appendix 2: Veterinary drugs pproved for use in animal derived food but requires adherence to an MRL (parts per billion)

Drug Name	Residue substance	Animal Species	Target Tissue	MRL
? ? ? (? ? ? ?) Abamectin ADI: 0-2	Avermectin B_{1a}	Cattle (prohibited during lactation period)	Fat Liver Kidney Muscle	100 100 50 25
		Lamb (prohibited during lactation period)	Fat Liver Kidney	50 25 20
? ? ? ? ? ? ? ? ? Acetylisovaleryltylosin ADI: 0-1.02	Acetylisovaleryltylosin And 3-O- Acetyl Tylosin	Swine	Muscle Skin+Fat Liver Kidney	50 50 50 50
? ? ? ? Albendazole ADI: 0-50	Albendazole+ $ABZSO_2$ +ABZSO + $ABZNH_2$	Cattle/Lamb	Muscle Fat Liver Kidney Milk	100 100 5000 5000 100

? ? ? Amitraz ADI: 0-3	Amitraz +2,4-DMA total	Cattle	Fat Liver Kidney Milk	200 200 200 10
		Lamb	Fat Liver Kidney Milk	400 100 200 10
		Swine	Skin with fat Liver Kidney	400 200 200
		Avian	Muscle Fat Byproducts	10 10 50
		Bees	Honey	200
? ? ? ? Amoxicillin	Amoxicillin	All Food Animals	Muscle Fat Liver Kidney Milk	50 50 50 50 10
? ? ? ? Ampicillin	Ampicillin	All Food Animals	Muscle Fat Liver Kidney Milk	50 50 50 50 10
? ? ? Amprolium ADI: 0-100	Amprolium	Cattle	Muscle Fat Liver Kidney	500 2000 500 500
? ? ? ? Apramycin ADI: 0-40	Apramycin	Swine	Kidney	100
? ? ? /? ? ? ? Arsanilic acid/Roxarsone	Arsenic	Swine	Muscle Liver Kidney By-products	500 2000 2000 500
		Chickens/Turkey	Muscle By-products Eggs	500 500 500

? ? ? Azaperone ADI: 0-0.8	Azaperone + Azaperol	Swine	Muscle Skin+Fat Liver Kidney	60 60 100 100
? ? ? Bacitracin ADI: 0-3.9	Bacitracin	Cattle/Swine/Avian	Edible Tissue	500
		Cattle(chest injection)	Milk	500
		Avian	Eggs	500
? ? ? ? ? /? ? ? ? ? ? ? Benzylpenicillin/ Procaine benzylpenicillin ADI: 0-30μg/person/day	Benzylpenicillin	All Food Animals	Muscle Fat Liver Kidney Milk	50 50 50 50 4
? ? ? ? Betamethasone ADI: 0-0.015	Betamethasone	Cattle/Swine	Muscle Liver Kidney	0.75 2.0 0.75
		Cattle	Milk	0.3
? ? ? ? Cefalexin ADI: 0-54.4	Cefalexin	Cattle	Muscle Fat Liver Kidney Milk	200 200 200 1000 100
? ? ? ? Cefquinome ADI: 0-3.8	Cefquinome	Cattle	Muscle Fat Liver Kidney Milk	50 50 100 200 20
		Swine	Muscle Skin with fat Liver Kidney	50 50 100 200
? ? ? ? Ceftiofur ADI: 0-50	Desfuroyl-ceftiofur	Cattle/Swine	Muscle Fat Liver Kidney	1000 2000 2000 6000
		Cattle	Milk	100
? ? ? ? Clavulanic acid ADI: 0-16	Clavulanic acid	Cattle/Lamb	Milk	200
		Cattle/Lamb/Swine	Muscle Fat Liver Kidney	100 100 200 400

? ? ? ? Clopidol	Clopidol	Cattle/Lamb	Muscle Liver Kidney Milk	200 1500 3000 20
		Swine	Edible Tissue	200
		Chickens/Turkey	Muscle Liver Kidney	5000 15000 15000
? ? ? ? ? Closantel ADI: 0-30	Closantel	Cattle	Muscle Fat Liver Kidney	1000 3000 1000 3000
		Lamb	Muscle Fat Liver Kidney	1500 2000 1500 5000
? ? ? ? Cloxacillin	Cloxacillin	All Food Animals	Muscle Fat Liver Kidney Milk	300 300 300 300 30
? ? ? Colistin ADI: 0-5	Colistin	Cattle/Lamb	Milk	50
		Cattle/Lamb/Swine /Chickens/Rabbit	Muscle Fat Liver Kidney	150 150 150 200
		Chickens	Eggs	300
? ? ? Coumaphos ADI: 0-0.25	Coumaphos and oxides	Bees	Honey	100
? ? ? ? Cyromazine ADI: 0-20	Cyromazine	Lamb	Muscle Fat Liver Kidney	300 300 300 300
		Avian	Muscle Fat By-products	50 50 50

? ? ? ? Danofloxacin ADI: 0-20	Danofloxacin	Cattle/Sheep/Goats	Muscle Fat Liver Kidney Milk	200 100 400 400 30
		Poultry	Muscle Skin with fat Liver Kidney	200 100 400 400
		Other animals	Muscle Fat Liver Kidney	100 50 200 200
? ? ? ? Decoquinate ADI: 0-75	Decoquinate	Chickens	Skin with meat Edible Tissue	1000 2000
? ? ? ? Deltamethrin ADI: 0-10	Deltamethrin	Cattle/Lamb	Muscle Fat Liver Kidney	30 500 50 50
		Cattle	Milk	30
		Chickens	Muscle Skin with fat Liver Kidney Eggs	30 500 50 50 30
		Fish	Muscle	30
? ? ? A Destomycin A	Destomycin A	Swine/Chickens	Edible Tissue	2000
? ? ? ? Dexamethasone ADI: 0-0.015	Dexamethasone	Cattle/Swine/Horse	Muscle Liver Kidney	0.75 2 0.75
		Cattle	Milk	0.3
? ? ? Diazinon ADI: 0-2	Diazinon	Cattle/Lamb	Milk	20
		Cattle/Swine/Lamb	Muscle Fat Liver Kidney	20 700 20 20

? ? ? Dichlorvos ADI: 0-4	Dichlorvos	Cattle/Lamb/Horse	Muscle Fat By-products	20 20 20
		Swine	Muscle Fat By-products	100 100 200
		Chickens	Muscle Fat By-products	50 50 50
? ? ? ? Diclazuril ADI: 0-30	Diclazuril	Sheep/Avian/Rabbit	Muscle Fat Liver Kidney	500 1000 3000 2000
? ? ? ? Difloxacin ADI: 0-10	Difloxacin	Cattle/Lamb	Muscle Fat Liver Kidney	400 100 1400 800
		Swine	Muscle Skin with fat Liver Kidney	400 100 800 800
		Poultry	Muscle Skin with fat Liver Kidney	300 400 1900 600
		Other Animals	Muscle Fat Liver Kidney	300 100 800 600
? ? ? Diminazine ADI: 0-100	Diminazine	Cattle	Muscle Liver Kidney Milk	500 12000 6000 150
? ? ? ? Doramectin ADI: 0-0.5	Doramectin	Cattle (Banned for milk cows)	Muscle Fat Liver Kidney	10 150 100 30
		Swine/Lamb/Deer	Muscle Fat Liver Kidney	20 100 50 30

? ? ? ? Doxycycline ADI: 0-3	Doxycycline	Cattle (Banned for milk cows)	Muscle Liver Kidney	100 300 600
		Swine	Muscle Skin with fat Liver Kidney	100 300 300 600
		Avian (Prohibited in production of chickens and eggs)	Muscle Skin with fat Liver Kidney	100 300 300 600
? ? ? ? Enrofloxacin ADI: 0-2	Enrofloxacin + Ciprofloxacin	Cattle/Lamb	Muscle Fat Liver Kidney	100 100 300 200
		Cattle/Lamb	Milk	100
		Swine/Rabbit	Muscle Fat Liver Kidney	100 100 200 300
		Avian (Prohibited in production of chickens and eggs)	Muscle Skin with fat Liver Kidney	100 100 200 300
		Other Animals	Muscle Fat Liver Kidney	100 100 200 200
? ? ? Erythromycin ADI: 0-5	Erythromycin	All Food Animals	Muscle Fat Liver Kidney	200 200 200 200
			Milk	40
			Eggs	150
? ? ? ? ? ? ? Ethopabate	Ethopabate	Avian	Muscle Liver Kidney	500 1500 1500

? ? ? ? Fenbantel	Extractable Oxfendazole sulphone	Cattle/Horse/Swine /Lamb	Muscle Fat Liver Kidney	100 100 500 100
? ? ? ? Fenbendazole			Milk	100
? ? ? ? Oxfendazole		Cattle/Lamb		
ADI: 0-7				
? ? ? Fenthion	Fenthion & Metabolites	Cattle/Swine/Avian	Muscle Fat By-products	100 100 100
? ? ? ? Fenvalerate	Fenvalerate	Cattle/Lamb/Swine	Muscle Fat By-products	1000 1000 20
ADI: 0-20		Cattle	Milk	100
? ? ? ? Florfenicol	Florfenicol-amine	Cattle/Lamb (prohibited during lactation period)	Muscle Liver Kidney	200 3000 300
ADI: 0-3		Swine	Muscle Skin with fat Liver Kidney	300 500 2000 500
		Poultry (prohibited in egg production)	Muscle Skin with fat Liver Kidney	100 200 2500 750
		Fish	Muscle+Skin	1000
		Other Animals	Muscle Fat Liver Kidney	100 200 2000 300
? ? ? ? Flubendazole	Flubendazole +2-amino 1H- benzimidazol-5-	Swine	Muscle Liver	10 10
ADI: 0-12	yl-(4- fluorophenyl) methanone	Avian	Muscle Liver Eggs	200 500 400

? ? ? ? ? Flugestone Acetate ADI: 0-0.03	Flugestone Acetate	Lamb	Milk	1
? ? ? Flumequine ADI: 0-30	Flumequine	Cattle/Lamb/Swine	Muscle Fat Liver Kidney Milk	500 1000 500 3000 50
		Fish	Muscle+Skin	500
		Chickens	Muscle Skin with fat Liver Kidney	500 1000 500 3000
? ? ? ? ? ? Flumethrin ADI: 0-1.8	Flumethrin (sum of trans-Z-isomers)	Cattle	Muscle Fat Liver Kidney Milk	10 150 20 10 30
		Lamb (prohibited during milk production period)	Muscle Fat Liver Kidney	10 150 20 10
? ? ? ? ? Fluvalinate	Fluvalinate	All Animals	Muscle Fat By-products	10 10 10
		Bees	Honey	50
? ? ? ? Gentamycin ADI: 0-20	Gentamycin	Cattle/Swine	Muscle Fat Liver Kidney	100 100 2000 5000
		Cattle	Milk	200
		Chickens/Turkey	Edible Tissue	100
? ? ? ? ? ? Halofuginone hydrobromide ADI: 0-0.3	Halofuginone	Cattle	Muscle Fat Liver Kidney	10 25 30 30
		Chickens/Turkey	Muscle Skin with fat Liver	100 200 130

? ? ? ? Isometamidium ADI: 0-100	Isometamidium	Cattle	Muscle Fat Liver Kidney Milk	100 100 500 1000 100
? ? ? ? Ivermectin ADI: 0-1	22,23-Dihydro-avermectin B1a	Cattle	Muscle Fat Liver Milk	10 40 100 10
		Swine/Lamb	Muscle Fat Liver	20 20 15
? ? ? ? Kitasamycin	Kitasamycin	Swine/Avian	Muscle Liver Kidney	200 200 200
? ? ? ? ? Lasalocid	Lasalocid	Cattle	Liver	700
		Chickens	Skin with fat Liver	1200 400
		Turkey	Skin with fat Liver	400 400
		Lamb	Liver	1000
		Rabbit	Liver	700
? ? ? ? Levamisole ADI: 0-6	Levamisole	Cattle/Lamb/Swine/Avian	Muscle Fat Liver Kidney	10 10 100 10
? ? ? ? Lincomycin ADI: 0-30	Lincomycin	Cattle/Lamb/Swine/Avian	Muscle Fat Liver Kidney	100 100 500 1500
			Milk	150
		Cattle/Lamb	Eggs	50
		Chickens		
Horse? ? ? Maduramicin	Maduramicin	Chickens	Muscle Fat Skin Liver	240 480 480 720

Horse? ? ? Malathion	Malathion	Cattle/Lamb/Swine /Avian/Horses	Muscle Fat By-products	4000 4000 4000
? ? ? ? Mebendazole ADI: 0-12.5	Mebendazole equivilant	Lamb/Horses (prohibited during milk production period)	Muscle Fat Liver Kidney	60 60 400 60
? ? ? Metamizole ADI: 0-10	4 - aminomethyl - Antipyrine	Cattle/Swine/ Horses	Muscle Fat Liver Kidney	200 200 200 200
? ? ? ? Monensin	Monensin	Cattle/Lamb Chickens/Turkey	Edible Tissue Muscle Skin with fat Liver	50 1500 3000 4500
? ? ? ? ? Narasin	Narasin	Chickens	Muscle Skin with fat Liver	600 1200 1800
? ? ? Neomycin ADI: 0-60	Neomycin B	Cattle/Lamb/Swine /Chickens/Turkey /Duck Cattle/Lamb Chickens	Muscle Fat Liver Kidney Milk Eggs	500 500 500 10000 500 500
? ? ? ? Nicarbazin ADI: 0-400	N,N'-bis-(4- nitrophenyl) urea	Chickens	Muscle Skin/Fat Liver Kidney	200 200 200 200
? ? ? ? Nitroxinil ADI: 0-5	Nitroxinil	Cattle/Lamb	Muscle Fat Liver Kidney	400 200 20 400
? ? ? Olaquindox	[3 - methyl quinoline -2 - carboxylate (MQCA)]	Swine	Muscle Liver	4 50

? ? ? ? Oxacillin	Oxacillin	All Food Animals	Muscle Fat Liver Kidney Milk	300 300 300 300 30
? ? ? ? ? Oxibendazole ADI: 0-60	Oxibendazole	Swine	Muscle Skin with fat Liver Kidney	100 500 200 100
? ? ? Oxolinic acid ADI: 0-2.5	Oxolinic acid	Cattle/Swine/Chick ens	Muscle Fat Liver Kidney	100 50 150 150
		Chickens	Eggs	50
		Fish	Muscle+Skin	300
? ? ? /? ? ? /? ? ? Oxytetracycline/Chlortetracyc line/Tetracycline ADI: 0-30	Parent drug, simple or complexes	All Food Animals	Muscle Liver Kidney	100 300 600
		Cattle/Lamb	Milk	100
		Avian	Eggs	200
		Fish/Shrimp	Meat	100
? ? ? Phoxim ADI: 0-4	Phoxim	Cattle/Swine/Lamb	Muscle Fat Liver Kidney	50 400 50 50
		Cattle	Milk	10
? ? Piperazine ADI: 0-250	Piperazine	Swine	Muscle Skin with fat Liver Kidney	400 800 2000 1000
		Chickens	Eggs	2000
? ? ? Propetamphos ADI: 0-0.5	Propetamphos	Lamb	Fat Kidney	90 90

? ? ? ? Rafoxanide ADI: 0-2	Rafoxanide	Cattle	Muscle Fat Liver Kidney	30 30 10 40
		Lamb	Muscle Fat Liver Kidney	100 250 150 150
? ? ? Robenidine	Robenidine	Chickens	Fat Skin Edible Tissue	200 200 100
? ? ? Salinomycin	Salinomycin	Chickens	Muscle Skin/Fat Liver	600 1200 1800
? ? ? ? Sarafloxacin ADI: 0-0.3	Sarafloxacin	Chickens/Turkey	Muscle Fat Liver Kidney	10 20 80 80
		Fish	Muscle+Skin	30
? ? ? ? Semduramicin ADI: 0-180	Semduramicin	Chickens	Muscle Liver	130 400
? ? ? ? Spectinomycin ADI: 0-40	Spectinomycin	Cattle/Lamb/Swine/Chickens	Muscle Fat Liver Kidney	500 2000 2000 5000
		Cattle	Milk	200
		Chickens	Eggs	2000
? ? ? /? ? ? ? ? Streptomycin/ Dihydrostreptomycin ADI: 0-50	Sum of Streptomycin + Dihydrostreptomycin	Cattle	Milk	200
		Cattle/Sheep/Swine/Chickens	Muscle Fat Liver Kidney	600 600 600 1000

? ? ? Sulfonamides	Parent drug(total)	All Food Animals	Muscle Fat Liver Kidney	100 100 100 100
		Cattle/Sheep	Milk	100
? ? ? ? ? ? Sulfadimidine ADI: 0-50	Sulfadimidine	Cattle	Milk	25
? ? ? ? Thiabendazole ADI: 0-100	Thiadiazole benzene imidazole and 5 - hydroxy Thiadiazole benzene imidazole	Cattle/Swine/ Sheep/Goats	Muscle Fat Liver Kidney	100 100 100 100
		Cattle/Goats	Milk	100
? ? ? ? Thiamphenicol ADI: 0-5	Thiamphenicol	Cattle/Lamb	Muscle Fat Liver Kidney	50 50 50 50
		Cattle	Milk	50
		Swine	Muscle Fat Liver Kidney	50 50 50 50
		Chickens	Muscle Skin with fat Liver Kidney	50 50 50 50
		Fish	Muscle+Skin	50
? ? ? ? Tiamulin ADI: 0-30	Tiamulin+8-α-Hydroxymutilin total	Swine/Rabbit	Muscle Liver	100 500
		Chickens	Muscle Skin with fat Liver Eggs	100 100 1000 1000
		Turkey	Muscle Skin with fat Liver	100 100 300

? ? ? ? Tilmicosin ADI: 0-40	Tilmicosin	Cattle/Sheep	Muscle Fat Liver Kidney	100 100 1000 300
		Sheep	Milk	50
		Swine	Muscle Fat Liver Kidney	100 100 1500 1000
		Chickens	Muscle Skin with fat Liver Kidney	75 75 1000 250
? ? ? ? ? (? ? ? ?) Toltrazuril ADI: 0-2	Toltrazuril Sulfone	Chickens/Turkey	Muscle Skin with fat Liver Kidney	100 200 600 400
		Swine	Muscle Skin with fat Liver Kidney	100 150 500 250
? ? ? Trichlorfon ADI: 0-20	Trichlorfon	Cattle	Muscle Fat Liver Kidney Milk	50 50 50 50 50
? ? ? ? Triclabendazole ADI: 0-3	Ketotriclabendazole	Cattle	Muscle Fat Liver Kidney	200 100 300 300
		Lamb	Muscle Fat Liver Kidney	100 100 100 100

? ? ? ? Trimethoprim ADI: 0-4.2	Trimethoprim	Cattle	Muscle Fat Liver Kidney Milk	50 50 50 50 50
		Swine/Avian	Muscle Skin with fat Liver Kidney	50 50 50 50
		Horse	Muscle Fat Liver Kidney	100 100 100 100
		Fish	Muscle +Skin	50
? ? ? ? Tylosin ADI: 0-6	Tylosin A	Chickens/Turkey /Swine/Cattle	Muscle Fat Liver Kidney	200 200 200 200
		Cattle	Milk	50
		Chickens	Eggs	200
? ? ? ? ? Virginiamycin ADI: 0-250	Virginiamycin	Swine	Muscle Fat Liver Kidney Skin	100 400 300 400 400
		Avian	Muscle Fat Liver Kidney Skin	100 200 300 500 200
? ? ? ? Zoalene	Zoalene +Metabolite Total	Chickens	Muscle Fat Liver Kidney	3000 2000 6000 6000
		Turkey	Muscle Liver	3000 3000

Appendix 3: Veterinary drugs allowed for therapeutic use, but must not be detected in animal derived food.

Drug Name	Residue substance	Animal Species	Target Tissue
? ? ? Chlorpromazine	Chlorpromazine	All Food Animals	All edible Tissues
? ? ? (? ?) Diazepam	Diazepam	All Food Animals	All edible Tissues
? ? ? ? Dimetridazole	Dimetridazole	All Food Animals	All edible Tissues
? ? ? ? ? ? Estradiol Benzoate	Estradiol	All Food Animals	All edible Tissues
? ? ? B Hygromycin B	Hygromycin B	Swine/Chickens Chickens	Edible Tissue Eggs
? ? ? Metronidazole	Metronidazole	All Food Animals	All edible Tissues
? ? ? ? ? Nadrolone Phenylpropionate	Nadrolone	All Food Animals	All edible Tissues
? ? ? ? Testosterone propinate	Testosterone	All Food Animals	All edible Tissues
? ? ? Xylzaine	Xylazine	All milk producing animals	Milk

Appendix 4: Veterinary drugs prohibited for use and that must not be detected in animal derived food.

Drug Name	Prohibited Animal Species	Target Tissues
? ? ? Chloramphenicol? ? ? ? ? (? ? : ? ? ? ? ? Chloramphenico Succinate)	All Food Animals	All Edible Tissues
? ? ? ? Clenbuterol ? ? ? ? ?	All Food Animals	All Edible Tissues
? ? ? ? Salbutamol ? ? ? ? ?	All Food Animals	All Edible Tissues
? ?? ? Cimaterol ? ? ? ? ?	All Food Animals	All Edible Tissues
? ? ? Dapsone	All Food Animals	All Edible Tissues
? ? ? ? Diethylstilbestrol ? ? ? ? ?	All Food Animals	All Edible Tissues
? ? ? ? Furaltadone	All Food Animals	All Edible Tissues
? ? ? ? Furazolidone	All Food Animals	All Edible Tissues

? ?	All Food Animals	All Edible Tissues
Lindane		
? ? ? ? ? ?	All Food Animals	All Edible Tissues
Nifurstyrenate sodium		
? ? ?	All Food Animals	All Edible Tissues
Methaqualone		
? ? ? ?	All Food Animals	All Edible Tissues
Ronidazole		
? ? ? ? ?	All Food Animals	All Edible Tissues
Zeranol		
? ? ? ? ? ? ?	All Food Animals	All Edible Tissues
Trenbolone		
? ? ? ? ?	All Food Animals	All Edible Tissues
Mengestrol Acetate		
? ? ? ?	All Food Animals	All Edible Tissues
Sodium nitrophenolate		
? ? ? ?	All Food Animals	All Edible Tissues
Nitrovin		
? ? ? (? ? ?)	All Food Animals	All Edible Tissues
Camahechlor		
? ? ? (? ? ?)	All Food Animals	All Edible Tissues
Carbofuran		
? ? ? (? ? ?)	All Food Animals	All Edible Tissues
Chlordimeform		
? ? ?	Aquatic Animals	All Edible Tissues
Amitraz		
? ? ? ? ?	All Food Animals	All Edible Tissues
Antimony potassium tartrate		
? ? ? ?	All Food Animals	All Edible Tissues
Tryparsamile		
? ? ? ?	All Food Animals	All Edible Tissues
Malachite green		
? ? ? ? ?	All Food Animals	All Edible Tissues
Pentachlorophenol sodium		
? ? ? ? (? ?)	All Food Animals	All Edible Tissues
Calomel		
? ? ? ?	All Food Animals	All Edible Tissues
Mercurous nitrate		
? ? ?	All Food Animals	All Edible Tissues
Mercurous acetate		
? ? ? ? ? ?	All Food Animals	All Edible Tissues
Pyridyl mercurous acetate		
? ? ? ? ?	All Food Animals	All Edible Tissues
Methyltestosterone		

? ? ?	All Food Animals	All Edible Tissues
Trenbolone		

Terminology:
1. Residues of Veterinary Drugs: refer to all substance residues relating to drug, including prototype drugs and/or its metabolites that remain in any edible part of the animal product after the food-producing animal has been treated with the drug.
2. Total residue: refers to drug prototype and/or all of its metabolites combined that remain in any part of the animal product after the food-producing animal has been treated with the drug.
3. ADI (Acceptable Daily Intake): refers to the daily intake of a certain substance from food and water that constitutes no apparent hazard, measured on the basis of body weight (unit: μg/kg).
4. MRL (Maximum Residue Limit): maximum volume/concentration of veterinary drug allowable to remain on the surface or inside the food after the food-producing animal has been treated with the drug, measured by fresh weight (units: parts per billion [μg/kg]).
5. Food-producing Animal: refers to all animals and their products that are for human consumption.
6. Fish: refers to any known cold-blooded aquatic animal, including Pisces, Elasmobranches, and Cyclostomes, excluding aquatic mammals, invertebrates and amphibians. It should be noted that this definition could be applied to some invertebrates, in particular cephalopods.
7. Poultry: includes domesticated poultry like turkey, ducks, geese, pigeons and pearl chickens.
8. Animal Derived Food: all edible animal tissue, eggs, and milk.
9. Edible Tissues: all edible animal tissues, including muscle and organs.
10. Skin with fat: refers to edible skin with fat.
11. Muscle with skin: generally refers to fish muscle with skin.
12. By-products: all edible tissues, including lever, kidney, etc, except for muscle and fat.
13. Muscle: refers only to muscle tissue.
14. Egg: refers to in-shell eggs laid by domesticated hens.
15. Milk: refers to milk secreted from mammal species through single or multiple milking and has not been added in or extracted. This term can also refer to milk that has been processed without changing its composition or that its fat content has been altered through standardized processing in accordance with national legislations.