

PHILIPPINE NATIONAL STANDARD

PNS/BAFS 48:2015
ICS 67.020

**Veterinary drug residues in food: Maximum
Residue Limits (MRLs)**



BUREAU OF PRODUCT STANDARDS*

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***BUREAU OF PHILIPPINE STANDARDS**

Foreword

The revision of this Philippine National Standards (PNS) for Veterinary Drug Residues in Food: Maximum Residue Limits (MRLs) is an identical adaptation of the Codex Alimentarius Commission MRL 2-2012, Maximum Residue Limits for Veterinary Drugs in Food, as updated at the 35th Session of the Codex Alimentarius Commission (July 2012).

This revision updates PNS/BAFPS 48:2007, Veterinary drug residues in food: Maximum residue limits (MRLs), reflecting the international developments that have occurred since.

In the Philippines, the National Codex Organization (NCO) was formed to work in parallel with the Codex Committees. The NCO also serves as an advisory body to the government on issues arising from or related to the work of CAC (2010, MOP). The Bureau of Agriculture and Fisheries Standards, in collaboration with the Subcommittee of Veterinary Drug Residues in Food (SCRVDF) of the NCO, led by the National Meat Inspection Service (NMIS), agreed to the adoption of CAC|MRL 2-2012 as a national standard ensuring harmonization of local setting with international level and to establish food safety standard on this concern. The members of the SCRVDf served as the Technical Working Group for this standard, conducted a consultative meeting last 14 June 2013 at NMIS Conference Hall, Quezon City. Its final discussion was carried out last August 15, 2014 where SCRVDf members from the National Meat Inspection Service, Bureau of Fisheries and Aquatic Resources, Central Luzon State University, Cavite State University, Philippine Veterinary Drugs Association, Elanco, United Broilers Raisers Association, National Federation of Hog farmers, Inc., Philippine College of Swine Practitioners, Philippine College of Ruminant Practitioners, Philippine Carabao Center, and Food Development Center concurred to the suggested revision on the PNS.

Veterinary drug residues in food: Maximum Residue Limits (MRLs)

Species	Tissue	MRL ($\mu\text{g}/\text{kg}$)	Symbols	Notes
ABAMECTIN				
Cattle	Liver	100		
	Kidney	50		
	Fat	100		
ALBENDAZOLE				
Not specified	Muscle	100		
	Liver	5000		
	Kidney	5000		
	Fat	100		
	Milk ($\mu\text{g}/\text{l}$)	100		
AMOXICILLIN				
Cattle	Muscle	50		
	Liver	50		
	Kidney	50		
	Fat	50		
	Milk	4		
Sheep	Muscle	50		
	Liver	50		
	Kidney	50		
	Fat	50		
	Milk	4		
Pigs	Muscle	50		
	Liver	50		
	Kidney	50		
	Fat/Skin	50		
AVILAMYCIN				
Pigs	Muscle	200		
	Liver	300		
	Kidney	200		
	Fat/Skin	200		
Chicken	Muscle	200		
	Liver	300		
	Kidney	200		
	Fat/Skin	200		
Turkey	Muscle	200		
	Liver	300		
	Kidney	200		
	Fat/Skin	200		

Species	Tissue	MRL (µg/kg)	Symbols	Notes
Rabbits	Muscle	200		
	Liver	300		
	Kidney	200		
	Fat/Skin	200		
AZAPERONE				
Pig	Muscle	60		
	Liver	100		
	Kidney	100		
	Fat	60		
BENZYLPENICILLIN/PROCAINE BENZYLPENICILLIN				
Cattle	Muscle	50		
	Liver	50		
	Kidney	50		
	Milk (µg/l)	4		
Chicken	Muscle	50		Applies to procaine benzylpenicillin only
	Liver	50		Applies to procaine benzylpenicillin only
	Kidney	50		Applies to procaine benzylpenicillin only
Pig	Muscle	50		
	Liver	50		
	Kidney	50		
CARAZOLOL				
Pig	Muscle	5		The concentration at the injection site two hours after treatment may result in an intake that exceeds the acute RfD and therefore, an appropriate withdrawal period should be applied
	Liver	25		
	Kidney	25		
	Fat/Skin	5		The concentration at the injection site two hours after treatment may result in an intake that exceeds the acute RfD and therefore, an appropriate withdrawal period should be applied
CEFTIOFUR				
Cattle	Muscle	1000		
	Liver	2000		
	Kidney	6000		
	Fat	2000		
	Milk (µg/l)	100		
Pig	Muscle	1000		
	Liver	2000		
	Kidney	6000		
	Fat	2000		

Species	Tissue	MRL (µg/kg)	Symbols	Notes
CHLORTETRACYCLINE/OXYTETRACYCLINE/TETRACYCLINE				
Cattle	Muscle	200		
	Liver	600		
	Kidney	1200		
	Milk	100		
Fish	Muscle	200		Applies only to oxytetracycline
Giant prawn (<i>Paeneus monodon</i>)	Muscle	200		Applies only to oxytetracycline
Pig	Muscle	200		
	Liver	600		
	Kidney	1200		
Poultry	Muscle	200		
	Liver	600		
	Kidney	1200		
	Eggs	400		
Sheep	Muscle	200		
	Liver	600		
	Kidney	1200		
	Milk (µg /l)	100		
CLENBUTEROL				
Cattle	Muscle	0.2		Due to the potential abuse of this drug, the MRLs are recommended only when associated with a national approved therapeutic use, such as tocolysis or as an adjunct therapy in respiratory diseases
	Liver	0.6		Due to the potential abuse of this drug, the MRLs are recommended only when associated with a national approved therapeutic use, such as tocolysis or as an adjunct therapy in respiratory diseases
	Kidney	0.6		Due to the potential abuse of this drug, the MRLs are recommended only when associated with a national approved therapeutic use, such as tocolysis or as an adjunct therapy in respiratory diseases
	Fat	0.2		Due to the potential abuse of this drug, the MRLs are recommended only when associated with a national approved therapeutic use, such as tocolysis or as an adjunct therapy in respiratory diseases
	Milk (µg /l)	0.05		Due to the potential abuse of this drug, the MRLs are recommended only when associated with a national approved therapeutic use, such as tocolysis or as an adjunct therapy in respiratory diseases

Species	Tissue	MRL (µg/kg)	Symbols	Notes
Horse	Muscle	0.2		Due to the potential abuse of this drug, the MRLs are recommended only when associated with a national approved therapeutic use, such as tocolysis or as an adjunct therapy in respiratory diseases
	Liver	0.6		Due to the potential abuse of this drug, the MRLs are recommended only when associated with a national approved therapeutic use, such as tocolysis or as an adjunct therapy in respiratory diseases.
	Kidney	0.6		Due to the potential abuse of this drug, the MRLs are recommended only when associated with a national approved therapeutic use, such as tocolysis or as an adjunct therapy in respiratory diseases.
	Fat	0.2		Due to the potential abuse of this drug, the MRLs are recommended only when associated with a national approved therapeutic use, such as tocolysis or as an adjunct therapy in respiratory diseases.
CLOSANTEL				
Cattle	Muscle	1000		
	Liver	1000		
	Kidney	3000		
	Fat	3000		
Sheep	Muscle	1500		
	Liver	1500		
	Kidney	5000		
	Fat	2000		
COLISTIN				
Cattle	Muscle	150		
	Liver	150		
	Kidney	200		
	Fat	150		
	Milk	50		
Sheep	Muscle	150		
	Liver	150		
	Kidney	200		
	Fat	150		
	Milk	50		
Goat	Muscle	150		
	Liver	150		
	Kidney	200		
	Fat	150		
Pig	Muscle	150		
	Liver	150		
	Kidney	200		
	Fat	150		The MRL includes skin + fat

Species	Tissue	MRL (µg/kg)	Symbols	Notes
Chicken	Muscle	150		
	Liver	150		
	Kidney	200		
	Fat	150		The MRL includes skin + fat
	Eggs	300		
Turkey	Muscle	150		
	Liver	150		
	Kidney	200		
	Fat	150		The MRL includes skin + fat
Rabbit	Muscle	150		
	Liver	150		
	Kidney	200		
	Fat	150		
CYFLUTHRIN				
Cattle	Muscle	20		
	Liver	20		
	Kidney	20		
	Fat	200		
	Milk (ug/l)	40		
CYHALOTHRIN				
Cattle	Muscle	20		
	Liver	20		
	Kidney	20		
	Fat	400		
	Milk	30		
Pig	Muscle	20		
	Liver	20		
	Kidney	20		
	Fat	400		
Sheep	Muscle	20		
	Liver	50		
	Kidney	20		
	Fat	400		
CYPERMETHRIN AND ALPHA-CYPERMETHRIN				
Cattle	Muscle	50		
	Liver	50		
	Kidney	50		
	Fat	1000		
	Milk	100		
Sheep	Muscle	50		
	Liver	50		
	Kidney	50		
	Fat	1000		

Species	Tissue	MRL (µg/kg)	Symbols	Notes
DANOFLOXACIN				
Cattle	Muscle	200		
	Liver	400		
	Kidney	400		
	Fat	100		
Chicken	Muscle	200		
	Liver	400		
	Kidney	400		
	Fat	100		Fat/skin in normal proportion
Pig	Muscle	100		
	Liver	50		
	Kidney	200		
	Fat	100		
DELTAMETHRIN				
Cattle	Muscle	30		
	Liver	50		
	Kidney	50		
	Fat	500		
	Milk	30		
Chicken	Muscle	30		
	Liver	50		
	Kidney	50		
	Fat	500		
	Eggs	30		
Salmon	Muscle	30		
Sheep	Muscle	30		
	Liver	50		
	Kidney	50		
	Fat	500		
DEXAMETHASONE				
Cattle	Muscle	1.0		
	Liver	2.0		
	Kidney	1.0		
	Milk (ug/l)	0.3		
Pig	Muscle	1.0		
	Liver	2.0		
	Kidney	1.0		
Horses	Muscle	1.0		
	Liver	2.0		
	Kidney	1.0		

Species	Tissue	MRL (µg/kg)	Symbols	Notes
DICLAZURIL				
Poultry	Muscle	500		
	Liver	3000		
	Kidney	2000		
	Fat/Skin	1000		
Rabbit	Muscle	500		
	Liver	3000		
	Kidney	2000		
	Fat	1000		
Sheep	Muscle	500		
	Liver	3000		
	Kidney	2000		
	Fat	1000		
DICYCLANIL				
Sheep	Muscle	150		
	Liver	125		
	Kidney	125		
	Fat	200		
DIHYDROSTREPTOMYCIN/STREPTOMYCIN				
Cattle	Muscle	600		
	Liver	600		
	Kidney	1000		
	Fat	600		
	Milk	200		
Chicken	Muscle	600		
	Liver	600		
	Kidney	1000		
	Fat	600		
Pig	Muscle	600		
	Liver	600		
	Kidney	1000		
	Fat	600		
Sheep	Muscle	600		
	Liver	600		
	Kidney	1000		
	Fat	600		
	Milk	200		
DIMINAZENE				
Cattle	Muscle	500		
	Liver	12000		
	Kidney	6000		
	Milk (ug/l)	150		Limit of quantification of the analytical method

Species	Tissue	MRL (µg/kg)	Symbols	Notes
DORAMECTIN				
Cattle	Muscle	10		High concentration of residues at the injection site over a 35 day period after subcutaneous or intramuscular administration of the drug at the recommended dose.
	Liver	100		
	Kidney	30		
	Fat	150		High concentration of residues at the injection site over a 35 day period after subcutaneous or intramuscular administration of the drug at the recommended dose.
	Milk	15		Depending on the route and/or time administration the use of doramectin in dairy cows may result in extended withdrawal periods in milk. This may be addressed in national/regional regulatory programs
Pig	Muscle	5		
	Liver	100		
	Kidney	30		
	Fat	150		
EPRINOMECTIN				
Cattle	Muscle	100		
	Liver	2000		
	Kidney	300		
	Fat	250		
	Milk (ug/l)	20		
ERYTHROMYCIN				
Chicken	Muscle	100		
	Liver	100		
	Kidney	100		
	Fat	100		The MRL includes skin + fat
	Eggs	50		
Turkey	Muscle	100		
	Liver	100		
	Kidney	100		
	Fat	100		The MRL includes skin + fat
ESTRADIOL				
Cattle	Muscle	Unneces sary		Residues resulting from the use of this substance as a growth promoter in accordance with good animal husbandry practice are unlikely to pose a hazard to human health
	Liver	Unneces sary		Residues resulting from the use of this substance as a growth promoter in accordance with good animal husbandry practice are unlikely to pose a hazard to human health

Species	Tissue	MRL (µg/kg)	Symbols	Notes
	Kidney	Unneces sary		Residues resulting from the use of this substance as a growth promoter in accordance with good animal husbandry practice are unlikely to pose a hazard to human health
	Fat	Unneces sary		Residues resulting from the use of this substance as a growth promoter in accordance with good animal husbandry practice are unlikely to pose a hazard to human health
FEBANTEL/FENBENDAZOLE/OXFENDAZOLE				
Cattle	Muscle	100		
	Liver	500		
	Kidney	100		
	Fat	100		
	Milk (µg /l)	100		
Goat	Muscle	100		
	Liver	500		
	Kidney	100		
	Fat	100		
Horse	Muscle	100		
	Liver	500		
	Kidney	100		
	Fat	100		
Pig	Muscle	100		
	Liver	500		
	Kidney	100		
	Fat	100		
Sheep	Muscle	100		
	Liver	500		
	Kidney	100		
	Fat	100		
	Milk (µg /l)	100		
	Liver	500		
	Kidney	100		
	Fat	100		
Pig	Muscle	100		
	Liver	500		
	Kidney	100		
	Fat	100		
Sheep	Muscle	100		
	Liver	500		
	Kidney	100		
	Fat	100		
	Milk (µg /l)	100		

Species	Tissue	MRL (µg/kg)	Symbols	Notes
FLUAZURON				
Cattle	Muscle	200		
	Liver	500		
	Kidney	500		
	Fat	7000		
FLUBENDAZOLE				
Pig	Muscle	10		
	Liver	10		
Poultry	Muscle	200		
	Liver	500		
	Eggs	400		
FLUMEQUINE				
Cattle	Muscle	500		
	Liver	500		
	Kidney	3000		
	Fat	1000		
Chicken	Muscle	500		
	Liver	500		
	Kidney	3000		
	Fat	1000		
Pig	Muscle	500		
	Liver	500		
	Kidney	3000		
	Fat	1000		
Sheep	Muscle	500		
	Liver	500		
	Kidney	3000		
	Fat	1000		
Trout	Muscle	500		Muscle including normal proportion of skin
GENTAMICIN				
Cattle	Muscle	100		
	Liver	2000		
	Kidney	5000		
	Fat	100		
	Milk (µg /l)	200		
Pig	Muscle	100		
	Liver	2000		
	Kidney	5000		
	Fat	100		
IMIDOCARB				
Cattle	Muscle	300		
	Liver	1500		
	Kidney	2000		
	Fat	50		
	Milk	50		

Species	Tissue	MRL (µg/kg)	Symbols	Notes
ISOMETAMIDIUM				
Cattle	Muscle	100		
	Liver	500		
	Kidney	1000		
	Fat	100		
	Milk (µg /l)	100		
IVERMECTIN				
Cattle	Liver	100		
	Fat	40		
	Milk	10		
Pig	Liver	15		
	Fat	20		
Sheep	Liver	15		
	Fat	20		
LEVAMISOLE				
Cattle	Muscle	10		
	Liver	100		
	Kidney	10		
	Fat	10		
Pig	Muscle	10		
	Liver	100		
	Kidney	10		
	Fat	10		
Poultry	Muscle	10		
	Liver	100		
	Kidney	10		
	Fat	10		
Sheep	Muscle	10		
	Liver	100		
	Kidney	10		
	Fat	10		
LINCOMYCIN				
Cattle	Milk	150		
Chicken	Muscle	200		
	Liver	500		
	Kidney	500		
	Fat	100		Additional MRL for skin with adhering fat of 300 µg /kg.
Pig	Muscle	200		
	Liver	500		
	Kidney	1500		
	Fat	100		Additional MRL for skin with adhering fat of 300 µg /kg.

Species	Tissue	MRL (µg/kg)	Symbols	Notes
MELENGESTROL ACETATE				
Cattle	Muscle	1		
	Liver	10		
	Kidney	2		
	Fat	18		
MONENSIN				
Cattle	Muscle	10		
	Liver	100		
	Kidney	10		
	Fat	100		
	Milk	2		
Sheep	Muscle	10		
	Liver	20		
	Kidney	10		
	Fat	100		
Goats	Muscle	10		
	Liver	20		
	Kidney	10		
	Fat	100		
Chicken	Muscle	10		
	Liver	10		
	Kidney	10		
	Fat	100		
Turkey	Muscle	10		
	Liver	10		
	Kidney	10		
	Fat	100		
Quail	Muscle	10		
	Liver	10		
	Kidney	10		
	Fat	100		
MOXIDECTIN				
Cattle	Muscle	20		Very high concentration and great variation in the level of residues at the injection site in cattle over a 49 day period after dosing
	Liver	100		
	Kidney	50		
	Fat	500		
Deer	Muscle	20		
	Liver	100		
	Kidney	50		
	Fat	500		
Sheep	Muscle	50		
	Liver	100		
	Kidney	50		
	Fat	500		

Species	Tissue	MRL (µg/kg)	Symbols	Notes
NARASIN				
Cattle	Muscle	15		
	Liver	50		
	Kidney	15		
	Fat	50		
Chicken	Muscle	15		
	Liver	50		
	Kidney	15		
	Fat	50		
Pig	Muscle	15		
	Liver	50		
	Kidney	15		
	Fat	50		
NEOMYCIN				
Cattle	Muscle	500		
	Liver	500		
	Kidney	10000		
	Fat	500		
	Milk	1500		
Chicken	Muscle	500		
	Liver	500		
	Kidney	10000		
	Fat	500		
	Eggs	500		
Duck	Muscle	500		
	Liver	500		
	Kidney	10000		
	Fat	500		
Goat	Muscle	500		
	Liver	500		
	Kidney	10000		
	Fat	500		
Pig	Muscle	500		
	Liver	500		
	Kidney	10000		
	Fat	500		
Sheep	Muscle	500		
	Liver	500		
	Kidney	10000		
	Fat	500		
Turkey	Muscle	500		
	Liver	500		
	Kidney	10000		
	Fat	500		

Species	Tissue	MRL (µg/kg)	Symbols	Notes
NICARBAZIN				
Chicken	Muscle	200		Broilers
	Liver	200		Broilers
	Kidney	200		Broilers
	Fat/skin	200		Broilers
PHOXIM				
Goat	Muscle	50		
	Liver	50		
	Kidney	50		
	Fat	400		
Pig	Muscle	50		
	Liver	50		
	Kidney	50		
	Fat	400		
Sheep	Muscle	50		
	Liver	50		
	Kidney	50		
	Fat	400		
PIRLIMYCIN				
Cattle	Muscle	100		
	Liver	1000		
	Kidney	400		
	Fat	100		
	Milk	100		JECFA evaluated the effect of pirlimycin residues on starter cultures and for this reason recommended an MRL of 100 µg/kg of milk. Codex members may therefore adapt national/regional MRLs in order to address this technological aspect for trade of fresh liquid milk intended for processing using starter culture
PORCINE SOMATOTROPIN				
Pig	Muscle	Not specified		
	Liver	Not specified		
	Kidney	Not specified		
	Fat	Not specified		
PROGESTERONE				
Cattle	Muscle	Unnecessary		Residues resulting from the use of this substances as a growth promoter in accordance with good animal husbandry practice are unlikely to pose a hazard to human health.

Species	Tissue	MRL (µg/kg)	Symbols	Notes
	Liver	Unneces sary		Residues resulting from the use of this substances as a growth promoter in accordance with good animal husbandry practice are unlikely to pose a hazard to human health.
	Kidney	Unneces sary		Residues resulting from the use of this substances as a growth promoter in accordance with good animal husbandry practice are unlikely to pose a hazard to human health.
	Fat	Unneces sary		Residues resulting from the use of this substances as a growth promoter in accordance with good animal husbandry practice are unlikely to pose a hazard to human health.
RACTOPAMINE				
Cattle	Muscle	10		
	Liver	40		
	Kidney	90		
	Fat	10		
Pigs	Muscle	10		
	Liver	40		
	Kidney	90		
	Fat	10		The MRL includes skin + fat
SARAFLOXACIN				
Chicken	Muscle	10		
	Liver	80		
	Kidney	80		
	Fat	20		
Turkey	Muscle	10		
	Liver	80		
	Kidney	80		
	Fat	20		
SPECTINOMYCIN				
Cattle	Muscle	500		
	Liver	2000		
	Kidney	5000		
	Fat	2000		
	Milk (ug/l)	200		
Chicken	Muscle	500		
	Liver	2000		
	Kidney	5000		
	Fat	2000		
	Eggs	2000		
Pig	Muscle	500		
	Liver	2000		
	Kidney	5000		
	Fat	2000		

Species	Tissue	MRL (µg/kg)	Symbols	Notes
Sheep	Muscle	500		
	Liver	2000		
	Kidney	5000		
	Fat	2000		
SPIRAMYCIN				
Cattle	Muscle	200		
	Liver	600		
	Kidney	300		
	Fat	300		
	Milk (ug/l)	200		
Chicken	Muscle	200		
	Liver	600		
	Kidney	800		
	Fat	300		
Pig	Muscle	200		
	Liver	600		
	Kidney	300		
	Fat	300		
SULFADIMIDINE				
Cattle	Milk (ug/l)	25		
Not specified	Muscle	100		
	Liver	100		
	Kidney	100		
	Fat	100		
TESTOSTERONE				
Cattle	Muscle	Unneces sary		Residues resulting from the use of this substances as a growth promoter in accordance with good animal husbandry practice are unlikely to pose a hazard to human health.
	Liver	Unneces sary		Residues resulting from the use of this substances as a growth promoter in accordance with good animal husbandry practice are unlikely to pose a hazard to human health.
	Kidney	Unneces sary		Residues resulting from the use of this substances as a growth promoter in accordance with good animal husbandry practice are unlikely to pose a hazard to human health.
	Fat	Unneces sary		Residues resulting from the use of this substances as a growth promoter in accordance with good animal husbandry practice are unlikely to pose a hazard to human health.

Species	Tissue	MRL (µg/kg)	Symbols	Notes
THIABENDAZOLE				
Cattle	Muscle	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use.
	Liver	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
	Kidney	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
	Fat	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
	Milk (ug/l)	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
Goat	Muscle	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
	Liver	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
	Kidney	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
	Fat	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
	Milk (ug/l)	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
Pig	Muscle	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
	Liver	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
	Kidney	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
	Fat	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
Sheep	Muscle	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
	Liver	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
	Kidney	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use
	Fat	100		The MRL also covers residues derived from feed containing the residues resulted from agricultural use

Species	Tissue	MRL (µg/kg)	Symbols	Notes
TILMICOSIN				
Cattle	Muscle	100		
	Liver	1000		
	Kidney	300		
	Fat	100		
Chicken	Muscle	150		
	Liver	2400		
	Kidney	600		
	Skin/fat	250		
Pig	Muscle	100		
	Liver	1500		
	Kidney	1000		
	Fat	100		
Sheep	Muscle	100		
	Liver	1000		
	Kidney	300		
	Fat	100		
Turkey	Muscle	100		
	Kidney	1200		
	Liver	1400		
	Skin/fat	250		
TRENBOLONE ACETATE				
Cattle	Muscle	2		
	Liver	10		
TRICHLORFON (METRIFONATE)				
Cattle	Milk	50		
TRICLABENDAZOLE				
Cattle	Muscle	250		
	Liver	850		
	Kidney	400		
	Fat	100		
Sheep	Muscle	200		
	Liver	300		
	Kidney	200		
	Fat	100		
TYLOSIN				
Cattle	Muscle	100		
	Liver	100		
	Kidney	100		
	Fat	100		
	Milk	100		
Pig	Muscle	100		
	Liver	100		
	Kidney	100		
	Fat	100		

Species	Tissue	MRL (µg/kg)	Symbols	Notes
Chicken	Muscle	100		
	Liver	100		
	Kidney	100		
	Fat/skin	100		
	Eggs	300		
ZERANOL				
Cattle	Muscle	2		
	Liver	10		

your partner in product quality and safety



BUREAU OF PRODUCT STANDARDS*

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