



This List of Maximum Residue Limits (MRLs) for Veterinary Drugs in Foods sets out the level of residue that could safely remain in the tissue or food product derived from a food-producing animal that has been treated with a veterinary drug. It is incorporated by reference in the [Marketing Authorization for Maximum Residue Limits for Veterinary Drugs in Foods](#).

Publication date: May 22 2013

List of Maximum Residue Limits (MRLs) for Veterinary Drugs in Foods

Column I Veterinary Drug	Column II Name of the Substance for Drug Analysis Purposes	Column III Foods	Column IV Maximum Residue Limits p.p.m.
Albendazole	Albendazole-2-aminosulfone	Liver of cattle	0.2
Altrenogest	Altrenogest	Kidney of swine	0.002
		Liver of swine	0.001
Ampicillin	Ampicillin	Fat of cattle	0.01
		Kidney of cattle	0.01
		Liver of cattle	0.01
		Muscle of cattle	0.01
		Kidney of swine	0.01
		Liver of swine	0.01
		Muscle of swine	0.01
		Skin and fat of swine	0.01
		Milk of cattle	0.01
Amprolium	Amprolium	Kidney of chickens	1.0
		Liver of chickens	1.0
		Muscle of chickens	0.5
		Kidney of turkeys	1.0
		Liver of turkeys	1.0
		Muscle of turkeys	0.5
		Eggs	7.0
Apramycin	Apramycin	Kidney of swine	0.1
Arsanilic acid	Arsenic	Liver of chickens	2.0
		Muscle of chickens	0.5
		Liver of swine	2.0
		Muscle of swine	0.5
		Liver of turkeys	2.0
		Muscle of turkeys	0.5
		Eggs	0.5
Buquinolate	Buquinolate	Kidney of chickens	0.4

		Liver of chickens	0.4
		Muscle of chickens	0.1
		Skin and fat of chickens	0.4
Ceftiofur	Desfuroyl-ceftiofur	Fat of cattle	2.0
		Kidney of cattle	6.0
		Liver of cattle	2.0
		Muscle of cattle	1.0
		Fat of sheep	2.0
		Kidney of sheep	6.0
		Liver of sheep	2.0
		Muscle of sheep	1.0
		Kidney of swine	5.0
		Liver of swine	2.0
		Muscle of swine	1.0
		Skin and fat of swine	2.0
		Milk of cattle	0.1
		Cephapirin	Cephapirin
Kidney of cattle	0.1		
Liver of cattle	0.1		
Muscle of cattle	0.1		
Milk of cattle	0.02		
Chlortetracycline	Chlortetracycline	Fat of calves	1.0
		Kidney of calves	4.0
		Liver of calves	4.0
		Muscle of calves	1.0
		Kidney of cattle	0.1
		Liver of cattle	0.1
		Muscle of cattle	0.1
		Kidney of chickens	4.0
		Liver of chickens	1.0
		Muscle of chickens	1.0
		Skin and fat of chickens	1.0
		Kidney of sheep	1.0
		Liver of sheep	0.5
		Muscle of sheep	0.1
		Kidney of swine	4.0
		Liver of swine	2.0
Muscle of swine	1.0		
Skin and fat of swine	0.2		
		Kidney of turkeys	4.0

		Liver of turkeys	1.0
		Muscle of turkeys	1.0
		Skin and fat of turkeys	1.0
Clopidol	Clopidol	Kidney of chickens	15.0
		Liver of chickens	15.0
		Muscle of chickens	5.0
		Kidney of turkeys	15.0
		Liver of turkeys	15.0
		Muscle of turkeys	5.0
Danofloxacin	Danofloxacin	Kidney of cattle	0.4
		Liver of cattle	0.07
		Muscle of cattle	0.07
Decoquate	Decoquate	Fat of cattle	2.0
		Kidney of cattle	2.0
		Liver of cattle	2.0
		Muscle of cattle	1.0
		Kidney of chickens	2.0
		Liver of chickens	2.0
		Muscle of chickens	1.0
		Skin and fat of chickens	2.0
		Fat of goats	2.0
		Kidney of goats	2.0
		Liver of goats	2.0
		Muscle of goats	1.0
		Diclazuril	Diclazuril
Muscle of chickens	0.5		
Skin and fat of chickens	1.0		
Liver of turkeys	3.0		
Muscle of turkeys	0.5		
Skin and fat of turkeys	1.0		
Dihydrostreptomycin	Dihydrostreptomycin	Milk of cattle	0.125
Dinitolmide (Zoalene)	Dinitolmide, including the metabolite 3-amino-5-nitro-o-toluamide	Kidney of chickens	6.0
		Liver of chickens	6.0
		Muscle of chickens	3.0
		Skin and fat of chickens	2.0
		Liver of turkeys	3.0
		Muscle of turkeys	3.0
		Skin and fat of	3.0

		turkeys	
Doramectin	Doramectin	Liver of cattle	0.07
		Muscle of cattle	0.03
		Liver of swine	0.035
		Muscle of swine	0.01
Enrofloxacin	Desethylene ciprofloxacin	Liver of cattle	0.07
		Muscle of cattle	0.02
Eprinomectin	Eprinomectin B _{1a}	Liver of cattle	1.0
		Muscle of cattle	0.1
		Milk of cattle	0.02
Erythromycin	Erythromycin	Kidney of chickens	0.125
		Liver of chickens	0.125
		Muscle of chickens	0.125
		Skin and fat of chickens	0.125
		Kidney of swine	0.1
		Liver of swine	0.1
		Muscle of swine	0.1
		Skin and fat of swine	0.1
		Kidney of turkeys	0.125
		Liver of turkeys	0.125
		Muscle of turkeys	0.125
		Skin and fat of turkeys	0.125
		Milk of cattle	0.05
Fenbendazole	Fenbendazole	Liver of cattle	0.45
		Liver of swine	4.5
Florfenicol	Florfenicol amine	Liver of cattle	2.0
		Muscle of cattle	0.2
		Muscle of salmonids	0.8
		Liver of swine	1.4
		Muscle of swine	0.25
Flunixin	Flunixin free acid	Liver of cattle	0.08
		Muscle of cattle	0.02
Gentamicin	Gentamicin	Kidney of swine	0.4
		Kidney of turkeys	0.1
		Liver of turkeys	0.1
		Muscle of turkeys	0.1
		Skin and fat of turkeys	0.1
Halofuginone	Halofuginone	Liver of chickens	0.1
Hydrocortisone	Hydrocortisone	Milk of cattle	0.01
Ivermectin	22, 23-dihydro-avermectin B _{1a}	Liver of cattle	0.07

		Liver of sheep	0.03
		Liver of swine	0.015
Ketoprofen	Ketoprofen	Kidney of cattle	0.8
		Muscle of cattle	0.25
		Kidney of swine	0.5
		Muscle of swine	0.1
		Milk of cattle	0.05
Lasalocid	Lasalocid	Liver of cattle	0.65
		Skin and fat of chickens	0.35
Levamisole hydrochloride	Levamisole	Fat of cattle	0.1 - calculated as levamisole hydrochloride
		Kidney of cattle	
		Liver of cattle	
		Muscle of cattle	
		Fat of sheep	
		Kidney of sheep	
		Liver of sheep	
		Muscle of sheep	
		Kidney of swine	
		Liver of swine	
		Muscle of swine	
		Skin and fat of swine	
Lincomycin	Lincomycin	Liver of chickens	0.5
		Muscle of chickens	0.1
		Liver of swine	0.5
		Muscle of swine	0.1
Maduramicin	Maduramicin	Skin and fat of chickens	0.4
Melengestrol acetate	Melengestrol acetate	Fat of cattle	0.014
		Liver of cattle	0.006
Monensin	Monensin	Fat of cattle	0.05
		Kidney of cattle	0.05
		Liver of cattle	0.05
		Muscle of cattle	0.05
		Kidney of chickens	0.05
		Liver of chickens	0.05
		Muscle of chickens	0.05
		Skin and fat of chickens	0.05
		Kidney of turkeys	0.05
		Liver of turkeys	0.05
		Muscle of turkeys	0.05
		Skin and fat of	0.05

		turkeys	
		Milk of cattle	0.01
Morantel tartrate	N-methyl-1,3-propanediamine	Liver of cattle	0.5
		Milk of cattle	0.1
Moxidectin	Moxidectin	Fat of cattle	0.55
Narasin	Narasin	Fat of chickens	0.5
		Muscle of chickens	0.05
		Liver of swine	0.05
		Muscle of swine	0.05
Neomycin	Neomycin	Fat of calves	0.25
		Kidney of calves	0.25
		Liver of calves	0.25
		Muscle of calves	0.25
Nicarbazin	N,N1-bis(4-nitrophenyl)urea	Kidney of chickens	4.0
		Liver of chickens	4.0
		Muscle of chickens	4.0
		Skin and fat of chickens	4.0
Nitarsons	Arsenic	Liver of turkeys	2.0
		Muscle of turkeys	0.5
Novobiocin	Novobiocin	Fat of cattle	1.0
		Kidney of cattle	1.0
		Liver of cattle	1.0
		Muscle of cattle	1.0
		Kidney of chickens	1.0
		Liver of chickens	1.0
		Muscle of chickens	1.0
		Skin and fat of chickens	1.0
		Kidney of turkeys	1.0
		Liver of turkeys	1.0
		Muscle of turkeys	1.0
		Skin and fat of turkeys	1.0
Oxytetracycline	Oxytetracycline	Fat of cattle	1.2
		Kidney of cattle	1.2
		Liver of cattle	0.6
		Muscle of cattle	0.2
		Kidney of chickens	1.2
		Liver of chickens	0.6
		Muscle of chickens	0.2
		Skin and fat of chickens	1.2

		Muscle of lobsters	0.2
		Muscle of salmonids	0.2
		Fat of sheep	1.2
		Kidney of sheep	1.2
		Liver of sheep	0.6
		Muscle of sheep	0.2
		Kidney of swine	1.2
		Liver of swine	0.6
		Muscle of swine	0.2
		Skin and fat of swine	1.2
		Kidney of turkeys	1.2
		Liver of turkeys	0.6
		Muscle of turkeys	0.2
		Skin and fat of turkeys	1.2
		Eggs	0.4
		Honey	0.3
Penicillin G	Penicillin G	Fat of cattle	0.05
		Kidney of cattle	0.05
		Liver of cattle	0.05
		Muscle of cattle	0.05
		Kidney of swine	0.05
		Liver of swine	0.05
		Muscle of swine	0.05
		Skin and fat of swine	0.05
		Kidney of turkeys	0.01
		Liver of turkeys	0.01
		Muscle of turkeys	0.01
		Skin and fat of turkeys	0.01
		Milk of cattle	0.01 I.U./ml
Pirlimycin	Pirlimycin	Liver of cattle	0.5
		Muscle of cattle	0.3
		Milk of cattle	0.4
Polymyxin B	Polymyxin B	Milk of cattle	4.0 u/ml
Pyrantel tartrate	N-methyl-1,3-propanediamine	Kidney of swine	10.0 - calculated as pyrantel tartrate
		Liver of swine	
		Muscle of swine	
			1.0 - calculated as pyrantel tartrate
Robenidine hydrochloride	Robenidine	Kidney of chickens	0.1 - calculated as robenidine hydrochloride
		Liver of chickens	
		Muscle of chickens	
		Skin and fat of	0.2 - calculated as

		chickens	robenidine hydrochloride
Roxarsone	Arsenic	Liver of chickens	2.0
		Muscle of chickens	0.5
		Liver of swine	2.0
		Muscle of swine	0.5
		Liver of turkeys	2.0
		Muscle of turkeys	0.5
		Eggs	0.5
Salinomycin	Salinomycin	Liver of cattle	0.35
		Skin and fat of chickens	0.35
		Liver of swine	0.35
Spectinomycin	Spectinomycin	Kidney of chickens	0.1
		Liver of chickens	0.1
		Muscle of chickens	0.1
		Skin and fat of chickens	0.1
Streptomycin	Streptomycin	Milk of cattle	0.125
Sulfabenzamide	Sulfabenzamide	Fat of cattle	0.1 - singly or in combination with other sulfonamides listed in this Table
		Kidney of cattle	
		Liver of cattle	
		Muscle of cattle	
		Fat of sheep	
		Kidney of sheep	
		Liver of sheep	
		Muscle of sheep	
		Milk of cattle	0.01 - singly or in combination with other sulfonamides listed in this Table
Sulfacetamide	Sulfacetamide	Fat of cattle	0.1 - singly or in combination with other sulfonamides listed in this Table
		Kidney of cattle	
		Liver of cattle	
		Muscle of cattle	
		Fat of sheep	
		Kidney of sheep	
		Liver of sheep	
		Muscle of sheep	
		Milk of cattle	0.01 - singly or in combination with other sulfonamides listed in this Table
Sulfachlorpyridazine	Sulfachlorpyridazine	Fat of cattle	0.1 - singly or in

		Kidney of cattle Liver of cattle Muscle of cattle Kidney of swine Liver of swine Muscle of swine Skin and fat of swine	combination with other sulfonamides listed in this Table
Sulfadiazine	Sulfadiazine	Fat of cattle Kidney of cattle Liver of cattle Muscle of cattle Fat of horses Kidney of horses Liver of horses Muscle of horses Muscle of salmonids Fat of sheep Kidney of sheep Liver of sheep Muscle of sheep Kidney of swine Liver of swine Muscle of swine Skin and fat of swine	0.1 - singly or in combination with other sulfonamides listed in this Table
Sulfadimethoxine	Sulfadimethoxine	Fat of cattle Kidney of cattle Liver of cattle Muscle of cattle Kidney of chickens Liver of chickens Muscle of chickens Skin and fat of chickens Fat of horses Kidney of horses Liver of horses Muscle of horses Muscle of salmonids Kidney of swine Liver of swine Muscle of swine Skin and fat of swine	0.1 - singly or in combination with other sulfonamides listed in this Table

		Kidney of turkeys	
		Liver of turkeys	
		Muscle of turkeys	
		Skin and fat of turkeys	
		Milk of cattle	0.01 - singly or in combination with other sulfonamides listed in this Table
Sulfadoxine	Sulfadoxine	Fat of cattle	0.1 - singly or in combination with other sulfonamides listed in this Table
		Kidney of cattle	
		Liver of cattle	
		Muscle of cattle	
		Kidney of swine	
		Liver of swine	
		Muscle of swine	
		Skin and fat of swine	
		Milk of cattle	0.01 - singly or in combination with other sulfonamides listed in this Table
Sulfaethoxypyridazine	Sulfaethoxypyridazine	Fat of cattle	0.1 - singly or in combination with other sulfonamides listed in this Table
		Kidney of cattle	
		Liver of cattle	
		Muscle of cattle	
		Kidney of swine	
		Liver of swine	
		Muscle of swine	
		Skin and fat of swine	
		Milk of cattle	0.01 - singly or in combination with other sulfonamides listed in this Table
Sulfaguanidine	Sulfaguanidine	Fat of cattle	0.1 - singly or in combination with other sulfonamides listed in this Table
		Kidney of cattle	
		Liver of cattle	
		Muscle of cattle	
		Fat of horses	
		Kidney of horses	
		Liver of horses	
		Muscle of horses	
		Fat of rabbits	
		Kidney of rabbits	
		Liver of rabbits	

		Muscle of rabbits Fat of sheep Kidney of sheep Liver of sheep Muscle of sheep Kidney of swine Liver of swine Muscle of swine Skin and fat of swine Milk of cattle	 0.01 - singly or in combination with other sulfonamides listed in this Table
Sulfamerazine	Sulfamerazine	Fat of cattle Kidney of cattle Liver of cattle Muscle of cattle Fat of sheep Kidney of sheep Liver of sheep Muscle of sheep Kidney of swine Liver of swine Muscle of swine Skin and fat of swine	0.1 - singly or in combination with other sulfonamides listed in this Table
Sulfamethazine	Sulfamethazine	Fat of cattle Kidney of cattle Liver of cattle Muscle of cattle Kidney of chickens Liver of chickens Muscle of chickens Skin and fat of chickens Kidney of ducks Liver of ducks Muscle of ducks Skin and fat of ducks Kidney of geese Liver of geese Muscle of geese Skin and fat of geese Fat of goats	0.1 - singly or in combination with other sulfonamides listed in this Table

		Kidney of goats	
		Liver of goats	
		Muscle of goats	
		Fat of horses	
		Kidney of horses	
		Liver of horses	
		Muscle of horses	
		Fat of sheep	
		Kidney of sheep	
		Liver of sheep	
		Muscle of sheep	
		Kidney of swine	
		Liver of swine	
		Muscle of swine	
		Skin and fat of swine	
		Kidney of turkeys	
		Liver of turkeys	
		Muscle of turkeys	
		Skin and fat of turkeys	
		Milk of cattle	0.01 - singly or in combination with other sulfonamides listed in this Table
Sulfanilamide	Sulfanilamide	Fat of cattle	0.1 - singly or in combination with other sulfonamides listed in this Table
		Kidney of cattle	
		Liver of cattle	
		Muscle of cattle	
		Fat of sheep	
		Kidney of sheep	
		Liver of sheep	
		Muscle of sheep	
		Kidney of swine	
		Liver of swine	
		Muscle of swine	
		Skin and fat of swine	
		Milk of cattle	
Sulfanitran	Sulfanitran	Kidney of chickens	0.1 - singly or in combination with other sulfonamides listed in this Table
		Liver of chickens	
		Muscle of chickens	
		Skin and fat of	

		chickens	
		Kidney of turkeys	
		Liver of turkeys	
		Muscle of turkeys	
		Skin and fat of turkeys	
Sulfapyridine	Sulfapyridine	Fat of cattle	0.1 - singly or in combination with other sulfonamides listed in this Table
		Kidney of cattle	
		Liver of cattle	
		Muscle of cattle	
		Kidney of swine	
		Liver of swine	
		Muscle of swine	
		Skin and fat of swine	
		Milk of cattle	0.01 - singly or in combination with other sulfonamides listed in this Table
Sulfaquinoxaline	Sulfaquinoxaline	Fat of cattle	0.1 - singly or in combination with other sulfonamides listed in this Table
		Kidney of cattle	
		Liver of cattle	
		Muscle of cattle	
		Kidney of chickens	
		Liver of chickens	
		Muscle of chickens	
		Skin and fat of chickens	
		Fat of rabbits	
		Kidney of rabbits	
		Liver of rabbits	
		Muscle of rabbits	
		Fat of sheep	
		Kidney of sheep	
		Liver of sheep	
		Muscle of sheep	
		Kidney of turkeys	
		Liver of turkeys	
		Muscle of turkeys	
		Skin and fat of turkeys	
Milk of cattle	0.01 - singly or in combination with other sulfonamides listed in this Table		

Sulfathiazole	Sulfathiazole	Fat of cattle	0.1 - singly or in combination with other sulfonamides listed in this Table
		Kidney of cattle	
		Liver of cattle	
		Muscle of cattle	
		Kidney of chickens	
		Liver of chickens	
		Muscle of chickens	
		Skin and fat of chickens	
		Kidney of ducks	
		Liver of ducks	
		Muscle of ducks	
		Skin and fat of ducks	
		Kidney of geese	
		Liver of geese	
		Muscle of geese	
		Skin and fat of geese	
		Fat of goats	
		Kidney of goats	
		Liver of goats	
		Muscle of goats	
		Fat of horses	
		Kidney of horses	
		Liver of horses	
		Muscle of horses	
		Fat of sheep	
		Kidney of sheep	
		Liver of sheep	
		Muscle of sheep	
		Kidney of swine	
		Liver of swine	
		Muscle of swine	
		Skin and fat of swine	
		Kidney of turkeys	
Liver of turkeys			
Muscle of turkeys			
Skin and fat of turkeys			
Milk of cattle	0.01 - singly or in combination with other sulfonamides listed in this Table		
Teflubenzuron	Teflubenzuron	Muscle of salmonids	0.3

		Skin of salmonids	3.2
Tetracycline	Tetracycline	Fat of calves	0.25
		Kidney of calves	0.25
		Liver of calves	0.25
		Muscle of calves	0.25
		Kidney of chickens	0.25
		Liver of chickens	0.25
		Muscle of chickens	0.25
		Skin and fat of chickens	0.25
		Fat of sheep	0.25
		Kidney of sheep	0.25
		Liver of sheep	0.25
		Muscle of sheep	0.25
		Kidney of swine	0.25
		Liver of swine	0.25
		Muscle of swine	0.25
		Skin and fat of swine	0.25
		Kidney of turkeys	0.25
		Liver of turkeys	0.25
		Muscle of turkeys	0.25
		Skin and fat of turkeys	0.25
Thiabendazole	Thiabendazole and total 5-hydroxythiabendazole metabolites (free form, glucuronide and sulfate conjugates)	Fat of cattle	0.1
		Kidney of cattle	0.1
		Liver of cattle	0.1
		Muscle of cattle	0.1
		Fat of goats	0.1
		Kidney of goats	0.1
		Liver of goats	0.1
		Muscle of goats	0.1
		Fat of sheep	0.1
		Kidney of sheep	0.1
		Liver of sheep	0.1
		Muscle of sheep	0.1
		Milk of cattle	0.05
Tiamulin	8-alpha-hydroxy-mutilin	Liver of swine	0.4
Tilmicosin	Tilmicosin	Liver of cattle	1.6
Trenbolone Acetate	α -Trenbolone	Liver of cattle	0.01
	β -Trenbolone	Muscle of cattle	0.002
Trimethoprim	Trimethoprim	Muscle of salmonids	0.1
Tylosin	Tylosin	Fat of cattle	0.2

		Kidney of cattle	0.2
		Liver of cattle	0.2
		Muscle of cattle	0.2
		Kidney of chickens	0.2
		Liver of chickens	0.2
		Muscle of chickens	0.2
		Skin and fat of chickens	0.2
		Kidney of swine	0.2
		Liver of swine	0.2
		Muscle of swine	0.2
		Skin and fat of swine	0.2
		Kidney of turkeys	0.2
		Liver of turkeys	0.2
		Muscle of turkeys	0.2
		Skin and fat of turkeys	0.2
Zeranol	Zeranol	Liver of cattle	0.01
		Muscle of cattle	0.002