

**List 1 Substances for which maximum residue limits from veterinary drugs have been fixed in the EU**

Substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Acetylisovaleryltylosin	Sum of acetylisovaleryltylosin and 3-O-acetyltylosin	Porcine	50 µg/kg 50 µg/kg 50 µg/kg 50 µg/kg	Muscle Skin + fat Liver Kidney	
Abamectin	Avermectin B1a	Bovine	10 µg/kg 20 µg/kg	Fat Liver	
Abamectin	Avermectin B1a	Ovine	20 µg/kg 50 µg/kg 25 µg/kg 20 µg/kg	Muscle Fat Liver Kidney	Not for use in animals producing milk for human consumption
Acetylisovaleryltylosin	Sum of acetylisovaleryltylosin and 3-O-acetyltylosin	Poultry	50 µg/kg 50 µg/kg	Skin + fat Liver	Not for use in animals from which eggs are produced for human consumption Provisional MRLs expire 1.7.2006
Albendazole	Sum of albendazole sulphoxide, albendazole sulphone and albendazole 2-aminosulphone, expressed as albendazole	all ruminants	100 µg/kg 100 µg/kg 1000 µg/kg 500 µg/kg 100 µg/kg	Muscle Fat Liver Kidney Milk	
Albendazole oxide	Sum of albendazole oxide, albendazole sulphone and albendazole 2-amino sulphone, expressed as albendazole	Bovine, ovine	100 µg/kg 100 µg/kg 1000 µg/kg 500 µg/kg 100 µg/kg	Muscle Fat Liver Kidney Milk	
Alphacypermethrin	Cypermethrin (sum of isomers)	Bovine, ovine	20 µg/kg 200 µg/kg 20 µg/kg 20 µg/kg	Muscle Fat Liver Kidney	
Alphacypermethrin	Cypermethrin (sum of isomers)		20 µg/kg	Milk	Further provisions in Commission Directive 98/82/EC <sup>1</sup> are to be observed
Altrenogest	Altrenogest	Porcine	1 µg/kg 0.4 µg/kg	Skin + fat Liver	Only for zootechnical use and in accordance with the provisions of Directive 96/22/EC
Altrenogest	Altrenogest	Equidae	1 µg/kg 0.9 µg/kg	Fat Liver	Only for zootechnical use and in accordance with the provisions of Directive 96/22/EC

<sup>1</sup> OJ L 290, 29.10.1998, p. 25

Amitraz	Sum of amitraz and all metabolites containing the 2,4-dimethylaniline moiety, expressed as amitraz	Porcine	400 µg/kg 200 µg/kg 200 µg/kg	Skin +fat Liver Kidney	
Amitraz	Sum of amitraz and all metabolites containing the 2,4-dimethylaniline moiety, expressed as amitraz	Bovine	200 µg/kg 200 µg/kg 200 µg/kg 10 µg/kg	Fat Liver Kidney Milk	
Amitraz	Sum of amitraz and all metabolites containing the 2,4-dimethylaniline moiety, expressed as amitraz	Ovine	400 µg/kg 100 µg/kg 200 µg/kg 10 µg/kg	Fat Liver Kidney Milk	
Amitraz	Sum of amitraz and all metabolites containing the 2,4-dimethylaniline moiety, expressed as amitraz	Caprine	200 µg/kg 100 µg/kg 200 µg/kg 10 µg/kg	Fat Liver Kidney Milk	
Amitraz	Sum of amitraz and all metabolites containing the 2,4-dimethylaniline moiety, expressed as amitraz	Bees	200 µg/kg	Honey	
Amoxicillin	Amoxicillin	All food producing species	50 µg/kg 50 µg/kg 50 µg/kg 50 µg/kg 4 µg/kg	Muscle Fat Liver Kidney Milk	
Ampicillin	Ampicillin	All food producing species	50 µg/kg 50 µg/kg 50 µg/kg 50 µg/kg 4 µg/kg	Muscle Fat Liver Kidney Milk	
Apramycin	Apramycin	Bovine	1000 µg/kg 1000 µg/kg 10000 µg/kg 20000 µg/kg	Muscle Fat Liver Kidney	Not for use in animals from which milk is produced for human consumption
Azaperone	Sum of azaperone and azaperol	Porcine	100 µg/kg 100 µg/kg 100 µg/kg 100 µg/kg	Muscle Skin +fat Liver Kidney	
Bacitracin	Bacitracin	Bovine	100 µg/kg	Milk	
Bacitracin	Sum of bacitracin A, bacitracin B and bacitracin C	Rabbits	150 µg/kg 150 µg/kg 150 µg/kg 150 µg/kg	Muscle Fat Liver Kidney	
Baquiloprim	Baquiloprim	Bovine	10 µg/kg 300 µg/kg 150 µg/kg 30 µg/kg	Fat Liver Kidney Milk	

Baquiloprim	Baquiloprim	Porcine	40 µg/kg 50 µg/kg 50 µg/kg	Skin +fat Liver Kidney	
Benzylpenicillin	Benzylpenicillin	All food producing species	50 µg/kg 50 µg/kg 50 µg/kg 50 µg/kg 4 µg/kg	Muscle Fat Liver Kidney Milk	
Betamethasone	Betamethasone	Bovine	0,75 µg/kg 2 µg/kg 0,75 µg/kg 0,3 µg/kg	Muscle Liver Kidney Milk	
Betamethasone	Betamethasone	Porcine	0,75 µg/kg 2 µg/kg 0,75 µg/kg	Muscle Liver Kidney	
Carazolol	Carazolol	Porcine	5 µg/kg 5 µg/kg 25 µg/kg 25 µg/kg	Muscle Skin +fat Liver Kidney	
Carazolol	Carazolol	Bovine	5 µg/kg 5 µg/kg 15 µg/kg 15 µg/kg 1 µg/kg	Muscle Fat Liver Kidney Milk	
Carprofen	Carprofen	Bovine	500 µg/kg 1000 µg/kg 1000 µg/kg 1000 µg/kg	Muscle Fat Liver Kidney	Not for use in animals from which milk is produced for human consumption
Carprofen	Carprofen	Equidae	500 µg/kg 1000 µg/kg 1000 µg/kg 1000 µg/kg	Muscle Fat Liver Kidney	
Cefacetile	Cefacetile	Bovine	125 µg/kg	Milk	For intramammary use only
Cefalexin	Cefalexin	Bovine	200 µg/kg 200 µg/kg 200 µg/kg 1000 µg/kg 100 µg/kg	Muscle Fat Liver Kidney Milk	
Cefalonium	Cefalonium	Bovine	20 µg/kg	Milk	
Cefapirin	Sum of cephalirin and desacetyl-cephapirin	Bovine	50 µg/kg 50 µg/kg 100 µg/kg 60 µg/kg	Muscle Fat Kidney Milk	
Cefazolin	Cefazolin	Bovine, ovine, caprine	50 µg/kg	Milk	
Cefoperazone	Cefoperazone	Bovine	50 µg/kg	Milk	
Cefquinome	Cefquinome	Bovine	50 µg/kg 50 µg/kg 100 µg/kg 200 µg/kg 20 µg/kg	Muscle Fat Liver Kidney Milk	
Cefquinome	Cefquinome	Porcine	50 µg/kg 50 µg/kg 100 µg/kg 200 µg/kg	Muscle Skin + fat Liver Kidney	

Cefquinome	Cefquinome	Equidae	50 µg/kg 50 µg/kg 100 µg/kg 200 µg/kg	Muscle Fat Liver Kidney	
Ceftiofur	Sum of all residues retaining the betalactam structure expressed as desfuoyl-ceftiofur	Bovine	1000 µg/kg 2000 µg/kg 2000 µg/kg 6000 µg/kg 100 µg/kg	Muscle Fat Liver Kidney Milk	
Ceftiofur	Sum of all residues retaining the betalactam structure expressed as desfuoyl-ceftiofur	Porcine	1000 µg/kg 2000 µg/kg 2000 µg/kg 6000 µg/kg	Muscle Fat Liver Kidney	
Chlormadinone	Chlormadinone	Bovine	4 µg/kg 2 µg/kg 2,5 µg/kg	Fat Liver Milk	For zootechnical use only
Chlortetracycline	Sum of parent drug and its 4-epimer	All food producing species	100 µg/kg 300 µg/kg 600 µg/kg 100 µg/kg 200 µg/kg	Muscle Liver Kidney Milk Eggs	
Clavulanic acid	Clavulanic acid	Bovine	100 µg/kg 100 µg/kg 200 µg/kg 400 µg/kg 200 µg/kg	Muscle Fat Liver Kidney Milk	
Clavulanic acid	Clavulanic acid	Porcine	100 µg/kg 100 µg/kg 200 µg/kg 400 µg/kg	Muscle Skin + fat Liver Kidney	
Clenbuterol hydrochloride	Clenbuterol	Bovine	0,1 µg/kg 0,5 µg/kg 0,5 µg/kg 0,05 µg/kg	Muscle Liver Kidney Milk	
Clenbuterol hydrochloride	Clenbuterol	Equidae	0,1 µg/kg 0,5 µg/kg 0,5 µg/kg	Muscle Liver Kidney	
Clorsulon	Clorsulon	Bovine	35 µg/kg 100 µg/kg 200 µg/kg	Muscle Liver Kidney	
Closantel	Closantel	Bovine	1000 µg/kg 3000 µg/kg 1000 µg/kg 3000 µg/kg	Muscle Fat Liver Kidney	
Closantel	Closantel	Ovine	1500 µg/kg 2000 µg/kg 1500 µg/kg 5000 µg/kg	Muscle Fat Liver Kidney	
Cloxacillin	Cloxacillin	All food producing species	300 µg/kg 300 µg/kg 300 µg/kg 300 µg/kg 30 µg/kg	Muscle Fat Liver Kidney Milk	

Colistin	Colistin	All food producing species	150 µg/kg 150 µg/kg 150 µg/kg 200 µg/kg 50 µg/kg 300 µg/kg	Muscle <sup>1</sup> Fat <sup>2</sup> Liver Kidney Milk Eggs	
Coumafos	Coumafos	Bees	100 µg/kg	Honey	
Cyfluthrin	Cyfluthrin (sum of isomers)	Bovine	10 µg/kg 50 µg/kg 10 µg/kg 10 µg/kg	Muscle Fat Liver Kidney	
Cyfluthrin	Cyfluthrin (sum of isomers)		20 µg/kg	Milk	Further provisions in Council Directive 94/29/EC are to be observed
Cyhalothrin	Cyhalothrin (sum of isomers)	Bovine	500 µg/kg 50 µg/kg	Fat Kidney	
Cyhalothrin	Cyhalothrin (sum of isomers)		50 µg/kg	Milk	Further provisions in Council Directive 94/29/EC are to be observed
Cypermethrin	Cypermethrin (sum of isomers)	All ruminants	20 µg/kg 200 µg/kg 20 µg/kg 20 µg/kg 20 µg/kg	Muscle Fat Liver Kidney Milk	Further provisions in Commission Directive 98/82/EC are to be observed
Cypermethrin	Cypermethrin (sum of isomers)	Salmonidae	50 µg/kg	Muscle and skin in natural proportions	
Cyromazine	Cyromazine	Ovine	300 µg/kg 300 µg/kg 300 µg/kg 300 µg/kg	Muscle Fat Liver Kidney	Not for use in animals from which milk is produced for human consumption
Danofloxacin	Danofloxacin	All food producing species except bovine, ovine, caprine and poultry	100 µg/kg 50 µg/kg 200 µg/kg 200 µg/kg	Muscle <sup>1</sup> Fat <sup>2</sup> Liver Kidney	
Danofloxacin	Danofloxacin	Bovine, ovine, caprine	200 µg/kg 100 µg/kg 400 µg/kg 400 µg/kg 30 µg/kg	Muscle Fat Liver Kidney Milk	
Danofloxacin	Danofloxacin	Poultry	200 µg/kg 100 µg/kg 400 µg/kg 400 µg/kg	Muscle Skin +fat Liver Kidney	Not for use in animals from which eggs are produced for human consumption
Deltamethrin	Deltamethrin	All ruminants	10 µg/kg 50 µg/kg 10 µg/kg 10 µg/kg 20 µg/kg	Muscle Fat Liver Kidney Milk	
Deltamethrin	Deltamethrin	Fin fish	10 µg/kg	Muscle and skin in natural proportions	

<sup>1</sup> For fin fish this MRL relates to “muscle and skin in natural proportions”

<sup>2</sup> For porcine and poultry species this MRL relates to “skin and fat in natural proportions”

Dexamethasone	Dexamethasone	Bovine, porcine, caprine, equidae	0,75 µg/kg 2 µg/kg 0,75 µg/kg	Muscle Liver Kidney	
Dexamethasone	Dexamethasone	Bovine, caprine	0,3 µg/kg	Milk	
Diazinon	Diazinon	Bovine, ovine, caprine, porcine	20 µg/kg 700 µg/kg 20 µg/kg 20 µg/kg	Muscle Fat Liver Kidney	
Diazinon	Diazinon	Bovine, ovine, caprine	20 µg/kg	Milk	
Diclofenac	Diclofenac	Bovine	5 µg/kg 1 µg/kg 5 µg/kg 10 µg/kg	Muscle Fat Liver Kidney	Not for use in animals from which milk is produced for human consumption.
Diclofenac	Diclofenac	Porcine	5 µg/kg 1 µg/kg 5 µg/kg 10 µg/kg	Muscle Fat Liver Kidney	
Dicloxacillin	Dicloxacillin	All food producing species	300 µg/kg 300 µg/kg 300 µg/kg 300 µg/kg 30 µg/kg	Muscle Fat Liver Kidney Milk	
Dicyclanil	Sum of dicyclanil and 2,4,6-triaminopyrimidine-5-carbonitrile	Ovine	200 µg/kg 150 µg/kg 400 µg/kg 400 µg/kg	Muscle Fat Liver Kidney	Not for use in animals from which milk is produced for human consumption
Difloxacin	Difloxacin	All food producing species except bovine, ovine, caprine, porcine and poultry	300 µg/kg 100 µg/kg 800 µg/kg 600 µg/kg	Muscle <sup>1</sup> Fat Liver Kidney	
Difloxacin	Difloxacin	Bovine, ovine, caprine	400 µg/kg 100 µg/kg 1400 µg/kg 800 µg/kg	Muscle Fat Liver Kidney	Not for use in animals from which milk is produced for human consumption
Difloxacin	Difloxacin	Porcine	400 µg/kg 100 µg/kg 800 µg/kg 800 µg/kg	Muscle Skin + fat Liver Kidney	
Difloxacin	Difloxacin	Poultry	300 µg/kg 400 µg/kg 1900 µg/kg 600 µg/kg	Muscle Skin +fat Liver Kidney	Not for use in animals from which eggs are produced for human consumption
Diflubenzuron	Diflubenzuron	Salmonidae	1000 µg/kg	Muscle and skin in natural proportions	
Dihydro-streptomycin	Dihydro-streptomycin	Bovine, ovine, porcine	500 µg/kg 500 µg/kg 500 µg/kg 1000 µg/kg	Muscle Fat Liver Kidney	
Dihydro-streptomycin	Dihydro-streptomycin	Bovine, ovine	200 µg/kg	Milk	
Doramectin	Doramectin	Bovine	10 µg/kg 150 µg/kg 100 µg/kg 30 µg/kg	Muscle Fat Liver Kidney	Not for use in bovines producing milk for human consumption

Doramectin	Doramectin	Porcine, ovine	20 µg/kg 100 µg/kg 50 µg/kg 30 µg/kg	Muscle Fat Liver Kidney	Not for use in ovines producing milk for human consumption
Doramectin	Doramectin	Deer, including reindeer	20 µg/kg 100 µg/kg 50 µg/kg 30 µg/kg	Muscle Fat Liver Kidney	
Doxycycline	Doxycycline	Bovine	100 µg/kg 300 µg/kg 600 µg/kg	Muscle Liver Kidney	Not for use in animals from which milk is produced for human consumption
Doxycycline	Doxycycline	Porcine	100 µg/kg 300 µg/kg 300 µg/kg 600 µg/kg	Muscle Skin +fat Liver Kidney	
Doxycycline	Doxycycline	Poultry	100 µg/kg 300 µg/kg 300 µg/kg 600 µg/kg	Muscle Skin +fat Liver Kidney	Not for use in animals from which eggs are produced for human consumption
Emamectin	Emamectin B1a	Fin fish	100 µg/kg	Muscle and skin in natural proportions	
Enrofloxacin	Sum of enrofloxacin and ciprofloxacin	All food producing species except bovine, ovine, caprine, porcine, rabbits and poultry	100 µg/kg 100 µg/kg 300 µg/kg 200 µg/kg	Muscle <sup>1</sup> Fat Liver Kidney	
Enrofloxacin	Sum of enrofloxacin and ciprofloxacin	Bovine, ovine, caprine	100 µg/kg 100 µg/kg 300 µg/kg 200 µg/kg 100 µg/kg	Muscle Fat Liver Kidney Milk	
Enrofloxacin	Sum of enrofloxacin and ciprofloxacin	Porcine, rabbits	100 µg/kg 100 µg/kg 200 µg/kg 300 µg/kg	Muscle Fat <sup>2</sup> Liver Kidney	
Enrofloxacin	Sum of enrofloxacin and ciprofloxacin	Poultry	100 µg/kg 100 µg/kg 200 µg/kg 300 µg/kg	Muscle Skin + fat Liver Kidney	Not for use in animals from which eggs are produced for human consumption
Eprinomectin	Eprinomectin B1a	Bovine	50 µg/kg 250 µg/kg 1500 µg/kg 300 µg/kg 20 µg/kg	Muscle Fat Liver Kidney Milk	
Erythromycin	Erythromycin A	All food producing species	200 µg/kg 200 µg/kg 200 µg/kg 200 µg/kg 40 µg/kg 150 µg/kg	Muscle <sup>1</sup> Fat <sup>2</sup> Liver Kidney Milk Eggs	

<sup>1</sup> For fin fish this MRL relates to “muscle and skin in natural proportions”

<sup>2</sup> For porcine and poultry species this MRL relates to “skin and fat in natural proportions”

<sup>1</sup> For fin fish this MRL relates to “muscle and skin in natural proportions”

<sup>2</sup> For porcine and poultry species this MRL relates to “skin and fat in natural proportions”

Febantel	Sum of extractable residues which may be oxidized to oxfendazole sulphone	All ruminants, equidae	50 µg/kg 50 µg/kg 500 µg/kg 50 µg/kg	Muscle Fat Liver Kidney	
Febantel	Sum of extractable residues which may be oxidized to oxfendazole sulphone	All ruminants,	10 µg/kg	Milk	
Fenbendazole	Sum of extractable residues which may be oxidized to oxfendazole sulphone	All ruminants, equidae	50 µg/kg 50 µg/kg 500 µg/kg 50 µg/kg	Muscle Fat Liver Kidney	
Fenbendazole	Sum of extractable residues which may be oxidized to oxfendazole sulphone	All ruminants	10 µg/kg	Milk	
Fenbendazole	Sum of flubendazole and (2-amino 1H-benzimidazole-5-yl)(4 fluorophenyl) methanone	Turkey	50 µg/kg 50 µg/kg 400 µg/kg 300 µg/kg	Muscle Skin +fat Liver Kidney	
Fenbendazole	Sum of flubendazole and (2-amino 1H-benzimidazole-5-yl)(4 fluorophenyl) methanone	Porcine, chicken, game birds	50 µg/kg 400 µg/kg 300 µg/kg	Skin +fat Liver Kidney	
Fenbendazole	Flubendazole	Chicken	400 µg/kg	Eggs	
Fenvalerate	Fenvalerate (sum of RR, SS, RS and SR isomers)	Bovine	25 µg/kg 250 µg/kg 25 µg/kg 25 µg/kg 40 µg/kg	Muscle Fat Liver Kidney Milk	Provisional MRLs expire on 1.7.2006
Florfenicol	Sum of florfenicol and its metabolites measured as florfenicol-amine	All food producing species except bovine, ovine, caprine, porcine, poultry and fin fish	100 µg/kg 200 µg/kg 2000 µg/kg 300 µg/kg	Muscle Fat Liver Kidney	
Florfenicol	Sum of florfenicol and its metabolites measured as florfenicol-amine	Bovine, ovine, caprine	200 µg/kg 3000 µg/kg 300 µg/kg	Muscle Fat Kidney	Not for use in animals from which milk is produced for human consumption
Florfenicol	Sum of florfenicol and its metabolites measured as florfenicol-amine	Porcine	300 µg/kg 500 µg/kg 2000 µg/kg 500 µg/kg	Muscle Skin + fat Liver Kidney	
Florfenicol	Sum of florfenicol and its metabolites measured as florfenicol-amine	Poultry	100 µg/kg 200 µg/kg 2500 µg/kg 750 µg/kg	Muscle Skin + fat Liver Kidney	Not for use in animals from which eggs are produced for human consumption

This information has no legal force and in case of doubt, the original Community Regulations should be consulted.



Florfenicol	Sum of florfenicol and its metabolites measured as florfenicol-amine	Fin fish	1000 µg/kg	Muscle and skin in natural proportions	
Flubendazole	Sum of flubendazole and (2-amino 1H-benzimidazol-5-	Turkey	50 µg/kg 50 µg/kg 400 µg/kg 300 µg/kg	Muscle Skin +fat Liver Kidney	
Flugestone acetate	Flugestone acetate	Ovine, caprine	1 µg/kg	Milk	For intravaginal use for zootechnical purposes only
Flugestone acetate	Flugestone acetate	Ovine, caprine	0.5 µg/kg 0.5 µg/kg 0.5 µg/kg 0.5 µg/kg	Muscle Fat Liver Kidney	Provisional MRLs expiry on 1.1.2008 For therapeutic or zootechnical use only
Flumequine	Flumequine	All food producing species except bovine, ovine, caprine, porcine, poultry and fin fish	200 µg/kg 250 µg/kg 500 µg/kg 1000 µg/kg	Muscle Fat Liver Kidney	
Flumequine	Flumequine	Bovine, ovine, caprine	200 µg/kg 300 µg/kg 500 µg/kg 1500 µg/kg 50 µg/kg	Muscle Fat Liver Kidney Milk	
Flumequine	Flumequine	Porcine	200 µg/kg 300 µg/kg 500 µg/kg 1500 µg/kg	Muscle Skin + fat Liver Kidney	
Flumequine	Flumequine	Poultry	400 µg/kg 250 µg/kg 800 µg/kg 1000 µg/kg	Muscle Skin + fat Liver Kidney	Not for use in animals from which eggs are produced for human consumption
Flumequine	Flumequine	Fin fish	600 µg/kg	Muscle and skin in natural proportions	
Flumethrin	Flumethrin (sum of trans-Z isomers)	Bovine	10 µg/kg 150 µg/kg 20 µg/kg 10 µg/kg 30 µg/kg	Muscle Fat Liver Kidney Milk	
Flumethrin	Flumethrin (sum of trans-Z isomers)	Ovine	10 µg/kg 150 µg/kg 20 µg/kg 10 µg/kg	Muscle Fat Liver Kidney	Not for use in animals from which milk is produced for human consumption
Flunixin	Flunixin	Bovine	20 µg/kg 30 µg/kg 300 µg/kg 100 µg/kg	Muscle Fat Liver Kidney	
Flunixin	5-Hydroxyflunixin	Bovine	40 µg/kg	Milk	
Flunixin	Flunixin	Porcine	50 µg/kg 10 µg/kg 200 µg/kg 30 µg/kg	Muscle Skin + fat Liver Kidney	
Flunixin	Flunixin	Equidae	10 µg/kg 20 µg/kg 100 µg/kg 200 µg/kg	Muscle Fat Liver Kidney	

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Gentamicin	Sum of gentamicin C1, gentamicin C1a, gentamicin C2 and gentamicin C2a	Bovine, porcine	50 µg/kg 50 µg/kg 200 µg/kg 750 µg/kg	Muscle Fat Liver Kidney	
Gentamicin	Sum of gentamicin C1, gentamicin C1a, gentamicin C2 and gentamicin C2a	Bovine	100 µg/kg	Milk	
Halofuginone	Halofuginone	Bovine	10 µg/kg 25 µg/kg 30 µg/kg 30 µg/kg	Muscle Fat Liver Kidney	Not for use in animals from which milk is produced for human consumption
Imidocarb	Imidocarb	Bovine	300 µg/kg 50 µg/kg 2000 µg/kg 1500 µg/kg 50 µg/kg	Muscle Fat Liver Kidney Milk	
Imidocarb	Imidocarb	Ovine	300 µg/kg 50 µg/kg 2000 µg/kg 1500 µg/kg	Muscle Fat Liver Kidney	Not for use in animals from which milk is produced for human consumption
Ivermectin	22,23-Dihydro-avermectin B1a	Deer, including reindeer	20 µg/kg 100 µg/kg 50 µg/kg 20 µg/kg	Muscle Fat Liver Kidney	
Ivermectin	22,23-Dihydro-avermectin B1a	Bovine	40 µg/kg 100 µg/kg	Fat Liver	
Ivermectin	22,23-Dihydro-avermectin B1a	Porcine, ovine, equidae	20 µg/kg 15 µg/kg	Fat Liver	
Kanamycin	Kanamycin A	All food producing species except fish	100 µg/kg 100 µg/kg 600 µg/kg 2500 µg/kg 150 µg/kg	Muscle Fat Liver Kidney Milk	Not for use in animals from which eggs are produced for human consumption. For porcine and poultry species this MRL relates to “skin and fat in natural proportions”
Levamisole	Levamisole	Bovine, ovine, porcine, poultry	10 µg/kg 10 µg/kg 100 µg/kg 10 µg/kg	Muscle Fat Liver Kidney	
Lincomycin	Lincomycin	All food producing species	100 µg/kg 50 µg/kg 500 µg/kg 1500 µg/kg 150 µg/kg 50 µg/kg	Muscle <sup>1</sup> Fat <sup>2</sup> Liver Kidney Milk Eggs	
Marbofloxacin	Marbofloxacin	Bovine	150 µg/kg 50 µg/kg 150 µg/kg 150 µg/kg 75 µg/kg	Muscle Fat Liver Kidney Milk	
Marbofloxacin	Marbofloxacin	Porcine	150 µg/kg 50 µg/kg 150 µg/kg 150 µg/kg	Muscle Skin + fat Liver Kidney	

<sup>1</sup> For fin fish this MRL relates to “muscle and skin in natural proportions”

<sup>2</sup> For porcine and poultry species this MRL relates to “skin and fat in natural proportions”

Mebendazole	Sum of mebendazole methyl (5-(1-hydroxy, 1-phenyl) methyl-1H-benzimidazol-2-yl) carbamate and (2-amino-1H-benzimidazol-5-yl) phenylmethanone, expressed as mebendazole equivalents	Ovine, caprine, equidae	60 µg/kg 60 µg/kg 400 µg/kg 60 µg/kg	Muscle Fat Liver Kidney	Not for use in animals from which milk is produced for human consumption
Meloxicam	Meloxicam	Bovine	20 µg/kg 65 µg/kg 65 µg/kg 15 µg/kg	Muscle Liver Kidney Milk	
Meloxicam	Meloxicam	Porcine	20 µg/kg 65 µg/kg 65 µg/kg	Muscle Liver Kidney	
Meloxicam	Meloxicam	Equidae	20 µg/kg 65 µg/kg 65 µg/kg	Muscle Liver Kidney	
Metamizole	4-Methylamino-antipyrin	Bovine	100 µg/kg 100 µg/kg 100 µg/kg 100 µg/kg 50 µg/kg	Muscle Fat Liver Kidney Milk	
Metamizole	4-Methylamino-antipyrin	Porcine	100 µg/kg 100 µg/kg 100 µg/kg 100 µg/kg	Muscle Skin + fat Liver Kidney	
Metamizole	4-Methylamino-antipyrin	Equidae	100 µg/kg 100 µg/kg 100 µg/kg 100 µg/kg	Muscle Fat Liver Kidney	
Methylprednisolone	Methyl-prednisolone	Bovine	10 µg/kg 10 µg/kg 10 µg/kg 10 µg/kg	Muscle Fat Liver Kidney	Not for use in animals from which milk is produced for human consumption
Morantel	Sum of residues which may be hydrolysed to N-methyl-1,3-propanediamine and expressed as morantel equivalents	Bovine, ovine	100 µg/kg 100 µg/kg 800 µg/kg 200 µg/kg 50 µg/kg	Muscle Fat Liver Kidney Milk	
Moxidectin	Moxidectin	Bovine, ovine	50 µg/kg 500 µg/kg 100 µg/kg 50 µg/kg	Muscle Fat Liver Kidney	
Moxidectin	Moxidectin	Bovine	40 µg/kg	Milk	
Moxidectin	Moxidectin	Ovine	40 µg/kg	Milk	
Moxidectin	Moxidectin	Equidae	50 µg/kg 500 µg/kg 100 µg/kg 50 µg/kg	Muscle Fat Liver Kidney	

Nafcillin	Nafcillin	All ruminants	300 µg/kg 300 µg/kg 300 µg/kg 300 µg/kg 30 µg/kg	Muscle Fat Liver Kidney Milk	For intramammary use only
Neomycin (including framycetin)	Neomycin B	All food producing species	500 µg/kg 500 µg/kg 500 µg/kg 5000 µg/kg 1500 µg/kg 500 µg/kg	Muscle <sup>1</sup> Fat <sup>2</sup> Liver Kidney Milk Eggs	
Netobimin	Sum of albendazole oxide, albendazole sulphone and albendazole 2-aminosulphone, expressed as Albendazole	Bovine, ovine	100 µg/kg 100 µg/kg 1000 µg/kg 500 µg/kg 100 µg/kg	Muscle Fat Liver Kidney Milk	For oral use only
Nitroxinil	Nitroxinil	Bovine, ovine	400 µg/kg 200 µg/kg 20 µg/kg 400 µg/kg	Muscle Fat Liver Kidney	
Norgestomet	Norgestomet	Bovine	0.5 µg/kg 0.5 µg/kg 0.5 µg/kg 0.5 µg/kg 0.15 µg/kg	Muscle Fat Liver Kidney Milk	Provisional MRLs expiry on 1.1.2008 For therapeutic or zootechnical use only
Novobiocin	Novobiocin	Bovine	50 µg/kg	Milk	
Oxacillin	Oxacillin	All food producing species	300 µg/kg 300 µg/kg 300 µg/kg 300 µg/kg 30 µg/kg	Muscle Fat Liver Kidney Milk	
Oxfendazole	Sum of extractable residues which may be oxidized to oxfendazole sulphone	All ruminants, equidae	50 µg/kg 50 µg/kg 500 µg/kg 50 µg/kg	Muscle Fat Liver Kidney	
Oxfendazole	Sum of extractable residues which may be oxidized to oxfendazole sulphone	All ruminants	10 µg/kg	Milk	
Oxibendazole	Oxibendazole	Porcine	100 µg/kg 500 µg/kg 200 µg/kg 100 µg/kg	Muscle Skin + fat Liver Kidney	
Oxolinic acid	Oxolinic acid	Porcine	100 µg/kg 50 µg/kg 150 µg/kg 150 µg/kg	Muscle Fat Liver Kidney	
Oxolinic acid	Oxolinic acid	Chicken	100 µg/kg 50 µg/kg 150 µg/kg 150 µg/kg	Muscle Skin + fat Liver Kidney	Not for use in animals from which eggs are produced for human consumption
Oxolinic acid	Oxolinic acid	Fin fish	100 µg/kg	Muscle and skin in natural proportions	

Oxolinic acid	Oxolinic acid	Bovine	100 µg/kg 50 µg/kg 150 µg/kg 150 µg/kg	Muscle Fat Liver Kidney	Not for use in animals from which milk is produced for human consumption Provisional MRLs expire 1.1.2006
Oxyclozanide	Oxyclozanide	All ruminants	20 µg/kg 20 µg/kg 500 µg/kg 100 µg/kg 10 µg/kg	Muscle Fat Liver Kidney Milk	
Oxytetracycline	Sum of parent drug and its 4-epimer	All food producing species	100 µg/kg 300 µg/kg 600 µg/kg 100 µg/kg 200 µg/kg	Muscle Liver Kidney Milk Eggs	
Paromomycin	Paromomycin	All food producing species	500 µg/kg 1500 µg/kg 1500 µg/kg	Muscle <sup>1</sup> Liver Kidney	Not for use in animals from which milk or eggs are produced for human consumption
Penethamate	Benzylpenicillin	Bovine	50 µg/kg 50 µg/kg 50 µg/kg 50 µg/kg 4 µg/kg	Muscle Fat Liver Kidney Milk	
Penethamate	Benzylpenicillin	Porcine	50 µg/kg 50 µg/kg 50 µg/kg 50 µg/kg	Muscle Fat Liver Kidney	
Permethrin	Permethrin (sum of isomers)	Bovine	50 µg/kg 500 µg/kg 50 µg/kg 50 µg/kg	Muscle Fat Liver Kidney	
Permethrin	Permethrin (sum of isomers)		50 µg/kg	Milk	Further provisions in Commission Directive 98/82/EC are to be observed (OJ L 290, 29.10.1998, p.25)
Phenoxymethylpenicillin	Phenoxymethylpenicillin	Porcine	25 µg/kg 25 µg/kg 25 µg/kg	Muscle Liver Kidney	
Phoxim	Phoxim	Porcine	20 µg/kg 700 µg/kg 20 µg/kg 20 µg/kg	Muscle Skin + fat Liver Kidney	
Phoxim	Phoxim	Ovine	50 µg/kg 400 µg/kg 50 µg/kg	Muscle Fat Kidney	Not for use in animals from which milk is produced for human consumption
Phoxim	Phoxim	Chicken	50 µg/kg 550 µg/kg 25 µg/kg 50 µg/kg 60 µg/kg	Muscle Skin + fat Liver Kidney Eggs	Provisional MRLs expire on 1.7.2005
Piperazine	Piperazine	Porcine	400 µg/kg 800 µg/kg 2000 µg/kg 1000 µg/kg	Muscle Skin + fat Liver Kidney	
Piperazine	Piperazine	Chicken	2000 µg/kg	Eggs	

This information has no legal force and in case of doubt, the original Community Regulations should be consulted.

Pirlimycin	Pirlimycin	Bovine	100 µg/kg 100 µg/kg 1000 µg/kg 400 µg/kg 100 µg/kg	Muscle Fat Liver Kidney Milk	
Prednisolone	Prednisolone	Bovine	4 µg/kg 4 µg/kg 10 µg/kg 10 µg/kg 6 µg/kg	Muscle Fat Liver Kidney Milk	
Rafoxanide	Rafoxanide	Bovine	30 µg/kg 30 µg/kg 10 µg/kg 40 µg/kg	Muscle Fat Liver Kidney	Not for use in animals from which milk is produced for human consumption
Rafoxanide	Rafoxanide	Ovine	100 µg/kg 250 µg/kg 150 µg/kg 150 µg/kg	Muscle Fat Liver Kidney	
Rifaximin	Rifaximin	Bovine	60 µg/kg	Milk	
Sarafloxacin	Sarafloxacin	Chicken	10 µg/kg 100 µg/kg	Skin +fat Liver	
Sarafloxacin	Sarafloxacin	Salmonidae	30µg/kg	Muscle and skin in natural proportions	
Spectinomycin	Spectinomycin	All food producing species except ovine	300 µg/kg 500 µg/kg 1000 µg/kg 5000 µg/kg 200 µg/kg	Muscle <sup>1</sup> Fat <sup>2</sup> Liver Kidney Milk	Not for use in animals from which eggs are produced for human consumption
Spectinomycin	Spectinomycin	Ovine	300 µg/kg 500 µg/kg 2000 µg/kg 5000 µg/kg 200 µg/kg	Muscle Fat Liver Kidney Milk	
Spiramycin	Sum of spiramycin and neospiramycin	Bovine	200 µg/kg 300 µg/kg 300 µg/kg 300 µg/kg 200 µg/kg	Muscle Fat Liver Kidney Milk	
Spiramycin	Sum of spiramycin and neospiramycin	Chicken	200 µg/kg 300 µg/kg 400 µg/kg	Muscle Skin +fat Liver	
Spiramycin	Spiramycin 1	Porcine	250 µg/kg 2000 µg/kg 1000 µg/kg	Muscle Liver Kidney	
Streptomycin	Streptomycin	Bovine, ovine	500 µg/kg 500 µg/kg 500 µg/kg 1000 µg/kg 200 µg/kg	Muscle Fat Liver Kidney Milk	
Streptomycin	Streptomycin	Porcine	500 µg/kg 500 µg/kg 500 µg/kg 1000 µg/kg	Muscle Skin + fat Liver Kidney	

<sup>1</sup> For fin fish this MRL relates to “muscle and skin in natural proportions”

<sup>2</sup> For porcine and poultry species this MRL relates to “skin and fat in natural proportions”

Sulfonamide group all substances	Parent drug	All food producing species	100 µg/kg 100 µg/kg 100 µg/kg 100 µg/kg	Muscle Fat Liver Kidney	The combined total residues of all substances within the sulfonamide group should not exceed 100 µg/kg
Sulfonamide group all substances	Parent drug	Bovine, ovine, caprine	100 µg/kg	Milk	
Teflubenzuron	Teflubenzuron	Salmonidae	500 µg/kg	Muscle and skin in natural proportions	
Tetracycline	Sum of parent drug and its 4- epimer	All food producing species	100 µg/kg 300 µg/kg 600 µg/kg 100 µg/kg 200 µg/kg	Muscle Liver Kidney Milk Eggs	
Thiabendazole	Sum of thiabendazole and 5-hydroxy- thiabendazole	Bovine, Caprine	100 µg/kg 100 µg/kg 100 µg/kg 100 µg/kg 100 µg/kg	Muscle Fat Liver Kidney Milk	
Thiamphenicol	Thiamphenicol	Bovine	50 µg/kg 50 µg/kg 50 µg/kg 50 µg/kg 50 µg/kg	Muscle Fat Liver Kidney Milk	
Thiamphenicol	Thiamphenicol	Chicken	50 µg/kg 50 µg/kg 50 µg/kg 50 µg/kg	Muscle Skin +fat Liver Kidney	Not for use in animals from which eggs are produced for human consumption
Tiamulin	Sum of metabolites that may be hydrolysed to 8- $\alpha$ - hydroxymutilin Tiamulin	Porcine	100 µg/kg 500 µg/kg	Muscle Liver	
Tiamulin	Sum of metabolites that may be hydrolysed to 8- $\alpha$ - hydroxymutilin Tiamulin	Chicken	100 µg/kg 100 µg/kg 1000 µg/kg	Muscle Skin + fat Liver	
Tiamulin	Tiamulin	Chicken	1000 µg/kg	Eggs	
Tiamulin	Sum of metabolites that may be hydrolysed to 8-a- hydroxymutilin	Turkey	100 µg/kg 100 µg/kg 300 µg/kg	Muscle Skin + fat Liver	
Tiamulin	Sum of metabolites that may be hydrolysed to 8-a- hydroxymutilin	Rabbits	100 µg/kg 500 µg/kg	Muscle Liver	
Tilmicosin	Tilmicosin	All food producing species except poultry	50 µg/kg 50 µg/kg 1000 µg/kg 1000 µg/kg 50 µg/kg	Muscle <sup>1</sup> Fat <sup>2</sup> Liver Kidney Milk	

Tilmicosin	Tilmicosin	Poultry	75 µg/kg 75 µg/kg 1000 µg/kg 250 µg/kg	Muscle Skin + fat Liver Kidney	Not for use in animals from which eggs are produced for human consumption
Tolfenamic acid	Tolfenamic acid	Bovine	50 µg/kg 400 µg/kg 100 µg/kg 50 µg/kg	Muscle Liver Kidney Milk	
Tolfenamic acid	Tolfenamic acid	Porcine	50 µg/kg 400 µg/kg 100 µg/kg	Muscle Liver Kidney	
Toltrazuril	Toltrazuril sulfone	Chicken	100 µg/kg 200 µg/kg 600 µg/kg 400 µg/kg	Muscle Skin + fat Liver Kidney	Not for use in animals from which eggs are produced for human consumption
Toltrazuril	Toltrazuril sulfone	Turkey	100 µg/kg 200 µg/kg 600 µg/kg 400 µg/kg	Muscle Skin + fat Liver Kidney	
Toltrazuril	Toltrazuril sulfone	Porcine	100 µg/kg 150 µg/kg 500 µg/kg 250 µg/kg	Muscle Skin + fat Liver Kidney	
Toltrazuril	Toltrazuril sulfone	Bovine	100 µg/kg 150 µg/kg 500 µg/kg 250 µg/kg	Muscle Fat Liver Kidney	Not for use in animals from which milk is produced for human consumption. Provisional MRLs expire on 1.7.2006
Triclabendazole	Sum of extractable residues which may be oxidized to ketotriclabendazole	Bovine, ovine	100 µg/kg 100 µg/kg 100 µg/kg	Muscle Liver Kidney	Not for use in animals producing milk for human consumption
Trimethoprim	Trimethoprim	All food producing species except <i>Equidae</i>	50 µg/kg 50 µg/kg 50 µg/kg 50 µg/kg 50 µg/kg	Muscle <sup>2</sup> Fat <sup>3</sup> Liver Kidney Milk	Not for use in animals from which eggs are produced for human consumption
Trimethoprim	Trimethoprim	Equidae	100 µg/kg 100 µg/kg 100 µg/kg 100 µg/kg	Muscle Fat Liver Kidney	

<sup>2</sup> For fin fish this MRL relates to “muscle and skin in natural proportions”

<sup>3</sup> For porcine and poultry species this MRL relates to “skin and fat in natural proportions”



Tulathromycin	(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)-beta-D-xylo-hexopy-ranosyl]oxy]-1-oxa-6-aza-cyclopentadecan-15-one expressed as tulathromycin equivalents	Bovine	100 µg/kg 3000 µg/kg 3000 µg/kg	Fat Liver Kidney	Not for use in animals producing milk for human consumption.
Tulathromycin	(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)-beta-D-xylo-hexopy-ranosyl]oxy]-1-oxa-6-aza-cyclopentadecan-15-one expressed as tulathromycin equivalents	Porcine	100 µg/kg 3000 µg/kg 3000 µg/kg	Skin+fat Liver Kidney	
Tylosin	Tylosin A	All food producing species	100 µg/kg 100 µg/kg 100 µg/kg 100 µg/kg 50 µg/kg 200 µg/kg	Muscle <sup>1</sup> Fat <sup>2</sup> Liver Kidney Milk Eggs	
Valnemulin	Valnemulin	Porcine	50 µg/kg 500 µg/kg 100 µg/kg	Muscle Liver Kidney	
Vedaprofen	Vedaprofen	Equidae	50 µg/kg 20 µg/kg 100 µg/kg 1000 µg/kg	Muscle Fat Liver Kidney	