

Commission Regulation (EC) No 508/1999 of 4 March 1999 amending Annexes I to IV to Council Regulation (EEC) No 2377/90 laying down a Community procedure for the establishment of maximum residue limits of veterinary medicinal products in foodstuffs of animal origin

COMMISSION REGULATION (EC) No 508/1999

of 4 March 1999

amending Annexes I to IV to Council Regulation (EEC) No 2377/90 laying down a Community procedure for the establishment of maximum residue limits of veterinary medicinal products in foodstuffs of animal origin

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to Council Regulation (EEC) No 2377/90 of 26 June 1990 laying down a Community procedure for the establishment of maximum residue limits of veterinary medicinal products in foodstuffs of animal origin<sup>(1)</sup>, as last amended by Commission Regulation (EC) No 2728/98<sup>(2)</sup>, and in particular Articles 6, 7 and 8 thereof,

Whereas, since the adoption of Regulation (EEC) No 2377/90, the Annexes have been amended a number of times; whereas, since the texts are numerous, complex and dispersed among various Official Journals, they are difficult to use and thus lack the clarity which should be an essential feature of all legislation; whereas, certain of those Annexes should therefore be consolidated; whereas on the same occasion the name or chemical description of some compounds should be rectified or made more precise and certain material errors should be corrected;

Whereas the measures provided for in this Regulation are in accordance with the opinion of the Standing Committee on Veterinary Medicinal Products,

HAS ADOPTED THIS REGULATION:

*Article 1*

Annexes I to IV to Regulation (EEC) No 2377/90 are hereby replaced by the texts set out in the Annex to this Regulation.

*Article 2*

This Regulation shall enter into force on the 60th day following that of its publication in the *Official Journal of the European Communities*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

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## ANNEX I

## LIST OF PHARMACOLOGICALLY ACTIVE SUBSTANCES FOR WHICH MAXIMUM RESIDUE LIMITS HAVE BEEN FIXED

1. Anti-infectious agents
  - 1.1. Chemotherapeutics
    - 1.1.1. Sulfonamides

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
All substances belonging to the sulfonamide group	Parent drug	All food-producing species	100 µg/kg	Muscle	The combined total residues of all substances within the sulfonamide group should not exceed 100 µg/kg
			100 µg/kg	Fat	
			100 µg/kg	Liver	
			100 µg/kg	Kidney	
		Bovine, ovine, caprine	Milk		

- 1.1.2. Diamino pyrimidine derivatives

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Baquiloprim	Baquiloprim	Bovine	10 µg/kg	Fat	
			300 µg/kg	Liver	
			150 µg/kg	Kidney	
			30 µg/kg	Milk	
		Porcine	40 µg/kg	Skin and fat	
		50 µg/kg	Liver		
		50 µg/kg	Kidney		
Trimethoprim	Trimethoprim	Bovine	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			50 µg/kg	Liver	

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			50 µg/kg	Kidney	
			50 µg/kg	Milk	
		Porcine	50 µg/kg	Muscle	
			50 µg/kg	Skin and fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	
		Equidae	100 µg/kg	Muscle	
			100 µg/kg	Fat	
			100 µg/kg	Liver	
			100 µg/kg	Kidney	
		Poultry	50 µg/kg	Muscle	
		Not for use in animals from which eggs are produced for human consumption	50 µg/kg	Skin and fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	
		Fin fish	50 µg/kg	Muscle and skin in natural proportions	

## 1.2. Antibiotics

### 1.2.1. Penicillins

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Amoxicillin	Amoxicillin	All food-producing species	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	
			4 µg/kg	Milk	
Ampicillin	Ampicillin	All food-producing species	50 µg/kg	Muscle	

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			50 µg/kg	Fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	
			4 µg/kg	Milk	
Benzylpenicillin	Benzylpenicillin	All food-producing species	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	
			4 µg/kg	Milk	
Cloxacillin	Cloxacillin	All food-producing species	300 µg/kg	Muscle	
			300 µg/kg	Fat	
			300 µg/kg	Liver	
			300 µg/kg	Kidney	
			30 µg/kg	Milk	
Dicloxacillin	Dicloxacillin	All food-producing species	300 µg/kg	Muscle	
			300 µg/kg	Fat	
			300 µg/kg	Liver	
			300 µg/kg	Kidney	
			30 µg/kg	Milk	
Oxacillin	Oxacillin	All food-producing species	300 µg/kg	Muscle	
			300 µg/kg	Fat	
			300 µg/kg	Liver	
			300 µg/kg	Kidney	
			30 µg/kg	Milk	
Penethamate	Benzylpenicillin	Bovine	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	
			4 µg/kg	Milk	

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## 1.2.2. Cephalosporins

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Cefazolin	Cefazolin	Bovine, ovine, caprine	50 µg/kg	Milk	
Cefquinome	Cefquinome	Bovine	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			100 µg/kg	Liver	
			200 µg/kg	Kidney	
			20 µg/kg	Milk	

## 1.2.3. Quinolones

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Danofloxacin	Danofloxacin	Bovine	200 µg/kg	Muscle	
		Not for use in animals from which milk is produced for human consumption	100 µg/kg	Fat	
			400 µg/kg	Liver	
			400 µg/kg	Kidney	
		Chicken	200 µg/kg	Muscle	
		Not for use in animals from which eggs are produced for human consumption	100 µg/kg	Skin and fat	
			400 µg/kg	Liver	
			400 µg/kg	Kidney	
Difloxacin	Difloxacin	Chicken, turkey	300 µg/kg	Muscle	
			400 µg/kg	Skin and fat	
			1 900 µg/kg	Liver	
			600 µg/kg	Kidney	

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Enrofloxacin	Sum of enrofloxacin and ciprofloxacin	Bovine	100 µg/kg	Muscle	
			100 µg/kg	Fat	
			300 µg/kg	Liver	
			200 µg/kg	Kidney	
			100 µg/kg	Milk	
		Rabbits	100 µg/kg	Muscle	
			100 µg/kg	Fat	
			200 µg/kg	Liver	
			300 µg/kg	Kidney	
		Porcine	100 µg/kg	Muscle	
			100 µg/kg	Skin and fat	
			200 µg/kg	Liver	
			300 µg/kg	Kidney	
		Poultry	100 µg/kg	Muscle	
		Not for use in animals from which eggs are produced for human consumption	100 µg/kg	Skin and fat	
			200 µg/kg	Liver	
			300 µg/kg	Kidney	
Sarafloxacin	Sarafloxacin	Chicken	10 µg/kg	Skin and fat	
			100 µg/kg	Liver	
		Salmonidae	30 µg/kg	Muscle and skin in natural proportions	

#### 1.2.4. Macrolides

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Spiramycin	Sum of spiramycin and neospiramycin	Bovine	200 µg/kg	Muscle	

## ANNEX I

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			300 µg/kg	Fat	
			300 µg/kg	Liver	
			300 µg/kg	Kidney	
			200 µg/kg	Milk	
		Chicken	200 µg/kg	Muscle	
			300 µg/kg	Skin and fat	
			400 µg/kg	Liver	
Tilmicosin	Tilmicosin	Bovine, ovine, porcine	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			1 000 µg/kg	Liver	
			1 000 µg/kg	Kidney	
		Ovine	50 µg/kg	Milk	
		Chicken	75 µg/kg	Muscle	Not for use in animals from which eggs are produced for human consumption
			75 µg/kg	Skin and fat	
			1 000 µg/kg	Liver	
			250 µg/kg	Kidney	
Tylosin	Tylosin A	Bovine	100 µg/kg	Muscle	
			100 µg/kg	Fat	
			100 µg/kg	Liver	
			100 µg/kg	Kidney	
			50 µg/kg	Milk	
		Porcine	100 µg/kg	Muscle	
			100 µg/kg	Skin and fat	
			100 µg/kg	Liver	
			100 µg/kg	Kidney	
		Poultry	100 µg/kg	Muscle	
		Not for use in hens producing eggs for	100 µg/kg	Skin and fat	

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		human consumption			
			100 µg/kg	Liver	
			100 µg/kg	Kidney	

#### 1.2.5. Florfenicol and related compounds

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions	
Florfenicol	Sum of florfenicol and its metabolites measured as florfenicol-amine	Bovine	200 µg/kg	Muscle		
			3 000 µg/kg	Liver		
			300 µg/kg	Kidney		
Thiamphenicol	Thiamphenicol	Bovine	50 µg/kg	Muscle		
			50 µg/kg	Fat		
			50 µg/kg	Liver		
			50 µg/kg	Kidney		
		Chicken	50 µg/kg	Muscle		
			Not for use in animals from which eggs are produced for human consumption	50 µg/kg	Skin and fat	
			50 µg/kg	Liver		
			50 µg/kg	Kidney		

#### 1.2.6. Tetracyclines

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Chlortetracycline	Sum of parent drug and its 4- epimer	All food-producing species	100 µg/kg	Muscle	



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			300 µg/kg	Liver	
			600 µg/kg	Kidney	
			100 µg/kg	Milk	
			200 µg/kg	Eggs	
Doxycycline	Doxycycline	Bovine	100 µg/kg	Muscle	
		Not for use in animals from which milk is produced for human consumption	300 µg/kg	Liver	
			600 µg/kg	Kidney	
		Porcine	100 µg/kg	Muscle	
			300 µg/kg	Skin and fat	
			300 µg/kg	Liver	
			600 µg/kg	Kidney	
		Poultry	100 µg/kg	Muscle	
		Not for use in animals from which eggs are produced for human consumption	300 µg/kg	Skin and fat	
			300 µg/kg	Liver	
			600 µg/kg	Kidney	
Oxytetracycline	Sum of parent drug and its 4-epimer	All food-producing species	100 µg/kg	Muscle	
			300 µg/kg	Liver	
			600 µg/kg	Kidney	
			100 µg/kg	Milk	
			200 µg/kg	Eggs	
Tetracycline	Sum of parent drug and its 4-epimer	All food-producing species	100 µg/kg	Muscle	
			300 µg/kg	Liver	
			600 µg/kg	Kidney	
			100 µg/kg	Milk	
			200 µg/kg	Eggs	

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### 1.2.7. Naphtalene-ringed ansamycin

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Rifaximin	Rifaximin	Bovine	60 µg/kg	Milk	

### 1.2.8. Pleuromutilines

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Valnemulin	Valnemulin	Porcine	50 µg/kg	Muscle	
			500 µg/kg	Liver	
			100 µg/kg	Kidney	

## 2. Antiparasitic agents

### 2.1. Agents acting against endoparasites

#### 2.1.1. Salicylanilides

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Closantel	Closantel	Bovine	1 000 µg/kg	Muscle	
			3 000 µg/kg	Fat	
			1 000 µg/kg	Liver	
			3 000 µg/kg	Kidney	
		Ovine	1 500 µg/kg	Muscle	
			2 000 µg/kg	Fat	
			1 500 µg/kg	Liver	
			5 000 µg/kg	Kidney	

#### 2.1.2. Tatra-hydro-imidazoles (imidazolthiazoles)

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Levamisole	Levamisole	Bovine, ovine, porcine, poultry	10 µg/kg	Muscle	

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			10 µg/kg	Fat	
			100 µg/kg	Liver	
			10 µg/kg	Kidney	

### 2.1.3. Benzimidazoles and pro-benzimidazoles

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions	
Albendazole	Sum of albendazole sulphoxide, albendazole sulphone, and albendazole 2-amino sulphone, expressed as albendazole	Bovine, ovine	100 µg/kg	Muscle		
			100 µg/kg	Fat		
			1 000 µg/kg	Liver		
			500 µg/kg	Kidney		
			100 µg/kg	Milk		
Febantel	Sum of extractable residues which may be oxidised to oxfendazole	Bovine, ovine	10 µg/kg	Milk		
			Bovine, ovine, porcine, equidae	50 µg/kg	Muscle	
				50 µg/kg	Fat	
				500 µg/kg	Liver	
				50 µg/kg	Kidney	
Fenbendazole	Sum of extractable residues which may be oxidised to oxfendazole sulphone	Bovine, ovine	10 µg/kg	Milk		

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		Bovine, ovine, porcine, equide	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			500 µg/kg	Liver	
			50 µg/kg	Kidney	
Flubendazole	Sum of flubendazole and (2-amino 1H-benzimidazol-5-yl) (4fluorophenyl) methanone	Porcine, chicken, game birds	50 µg/kg	Muscle	
			50 µg/kg	Skin and fat	
			400 µg/kg	Liver	
			300 µg/kg	Kidney	
	Flubendazole	Chicken	400 µg/kg	Eggs	
Oxfendazole	Sum of extractable residues which may be oxidised to oxfendazole sulphone	Bovine, ovine	10 µg/kg	Milk	
		Bovine, ovine, porcine, equidae	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			500 µg/kg	Liver	
			50 µg/kg	Kidney	
Oxibendazole	Oxibendazole	Porcine	100 µg/kg	Muscle	
			500 µg/kg	Skin and fat	
			200 µg/kg	Liver	
			100 µg/kg	Kidney	
Thiabendazole	Sum of thiabendazole and 5-hydroxythiabendazole	Bovine	100 µg/kg	Muscle	
			100 µg/kg	Fat	

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			100 µg/kg	Liver	
			100 µg/kg	Kidney	
			100 µg/kg	Milk	
Triclabendazole	Sum of extractable residues that may be oxidised to ketotriclabendazole	Bovine, ovine	100 µg/kg	Muscle	Not for use in animals from which milk is produced for human consumption
			100 µg/kg	Liver	
			100 µg/kg	Kidney	

## 2.2. Agents acting against ectoparasites

### 2.2.1. Organophosphates

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Diazinon	Diazinon	Bovine, ovine, caprine	20 µg/kg	Milk	
		Bovine, porcine, ovine, caprine	20 µg/kg	Muscle	
			700 µg/kg	Fat	
			20 µg/kg	Liver	
			20 µg/kg	Kidney	

### 2.2.2. Formamidines

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Amitraz	Sum of amitraz and all metabolites containing the 2,4-DMA moiety, expressed as amitraz	Bovine	200 µg/kg	Fat	
			200 µg/kg	Liver	
			200 µg/kg	Kidney	

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			10 µg/kg	Milk	
		Ovine	400 µg/kg	Fat	
			100 µg/kg	Liver	
			200 µg/kg	Kidney	
			10 µg/kg	Milk	
		Porcine	400 µg/kg	Skin and fat	
			200 µg/kg	Liver	
			200 µg/kg	Kidney	

### 2.2.3. Pyrethroids

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Flumethrin	Flumethrin (sum of trans-Z isomers)	Bovine	10 µg/kg	Muscle	
			150 µg/kg	Fat	
			20 µg/kg	Liver	
			10 µg/kg	Kidney	
			30 µg/kg	Milk	

### 2.3. Agents acting against endo- and ectoparasites

#### 2.3.1. Avermectins

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Abamectin	Avermectin B1a	Bovine	10 µg/kg	Fat	
			20 µg/kg	Liver	
Doramectin	Doramectin	Bovine	10 µg/kg	Muscle	Not for use in bovine from which milk is produced for human consumption
			150 µg/kg	Fat	
			100 µg/kg	Liver	
			30 µg/kg	Kidney	

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		Porcine, ovine	20 µg/kg	Muscle	Not for use in ovine from which milk is produced for human consumption
			100 µg/kg	Fat	
			50 µg/kg	Liver	
			30 µg/kg	Kidney	
Eprinomectin	Eprinomectin B1a	Bovine	30 µg/kg	Muscle	
			30 µg/kg	Fat	
			600 µg/kg	Liver	
			100 µg/kg	Kidney	
			30 µg/kg	Milk	
Ivermectin	22, 23-Dihydro-avermectin B1a	Bovine	40 µg/kg	Fat	
			100 µg/kg	Liver	
		Porcine, ovine, equidae	20 µg/kg	Fat	
			15 µg/kg	Liver	
		Deer, including reindeer	20 µg/kg	Muscle	
			100 µg/kg	Fat	
			50 µg/kg	Liver	
			20 µg/kg	Kidney	
Moxidectin	Moxidectin	Bovine, ovine	50 µg/kg	Muscle	
			500 µg/kg	Fat	
			100 µg/kg	Liver	
			50 µg/kg	Kidney	

#### 2.4. Agents acting against protozoa

##### 2.4.1. Triazinetrione derivative

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Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Toltrazuril	Toltrazuril sulfone	Chicken	100 µg/kg	Muscle	Not for use in animals from which eggs are produced for human consumption
			200 µg/kg	Skin and fat	
			600 µg/kg	Liver	
			400 µg/kg	Kidney	
		Turkey	100 µg/kg	Muscle	
			200 µg/kg	Skin and fat	
			600 µg/kg	Liver	
			400 µg/kg	Kidney	

### 3. Agents acting on the nervous system

#### 3.1. Agents acting on the central nervous system

##### 3.1.1. Butyrophenone tranquillisers

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Azaperone	Sum of azaperone and azaperol	Porcine	100 µg/kg	Muscle	
			100 µg/kg	Skin and fat	
			100 µg/kg	Liver	
			100 µg/kg	Kidney	

#### 3.2. Agents acting on the autonomic nervous system

##### 3.2.1. Anti-adrenergics

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Carazolol	Carazolol	Porcine	5 µg/kg	Muscle	
			5 µg/kg	Skin and fat	
			25 µg/kg	Liver	



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			25 µg/kg	Kidney	
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#### 4. Anti-inflammatory agents

##### 4.1. Nonsteroidal anti-inflammatory agents

##### 4.1.1. Arylpropionic acid derivative

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Vedaprofen	Vedaprofen	Equidae	50 µg/kg	Muscle	
			20 µg/kg	Fat	
			100 µg/kg	Liver	
			1 000 µg/kg	Kidney	

##### 4.1.2. Fenamate group derivatives

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Tolfenamic acid	Tolfenamic acid	Bovine	50 µg/kg	Muscle	
			400 µg/kg	Liver	
			100 µg/kg	Kidney	
			50 µg/kg	Milk	
		Porcine	50 µg/kg	Muscle	
			400 µg/kg	Liver	
			100 µg/kg	Kidney	

#### 5. Corticoides

##### 5.1. Glucocorticoides

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Dexamethasone	Dexamethasone	Bovine	0,3 µg/kg	Milk	
		Bovine, porcine, equidae	0,75 µg/kg	Muscle	
			2 µg/kg	Liver	
			0,75 µg/kg	Kidney	

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## ANNEX II

## LIST OF SUBSTANCES NOT SUBJECT TO MAXIMUM RESIDUE LIMITS

## 1. Inorganic chemicals

<b>Pharmacologically active substance(s)</b>	<b>Animal species</b>	<b>Other provisions</b>
Aluminium distearate	All food-producing species	
Aluminium hydroxide acetate	All food-producing species	
Aluminium phosphate	All food-producing species	
Aluminium tristearate	All food-producing species	
Ammonium chloride	All food-producing species	
Bismuth subcarbonate	All food-producing species	For oral use only
Bismuth subgallate	All food-producing species	For oral use only
Bismuth subnitrate	All food-producing species	For oral use only
Bismuth subsalicylate	All food-producing species	For oral use only
Boric acid and borates	All food-producing species	
Bromide, sodium salt	All mammalian food-producing species	For topical use only
Calcium acetate Calcium benzoate Calcium carbonate Calcium chloride Calcium gluconate Calcium hydroxide Calcium hypophosphite Calcium malate Calcium oxide Calcium phosphate Calcium polyphosphates Calcium propionate Calcium silicate Calcium stearate Calcium sulphate	All food-producing species	
Calcium glucoheptonate	All food-producing species	
Calcium glucono glucoheptonate	All food-producing species	
Calcium gluconolactate	All food-producing species	
Calcium glutamate	All food-producing species	
Cobalt carbonate	All food-producing species	
Cobalt dichloride	All food-producing species	
Cobalt gluconate	All food-producing species	

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Cobalt oxide	All food-producing species	
Cobalt sulphate	All food-producing species	
Cobalt trioxide	All food-producing species	
Copper chloride	All food-producing species	
Copper gluconate	All food-producing species	
Copper heptanoate	All food-producing species	
Copper methionate	All food-producing species	
Copper oxide	All food-producing species	
Copper sulphate	All food-producing species	
Dicopper oxide	All food-producing species	
Hydrochloric acid	All food-producing species	For use as excipient
Hydrogen peroxide	All food-producing species	
Iodine and iodine inorganic compounds including: — Sodium and potassium-iodide — Sodium and potassium-iodate — Iodophors including polyvinylpyrrolidone-iodine	All food-producing species	
Iron dichloride	All food-producing species	
Iron sulphate	All food-producing species	
Magnesium Magnesium sulphate Magnesium hydroxide Magnesium stearate Magnesium glutamate Magnesium orotate Magnesium aluminium silicate Magnesium oxide Magnesium carbonate Magnesium phosphate Magnesium glycerophosphate Magnesium aspartate Magnesium citrate Magnesium acetate Magnesium trisilicate	All food-producing species	
Nickel gluconate	All food-producing species	
Nickel sulphate	All food-producing species	
Potassium DL-aspartate	All food-producing species	

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Potassium glucuronate	All food-producing species	
Potassium glycerophosphate	All food-producing species	
Potassium nitrate	All food-producing species	
Potassium selenate	All food-producing species	
Sodium chlorite	Bovine	For topical use only
Sodium dichloroisocyanurate	Bovine, ovine, caprine	For topical use only
Sodium hypophosphite	All food-producing species	
Sodium selenate	All food-producing species	
Sodium selenite	All food-producing species	
Sulphur	Bovine, porcine, ovine, caprine, equidae	
Zinc acetate Zinc chloride Zinc gluconate Zinc oleate Zinc stearate	All food-producing species	

## 2. Organic compounds

<b>Pharmacologically active substance(s)</b>	<b>Animal species</b>	<b>Other provisions</b>
17 $\beta$ -Oestradiol	All mammalian food-producing species	For therapeutic and zootechnical uses only
2-Aminoethanol	All food-producing species	
2-Aminoethyl dihydrogenphosphate	All food-producing species	
2-Pyrrolidone	All food-producing species	At parenteral doses up to 40 mg/kg bw
8-Hydroxyquinoline	All mammalian food-producing species	For topical use in newborn animals only
Acetyl cysteine	All food-producing species	
Alfacalcidol	Bovine	For parturient cows only
Alfaprostol	Rabbits Bovine, porcine, equidae	
Bacitracin	Bovine	For intramammary use in lactating cows only and for all tissues except milk
Benzalkonium chloride	All food-producing species	For use as an excipient at concentrations up to 0,05 % only

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Benzocaine	All food-producing species	For use as local anaesthetic only
Benzylalcohol	All food-producing species	For use as excipient
Betaine	All food-producing species	
Bronopol	Salmonidae	For use only on farmed fertilised eggs
Brotizolam	Bovine	For therapeutic uses only
Buserelin	All food-producing species	
Butorphanol tartrate	Equidae	For intravenous administration only
Butyl 4-hydroxybenzoate	All food-producing species	
Butylscopolaminium bromide	All food-producing species	
Caffeine	All food-producing species	
Carbetocin	All mammalian food-producing species	
Cefazolin	Bovine Ovine, caprine	For intramammary use, except if the udder may be used as food for human consumption
Cetostearyl alcohol	All food-producing species	
Cetrimide	All food-producing species	
Chlorhexidine	All food-producing species	For topical use only
Chlorocresol	All food-producing species	
Clazuril	Pigeon	
Cloprostenol	Bovine, porcine, equidae	
Coco alkyl dimethyl betaines	All food-producing species	For use as excipient
Corticotropin	All food-producing species	
D-Phe 6 -luteinising-hormone releasing hormone	All food-producing species	
Dembrexine	Equidae	
Denaverine hydrochloride	Bovine	
Detomidine	Bovine, equidae	For therapeutic uses only
Diclazuril	Ovine	For oral use in lambs only
Diethyl phtalate	All food-producing species	
Diethylene glycol monoethyl ether	Bovine, porcine	
Dimanganese trioxide	All food-producing species	For oral use only

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Dimethyl phtalate	All food-producing species	
Dinoprost	All mammalian food-producing species	
Dinoprost tromethamine	All mammalian food-producing species	
Diprophylline	All food-producing species	
Etamiphylline camsylate	All food-producing species	
Ethanol	All food-producing species	For use as excipient
Ethyl lactate	All food-producing species	
Etiproston tromethamine	Bovine, porcine	
Fertirelin acetate	Bovine	
Flumethrin	Bees (honey)	
Folic acid	All food-producing species	
Glycerol formal	All food-producing species	
Gonadotrophin releasing hormone	All food-producing species	
Heptaminol	All food-producing species	
Hesperidin	Equidae	
Hesperidin methyl chalcone	Equidae	
Hexetidine	Equidae	For topical use only
Human chorion gonadotrophin	All food-producing species	
Human menopausal urinary gonadotrophin	Bovine	
Hydrocortisone	All food-producing species	For topical use only
Iodine organic compounds — Iodoform	All food-producing species	
Isobutane	All food-producing species	
Isoflurane	Equidae	For use as anaesthetic only
Isoxsuprine	Bovine, equidae	For therapeutic use only in accordance with Council Directive 96/22/EEC ( <a href="#">OJ L 125, 23.5.1996, p. 3</a> )
Ketamine	All food-producing species	
Ketanserin tartrate	Equidae	
Ketoprofen	Bovine, porcine, equidae	

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L-tartaric acid and its mono- and di-basic salt of sodium, potassium and calcium	All food-producing species	For use as excipient
Lactic acid	All food-producing species	
Lecirelin	Bovine, equidae, rabbits	
Lobeline	All food-producing species	
Luprostiol	All mammalian species	
Malic acid	All food-producing species	For use as excipient
Manganese carbonate	All food-producing species	For oral use only
Manganese chloride	All food-producing species	For oral use only
Manganese gluconate	All food-producing species	For oral use only
Manganese glycerophosphate	All food-producing species	For oral use only
Manganese oxide	All food-producing species	For oral use only
Manganese pidolate	All food-producing species	For oral use only
Manganese ribonucleate	All food-producing species	For oral use only
Manganese sulphate	All food-producing species	For oral use only
Mecillinam	Bovine	For intrauterine use only
Medroxyprogesterone acetate	Ovine	For intravaginal use for zootechnical purposes only
Melatonin	Ovine, caprine	
Menadione	All food-producing species	
Menbutone	Bovine, ovine, caprine, porcine, equidae	
Menthol	All food-producing species	
Methyl nicotinate	Bovine, equidae	For topical use only
Mineral hydrocarbons, low to high viscosity including microcrystalline waxes, approximately C10-C60; aliphatic, branched aliphatic and alicyclic compounds	All food-producing species	Excludes aromatic and unsaturated compounds
N-butane	All food-producing species	
N-butanol	All food-producing species	For use as excipient
Natamycin	Bovine, equidae	For topical use only
Neostigmine	All food-producing species	
Nicoboxil	Equidae	For topical use only
Nonivamide	Equidae	For topical use only

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Oleyloleate	All food-producing species	For topical use only
Oxytocin	All mammalian food-producing species	
Pancreatin	All mammalian food-producing species	For topical use only
Papain	All food-producing species	
Papaverine	Bovine	Newborn calves only
Peracetic acid	All food-producing species	
Phenol	All food-producing species	
Phloroglucinol	All food-producing species	
Phytomenadione	All food-producing species	
Policresulen	All food-producing species	For topical use only
Polyethylene glycol 15 hydroxystearate	All food-producing species	For use as excipient
Polyethylene glycol 7 glyceryl cocoate	All food-producing species	For topical use only
Polyethylene glycol stearates with 8-40 oxyethylene units	All food-producing species	For use as excipient
Polysulphated glycosaminoglycan	Equidae	
Praziquantel	Ovine Equidae	For use in non-lactating sheep only
Pregnant mare serum gonadotrophin	All food-producing species	
Prethcamide (crotethamide and cropropamide)	All mammalian food-producing species	
Procaine	All food-producing species	
Propane	All food-producing species	
Propylene glycol	All food-producing species	
Quatresin	All food-producing species	For use as preservative only at concentrations of up to 0,5 %
R-Cloprostenol	Bovine, porcine, equidae	
Rifaximin	All mammalian food-producing species Bovine	For topical use only [ <sup>X1</sup> For intramammary use, except if the udder may be used as food for human consumption, and intrauterine use only]
Romifidine	Equidae	For therapeutic uses only



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Sodium 2-methyl-2-phenoxy-propanoate	Bovine, porcine, caprine, equidae	
Sodium benzyl 4-hydroxybenzoate	All food-producing species	
Sodium butyl 4-hydroxybenzoate	All food-producing species	
Sodium cetostearyl sulphate	All food-producing species	For topical use only
Somatosalm	Salmon	
Tanninum	All food-producing species	
Tau fluvalinate		
Terpin hydrate	Bovine, porcine, ovine, caprine	
Tetracaine	All food-producing species	For use as anaesthetic only
Theobromine	All food-producing species	
Theophylline	All food-producing species	
Thiomersal	All food-producing species	For use only as preservatives in multidose vaccines at a concentration not exceeding 0,02 %
Thymol	All food-producing species	
Timerfonate	All food-producing species	For use only as preservatives in multidose vaccines at a concentration not exceeding 0,02 %
Trimethylphloroglucinol	All food-producing species	
Vitamin D	All food-producing species	
Wool alcohols	All food-producing species	For topical use only

#### Editorial Information

**X1** Substituted by [Corrigendum to Commission Regulation \(EC\) No 508/1999 of 4 March 1999 amending Annexes I to IV of Council Regulation \(EEC\) No 2377/90 laying down a Community procedure for the establishment of maximum residue limits of veterinary medicinal products in foodstuffs of animal origin \(Official Journal of the European Communities L 60 of 9 March 1999\)](#).

### 3. Substances generally recognised as safe

Pharmacologically active substance(s)	Animal species	Other provisions
Absinthium extract	All food-producing species	
Acetylmethionine	All food-producing species	

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Aluminium hydroxide	All food-producing species	
Aluminium monostearate	All food-producing species	
Ammonium sulfate	All food-producing species	
[ <sup>12</sup> C]Benzyl benzoate]	All food-producing species	
Benzyl p-hydroxybenzoate	All food-producing species	
Calcium borogluconate	All food-producing species	
Calcium citrate	All food-producing species	
Camphor	All food-producing species	External use only
Cardamon extract	All food-producing species	
Diethyl sebacate	All food-producing species	
Dimethicone	All food-producing species	
Dimethyl acetamide	All food-producing species	
Dimethyl sulphoxide	All food-producing species	
Epinephrine	All food-producing species	
Ethyl oleate	All food-producing species	
Ethylenediaminetetraacetic acid and salts	All food-producing species	
Eucalyptol	All food-producing species	
Follicle stimulating hormone (natural FSH from all species and their synthetic analogues)	All food-producing species	
Formaldehyde	All food-producing species	
Formic acid	All food-producing species	
Glutaraldehyde	All food-producing species	
Guaiacol	All food-producing species	
Heparin and its salts	All food-producing species	
Human chorionic gonadotropin (natural HCG and its synthetic analogues)	All food-producing species	
Iron ammonium citrate	All food-producing species	
Iron dextran	All food-producing species	
Iron glucoheptonate	All food-producing species	
Isopropanol	All food-producing species	
Lanolin	All food-producing species	

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Luteinising hormone (natural LH from all species and their synthetic analogues)	All food-producing species	
Magnesium chloride	All food-producing species	
Magnesium gluconate	All food-producing species	
Magnesium hypophosphite	All food-producing species	
Mannitol	All food-producing species	
Methylbenzoate	All food-producing species	
Monothioglycerol	All food-producing species	
Montanide	All food-producing species	
Myglyol	All food-producing species	
Orgotein	All food-producing species	
Poloxalene	All food-producing species	
Poloxamer	All food-producing species	
Polyethylene glycols (molecular weight ranging from 200 to 10 000)	All food-producing species	
Polysorbate 80	All food-producing species	
Serotonin	All food-producing species	
Sodium chloride	All food-producing species	
Sodium cromoglycate	All food-producing species	
Sodium dioctylsulphosuccinate	All food-producing species	
Sodium formaldehydesulphoxylate	All food-producing species	
Sodium lauryl sulphate	All food-producing species	
Sodium pyrosulphite	All food-producing species	
Sodium stearate	All food-producing species	
Sodium thiosulphate	All food-producing species	
Tragacanth	All food-producing species	
Urea	All food-producing species	
Zinc oxide	All food-producing species	
Zinc sulphate	All food-producing species	

#### Editorial Information

**X2** Substituted by [Corrigendum to Commission Regulation \(EC\) No 508/1999 of 4 March 1999 amending Annexes I to IV of Council Regulation \(EEC\) No 2377/90 laying down a Community procedure for the](#)

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establishment of maximum residue limits of veterinary medicinal products in foodstuffs of animal origin (Official Journal of the European Communities L 60 of 9 March 1999).

#### 4. Substances used in homeopathic veterinary medicinal products

Pharmacologically active substance(s)	Animal species	Other provisions
All substances used in homeopathic veterinary medicinal products provided that their concentration in the product does not exceed one part per ten thousand	All food-producing species	

#### 5. Substances used as food additives in foodstuffs for human consumption

Pharmacologically active substance(s)	Animal species	Other provisions
Substances with an E number	All food-producing species	Only substances approved as additives in foodstuffs for human consumption, with the exception of preservatives listed in part C of Annex III to European Parliament and Council Directive 95/2/EC (OJ L 61, 18.3.1995, p. 1).

#### 6. Substances of vegetable origin

Pharmacologically active substance(s)	Animal species	Other provisions
<i>Angelicae radix aetheroleum</i>	All food-producing species	
<i>Anisi aetheroleum</i>	All food-producing species	
<i>Balsamum peruvianum</i>	All food-producing species	For topical use only
<i>Carvi aetheroleum</i>	All food-producing species	
<i>Caryophylli aetheroleum</i>	All food-producing species	
<i>Chrysanthemi cinerariifolii flos</i>	All food-producing species	For topical use only
<i>Cinnamomi cassiae aetheroleum</i>	All food-producing species	
<i>Cinnamomi ceylanici aetheroleum</i>	All food-producing species	
<i>Citri aetheroleum</i>	All food-producing species	
<i>Citronellae aetheroleum</i>	All food-producing species	

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<i>Coriandri aetheroleum</i>	All food-producing species	
<i>Echinacea purpurea</i>	All food-producing species	For topical use only
<i>Eucalypti aetheroleum</i>	All food-producing species	
<i>Foeniculi aetheroleum</i>	All food-producing species	
<i>Hamamelis virginiana</i>	All food-producing species	For topical use only
<i>Hyperici oleum</i>	All food-producing species	For topical use only
<i>Lespedeza capitata</i>	All food-producing species	
<i>Lini oleum</i>	All food-producing species	
<i>Majoranae herba</i>	All food-producing species	
<i>Matricariae flos</i>	All food-producing species	
<i>Medicago sativa extractum</i>	All food-producing species	For topical use only
<i>Melissae folium</i>	All food-producing species	
<i>Menthae piperitae aetheroleum</i>	All food-producing species	
<i>Millefolii herba</i>	All food-producing species	
<i>Myristicae aetheroleum</i>	All food-producing species	For use in newborn animals only
Oxidation products of <i>Terebinthinae oleum</i>	Bovine, porcine, ovine, caprine	
<i>Pyrethrum extract</i>	All food-producing species	For topical use only
<i>Quercus cortex</i>	All food-producing species	
<i>Quillaia saponins</i>	All food-producing species	
<i>Ricini oleum</i>	All food-producing species	For use as excipient
<i>Rosmarini aetheroleum</i>	All food-producing species	
<i>Rosmarini folium</i>	All food-producing species	
<i>Salviae folium</i>	All food-producing species	
<i>Sambuci flos</i>	All food-producing species	
<i>Sinapis nigrae semen</i>	All food-producing species	
<i>Terebinthinae aetheroleum rectificatum</i>	All food-producing species	For topical use only
<i>Terebinthinae laricina</i>	All food-producing species	For topical use only
<i>Thymi aetheroleum</i>	All food-producing species	
<i>Tiliae flos</i>	All food-producing species	
<i>Urticae herba</i>	All food-producing species	

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## ANNEX III

LIST OF PHARMACOLOGICALLY ACTIVE SUBSTANCES  
USED IN VETERINARY MEDICINAL PRODUCTS FOR WHICH  
PROVISIONAL MAXIMUM RESIDUE LIMITS HAVE BEEN FIXED

## 1. Anti-infectious agents

## 1.1. Chemotherapeutics

## 1.1.2. Benzenesulphonamides

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Clorsulon	Clorsulon	Bovine	50 µg/kg	Muscle	Provisional MRLs expire on 1 January 2000
			150 µg/kg	Liver	
			400 µg/kg	Kidney	

## 1.2. Antibiotics

## 1.2.1. Beta-lactamase inhibitors

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Clavulanic acid	Clavulanic acid	Bovine, ovine	200 µg/kg	Milk	Provisional MRLs expire on 1 July 1999
		Bovine, ovine, porcine	200 µg/kg	Muscle	
			200 µg/kg	Fat	
			200 µg/kg	Liver	
			200 µg/kg	Kidney	

## 1.2.2. Macrolides

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Erythromycin	MRLs apply to all microbiological	Bovine, ovine	40 µg/kg	Milk	Provisional MRLs expire

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	active residues expressed as erythromycin equivalent				on 1 June 2000
		Bovine, ovine, porcine, poultry	400 µg/kg	Muscle	
			400 µg/kg	Fat	
			400 µg/kg	Liver	
			400 µg/kg	Kidney	
		Poultry	200 µg/kg	Eggs	
Josamycin	Josamycin	Chicken	200 µg/kg	Muscle	Provisional MRLs expire on 1 July 2000
			200 µg/kg	Fat	
			200 µg/kg	Liver	
			400 µg/kg	Kidney	
			200 µg/kg	Eggs	

#### 1.2.5. Aminoglycosides

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Aminosidine	Aminosidine	Bovine, porcine, rabbits, chicken	500 µg/kg	Muscle	Provisional MRLs expire on 1 July 2000
			1 500 µg/kg	Liver	
			1 500 µg/kg	Kidney	
Apramycin	Apramycin	Bovine	1 000 µg/kg	Muscle	Provisional MRLs expire on 1 July 1999
		For use in non-lactating cattle only	1 000 µg/kg	Fat	
			10 000 µg/kg	Liver	
			20 000 µg/kg	Kidney	

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		Porcine	1 000 µg/kg	Muscle	
			1 000 µg/kg	Skin and fat	
			1 000 µg/kg	Liver	
			5 000 µg/kg	Kidney	
Dihydrostreptomycin	Dihydrostreptomycin	Bovine, ovine	200 µg/kg	Milk	Provisional MRLs expire on 1 June 2000
		Bovine, ovine, porcine, poultry	500 µg/kg	Muscle	
			500 µg/kg	Fat	
			500 µg/kg	Liver	
			1 000 µg/kg	Kidney	
Gentamicin	Gentamicin	Bovine	100 µg/kg	Milk	Provisional MRLs expire on 1 June 2000
		Bovine, porcine	100 µg/kg	Muscle	
			100 µg/kg	Fat	
			200 µg/kg	Liver	
			1 000 µg/kg	Kidney	
Neomycin (including framycetin)	Neomycin	Bovine, ovine, caprine	500 µg/kg	Milk	Provisional MRLs expire on 1 June 2000
		Bovine, ovine, caprine, porcine, chicken, turkey, duck	500 µg/kg	Muscle	
			500 µg/kg	Fat	
			500 µg/kg	Liver	
			5 000 µg/kg	Kidney	
		Chicken	500 µg/kg	Eggs	
Spectinomycin	Spectinomycin	Bovine	200 µg/kg	Milk	Provisional MRLs expire



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					on 1 July 2000
		Bovine, porcine, poultry	300 µg/kg	Muscle	
			500 µg/kg	Fat	
			2 000 µg/kg	Liver	
			5 000 µg/kg	Kidney	
Streptomycin	Streptomycin	Bovine, ovine	200 µg/kg	Milk	Provisional MRLs expire on 1 June 2000
		Bovine, ovine, porcine, poultry	500 µg/kg	Muscle	
			500 µg/kg	Fat	
			500 µg/kg	Liver	
			1 000 µg/kg	Kidney	

#### 1.2.6. Quinolones

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Decoquinatate	Decoquinatate	Bovine, ovine	500 µg/kg	Muscle	Provisional MRLs expire on 1 July 2000
			500 µg/kg	Fat	
			500 µg/kg	Liver	
			500 µg/kg	Kidney	
Enrofloxacin	Sum of enrofloxacin and ciprofloxacin	Ovine	100 µg/kg	Muscle	Provisional MRLs expire on 1 July 1999
			100 µg/kg	Fat	
			300 µg/kg	Liver	
			200 µg/kg	Kidney	
Flumequine	Flumequine	Bovine, ovine,	50 µg/kg	Muscle	Provisional MRLs expire

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		porcine, chicken			on 1 January 2000
			50 µg/kg	Fat or skin and fat	
			100 µg/kg	Liver	
			300 µg/kg	Kidney	
		Salmonidae	150 µg/kg	Muscle and skin	
Marbofloxacin	Marbofloxacin	Bovine	150 µg/kg	Muscle	Provisional MRLs expire on 1 July 2000
			50 µg/kg	Fat	
			150 µg/kg	Liver	
			150 µg/kg	Kidney	
			75 µg/kg	Milk	
		Porcine	150 µg/kg	Muscle	
			50 µg/kg	Skin and fat	
			150 µg/kg	Liver	
			150 µg/kg	Kidney	

### 1.2.9. Polymyxins

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Colistin	Colistin	Bovine, ovine	50 µg/kg	Milk	Provisional MRLs expire on 1 July 2000
		Bovine, ovine, porcine, chicken, rabbits	150 µg/kg	Muscle	
			150 µg/kg	Fat	
			150 µg/kg	Liver	
			200 µg/kg	Kidney	
		Chicken	300 µg/kg	Eggs	

### 1.2.10. Penicillins

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Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Penethamate	Benzylpenicillin	Ovine	50 µg/kg	Muscle	Provisional MRLs expire on 1 January 2000
			50 µg/kg	Fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	
		Porcine	4 µg/kg	Milk	
			50 µg/kg	Muscle	
			50 µg/kg	Fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	

#### 1.2.11. Florfenicol and related compounds

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Florfenicol	Sum of florfenicol and its metabolites measured as florfenicol-amine	Fish	1 000 µg/kg	Muscle and skin in natural proportions	Provisional MRLs expire on 1 July 2001

## 2. Antiparasitic agents

### 2.1. Agents acting against endoparasites

#### 2.1.2. Benzimidazoles and pro-benzimidazoles

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Albendazole sulphoxide	Sum of albendazole, albendazole sulphoxide, albendazole sulphone, and albendazole 2-amino	Bovine, ovine	100 µg/kg	Milk	Provisional MRLs expire on 1 January 2000

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	sulphone, expressed as albendazole				
		Bovine, ovine, pheasant	100 µg/kg	Muscle	
			100 µg/kg	Fat	
			1 000 µg/kg	Liver	
			500 µg/kg	Kidney	
Netobimin	Sum of netobimin and albendazole and metabolites of albendazole measured as 2-amino-benzimidazole sulphone	Bovine, ovine, caprine	100 µg/kg	Muscle	Provisional MRLs expire on 31 July 1999
			100 µg/kg	Fat	
			1 000 µg/kg	Liver	
			500 µg/kg	Kidney	
			100 µg/kg	Milk	

## 2.2. Agents acting against ectoparasites

### 2.2.1. Formamidines

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Amitraz	Sum of amitraz and all metabolites containing the 2,4-DMA moiety, expressed as amitraz	Bees	200 µg/kg	Honey	Provisional MRLs expire on 1 July 1999

### 2.2.2. Iminophenyl thiazolidine derivative

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Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Cymiazole	Cymiazole	Bees	1 000 µg/kg	Honey	Provisional MRLs expire on 1 July 1999

### 2.2.3. Pyretrin and pyrethroids

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Cyfluthrin	Cyfluthrin	Bovine	10 µg/kg	Muscle	Provisional MRLs expire on 1 January 2001
			50 µg/kg	Fat	
			10 µg/kg	Liver	
			10 µg/kg	Kidney	
			20 µg/kg	Milk	
				Further provisions in Council Directive 94/29/EC are to be observed ( <a href="#">OJ L 189, 23.7.1994, p. 67</a> )	

### 2.2.4. Organophosphates

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Azamethiphos	Azamethiphos	Salmonidae	100 µg/kg	Muscle and skin in natural proportions	Provisional MRLs expire on 1 June 1999

### 2.2.5. Acyl urea derivates

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Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Teflubenzuron	Teflubenzuron	Salmonidae	500 µg/kg	Muscle and skin in natural proportions	Provisional MRLs expire on 1 July 1999

### 2.3. Agents acting against endo- and ectoparasites

#### 2.3.1. Avermectins

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Moxidectin	Moxidectin	Equidae	50 µg/kg	Muscle	Provisional MRLs expire on 1 January 2000
			500 µg/kg	Fat	
			100 µg/kg	Liver	
			50 µg/kg	Kidney	

### 3. Agents acting on the nervous system

#### 3.2. Agents acting on the autonomic nervous system

##### 3.2.1. β 2 sympathomimetic agents

Pharmacological active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Clenbuterol hydrochloride	Clenbuterol	Bovine	0,1 µg/kg	Muscle	Provisional MRLs expire on 1 July 2000
		Indication: solely for tocolysis in parturient cows	0,5 µg/kg	Liver	
			0,5 µg/kg	Kidney	
			0,05 µg/kg	Milk	
		Equidae	0,1 µg/kg	Muscle	
		Indications: tocolysis and	0,5 µg/kg	Liver	

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		the treatment of respiratory ailments			
			0,5 µg/kg	Kidney	

## 5. Anti-inflammatory agents

### 5.1. Nonsteroidal anti-inflammatory agents

#### 5.1.1. Arylpropionic acid derivative

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Carprofen	Carprofen	Bovine	500 µg/kg	Muscle	Provisional MRLs expire on 1 January 2000
			500 µg/kg	Fat	
			1 000 µg/kg	Liver	
			1 000 µg/kg	Kidney	
		Equidae	50 µg/kg	Muscle	
			100 µg/kg	Fat	
			1 000 µg/kg	Liver	
			1 000 µg/kg	Kidney	

#### 5.1.2. Enolic acid derivatives

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Meloxicam	Meloxicam	Bovine	25 µg/kg	Muscle	Provisional MRLs expire on 1 January 2000
			60 µg/kg	Liver	
			35 µg/kg	Kidney	

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## ANNEX IV

LIST OF PHARMACOLOGICALLY ACTIVE SUBSTANCES  
FOR WHICH NO MAXIMUM LEVELS CAN BE FIXED

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**Pharmacologically active substance(s)**

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*Aristolochia* spp. and preparations thereof

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Chloramphenicol

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Chloroform

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Chlorpromazine

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Colchicine

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Dapsone

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Dimetridazole

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Metronidazole

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Nitrofurans (including furazolidone)

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Ronidazole

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- (1) [OJ L 224, 18. 8. 1990, p. 1.](#)
- (2) [OJ L 343, 18. 12. 1998, p. 8.](#)

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