COMMISSION REGULATION (EC) No 1570/98

of 17 July 1998

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

(Text with EEA relevance)

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 [1], as last amended by Commission Regulation (EC) No 1569/98 [2], and in particular Articles 6, 7 and 8 thereof,

Whereas, since the adoption of the Regulation, the Annexes have been amended a number of times; whereas, by reason of their number, their complexity and their dispersal among various Official Journals, the texts are difficult to use and thus lack the clarity which should be an essential feature of all legislation; whereas, they 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 amended as set out in the Annex hereto.

Article 2

This Regulation shall enter into force on the 60th day following 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.

Done at Brussels, 17 July 1998.

For the Commission
Martin BANGEMANN
Member of the Commission

[1] OJ L 224, 18. 8. 1990, p. 1.
[2] See page 7 of this Official Journal.

ANNEX

A. Annex I to Regulation (EEC) No 2377/90 is amended as follows:

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	100 µg/kg	Milk	

1.1.2. Diamino pyrimidine derivates

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 + fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	
Trimethoprim	Trimethoprim	Bovine	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	
			50 µg/kg	Milk	
		Porcine	50 µg/kg	Muscle	
			50 µg/kg	Skin + fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
		Equidae	100 µg/kg	Muscle	
			100 µg/kg	Fat	
			100 µg/kg	Liver	
			100 µg/kg	Kidney	
		Poultry not for use in animals from which eggs are produced for human consumption	50 µg/kg	Muscle	
			50 µg/kg	Skin + 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

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'Amoxicyllin	Amoxicyllin	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	
			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	

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
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	
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	
Penethamate	Benzylpenicillin	Bovine	50 µg/kg 50 µg/kg 50 µg/kg 50 µg/kg 4 µg/kg	Muscle Fat Liver Kidney Milk’	

1.2.2. Cephalosporins

Pharmacologically 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 50 µg/kg 100 µg/kg 200 µg/kg 20 µg/kg	Muscle Fat Liver Kidney Milk’	

1.2.3. Quinolones

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'Danofloxacine	Danofloxacine	Bovine (not for use in animals from which milk is produced for human consumption)	200 µg/kg 100 µg/kg 400 µg/kg 400 µg/kg	Muscle Fat Liver Kidney	
		Chicken (not for use in animals from which eggs are produced for human consumption)	200 µg/kg 100 µg/kg 400 µg/kg 400 µg/kg	Muscle Skin + fat Liver Kidney	
Difloxacin	Difloxacin	Chicken, turkey	300 µg/kg 400 µg/kg 1 900 µg/kg 600 µg/kg	Muscle Skin + fat Liver Kidney	
Enrofloxacin	Sum of enrofloxacin and ciprofloxacin	Bovine, porcine, poultry	30 µg/kg 30 µg/kg 30 µg/kg	Muscle Liver Kidney	
Sarafloxacin	Sarafloxacin	Chicken	10 µg/kg 100 µg/kg	Skin + fat Liver'	

1.2.4. Macrolides

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'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 Kidley Milk	
		Chicken	200 µg/kg 300 µg/kg 400 µg/kg	Muscle Skin + fat Liver	

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Tilmicosin	Tilmicosin	Bovine, ovine, porcine	1 000 µg/kg	Liver	
			1 000 µg/kg	Kidney	
		Ovine	50 µg/kg	Milk	
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 + fat	
			100 µg/kg	Liver	
			100 µg/kg	Kidney	
		Poultry (not for use in hens producing eggs for human consumption)	100 µg/kg	Muscle	
			100 µg/kg	Skin + fat	
			100 µg/kg	Liver	
			100 µg/kg	Kidney'	

1.2.5. Florfenicol and related compounds

Pharmacologically 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'	

1.2.6. Tetracyclines

Pharmacologically 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 300 µg/kg 600 µg/kg 100 µg/kg 200 µg/kg	Muscle Liver Kidney Milk Eggs	
Doxycycline	Doxycycline	Bovine Porcine, poultry	100 µg/kg 300 µg/kg 600 µg/kg 100 µg/kg 300 µg/kg 300 µg/kg 600 µg/kg	Muscle Liver Kidney Muscle Skin + fat Liver Kidney	
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	
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'	

1.2.7. Thiamphenicol and related compounds

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'Thiamphenicol	Thiamphenicol	Bovine	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	
			50 µg/kg	Milk	
		Chicken (not for use in animals from which eggs are produced for human consumption)	50 µg/kg	Muscle	
			50 µg/kg	Skin + fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney'	

2. Antiparasitic agents

2.1. Agents acting against endoparasites

2.1.1. Salicylanilides

Pharmacologically 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)

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'Levamisole	Levamisole	Bovine, ovine, porcine, poultry	10 µg/kg	Muscle	
			10 µg/kg	Fat	
			100 µg/kg	Liver	
			10 µg/kg	Kidney'	

2.1.3. Benzimidazoles and pro-benzimidazoles

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'Febantel	Sum of extractable residues which may be oxidised to oxfendazole sulphone	Bovine, ovine Bovine, ovine, porcine, equidae	10 µg/kg 50 µg/kg 50 µg/kg 500 µg/kg 50 µg/kg	Milk Muscle Fat Liver Kidney	
Fenbendazole	Sum of extractable residues which may be oxidised to oxfendazole sulphone	Bovine, ovine Bovine, ovine, porcine, equidae	10 µg/kg 50 µg/kg 50 µg/kg 500 µg/kg 50 µg/kg	Milk Muscle Fat Liver Kidney	
Flubendazole	Sum of flubendazole and (2-amino 1H-benzimidazol-5-yl) (4-fluorophenyl)methanone Flubendazole	Porcine, chicken, game birds Chicken	50 µg/kg 50 µg/kg 400 µg/kg 300 µg/kg 400 µg/kg	Muscle Skin + fat Liver Kidney Eggs	
Oxfendazole	Sum of extractable residues which may be oxidised to oxfendazole sulphone	Bovine, ovine Bovine, ovine, porcine, equidae	10 µg/kg 50 µg/kg 50 µg/kg 500 µg/kg 50 µg/kg	Milk Muscle Fat Liver Kidney	
Oxibendazole	Oxibendazole	Porcine	100 µg/kg 500 µg/kg 200 µg/kg 100 µg/kg	Muscle Skin + fat Liver Kidney	
Thiabendazole	Sum of thiabendazole and 5-hydroxythiabendazole	Bovine	100 µg/kg 100 µg/kg 100 µg/kg 100 µg/kg 100 µg/kg	Muscle Fat Liver Kidney Milk	

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Triclabendazole	Sum of extractable residues that may be oxidised to ketotriclabendazole	Bovine, ovine	100 µg/kg 100 µg/kg 100 µg/kg	Muscle Liver Kidney	Not for use in animals from which milk is produced for human consumption'

2.2. Agents acting against ectoparasites

2.2.1. Organophosphates

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

2.2.2. Formamidines

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'Amitraz	Sum of amitraz and all metabolites containing the 2,4-DMA moeity, expressed as amitraz	Porcine	400 µg/kg 200 µg/kg 200 µg/kg	Skin + fat Liver Kidney'	

2.3. Agents acting against endo- and ectoparasites

2.3.1. Avermectins

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'Abamectin	Avermectin B1a	Bovine	10 µg/kg 20 µg/kg	Fat Liver	

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Doramectin	Doramectin	Bovine	10 µg/kg 150 µg/kg 100 µg/kg 30 µg/kg	Muscle Fat Liver Kidney	Not for use in ovines from which milk is produced for human consumption'
		Porcine, ovine	20 µg/kg 100 µg/kg 50 µg/kg 30 µg/kg	Muscle Fat Liver Kidney	
Eprinomectin	Eprinomectin B1a	Bovine	30 µg/kg 30 µg/kg 600 µg/kg 100 µg/kg 30 µg/kg	Muscle Fat Liver Kidney Milk	
Ivermectin	22,23-Dihydro-avermectin B1a	Bovine	40 µg/kg 100 µg/kg	Fat Liver	
		Porcine, ovine, equidae	20 µg/kg 15 µg/kg	Fat Liver	
Moxidectin	Moxidectin	Bovine, ovine	50 µg/kg 500 µg/kg 100 µg/kg 50 µg/kg	Muscle Fat Liver Kidney	

3. Agents acting on the nervous system

3.2. Agents acting on the autonomic nervous system

3.2.1. Anti-adrenergics

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

4. Anti-infammatory agents

4.1. Nonsteroidal anti-infammatory agents

4.1.1. Arylpropionic acid derivative

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

4.1.2. Fenamate group derivates

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

5. Corticoides

5.1. Glucocorticoides

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

B. Annexe II to Regulation (EEC) No 2377/90 is amended as follows:

1. Inorganic chemicals

Pharmacologically active substance(s)	Animal species	Other provisions
'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	
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-iodide — Iodophors including polyvinylpyrrolidone-iodine	All food producing species	

Pharmacologically active substance(s)	Animal species	Other provisions
Magnesium Magnesium sulphate Magnesium hydroxide Magnesium stearate Magnesium glutamate Magnesium orotate Magnesium aluminium silicate Magnesium oxide Magnesium carbonate Magnesium phosphate Magnesium glycerophosphate Magnesium asparate Magnesium citrate Magnesium acetate Magnesium trisilicate	All food producing species	
Potassium DL-aspartate	All food producing species	
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 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

Pharmacologically active substance(s)	Animal species	Other provisions
‘17B-Oestradiol	All mammalian food producing species	For therapeutic and zootechnical uses only
Acetyl cysteine	All food producing species	
Alfaprostol	Bovine, porcine, equidae	
Benzylalcohol	All food producing species	For use as excipient
Betaine	All food producing species	
Brotizolam	Bovine	For therapeutic uses only
Buserelin	All food producing species	
Butyl 4-hydroxybenzoate	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)
Cetrimide	All food producing species	
Chlorhexidine	All food producing species	For topical use only
Chlorocresol	All food producing species	
Cloprostenol	Bovine, porcine, equidae	
D-phe 6-luteinizing-hormone-releasing-hormone	All food producing species	
Dembrexine	Equidae	
Detomidine	Bovine, equidae	For therapeutic uses only
Diclazuril	Ovine	For oral use in lambs only
Dicloxacillin	All food producing species	
Diethyl phtalate	All food producing species	
Dimethyl phtalate	All food producing species	
Dinoprost tromethamine	All mammalian food producing species	

Pharmacologically active substance(s)	Animal species	Other provisions
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	
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	
Human chorion gonadotrophin (HCG)	All food producing species	
Human menopausal urinary gonadotrophin	Bovine	
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 (OJ L 125, 23.5.1996, p. 3)
Ketanserin tartrate	Equidae	
Ketoprofen	Bovine, equidae Porcine	
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		

Pharmacologically active substance(s)	Animal species	Other provisions
Lini oleum	All food producing species	
Lobeline	All food producing species	
Luprostiol	All mammalian species	
Malic acid	All food producing species	For use as excipient
Medroxyprogesterone acetate	Ovine	For intravaginal use for zootechnical purposes only
Melatonin	Ovine, caprine	
Menbutone	Bovine, ovine, caprine, porcine, equidae	
Menthol	All food producing species	
Mineral hydrocarbons, low to high viscosity including micro-cristalline 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
Neostigmine	All food producing species	
Oxytocin	All mammalian food producing species	
Pancreatin	All mammalian food producing species	For topical use only
Papain	All food producing species	
Papaverine	Bovine	New-born calves only
Peracetic acid	All food producing species	
Phenol	All food producing species	
Phloroglucinol	All food producing species	
Policresulene	All food producing species	For topical use only
Polysulphated glycosaminoglycan	Equidae	
Praziquantel	Ovine	For non-lactating sheep only
Pregnant mare serum gonadotrophin	All food producing species	

Pharmacologically active substance(s)	Animal species	Other provisions
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 %
Quillaia saponins	All food producing species	
R-clopostenol	Bovine, porcine, equidae	
Rifaximin	Bovine	For intramammary use - except if the udder may be used as food for human consumption - and intra-uterine use only
Romifidine	Equidae	For therapeutic uses only
Sodium benzyl 4-hydroxybenzoate	All food producing species	
Sodium butyl 4-hydroxybenzoate	All food producing species	
Somatosalm	Salmon	
Tau fluvalinate	Honey bees	
Theobromine	All food producing species	
Theophylline	All food producing species	
Thiomersal	All food producing species	For use only as preservatives in multi-dose vaccines at a concentration not exceeding 0,02 %
Thymol	All food producing species	
Timerfonate	All food producing species	For use only as preservatives in multi-dose vaccines at a concentration not exceeding 0,02 %'
Trimethylphloroglucinol	All food producing species	

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	
Aluminium hydroxide	All food producing species	
Aluminium monostearate	All food producing species	

Pharmacologically active substance(s)	Animal species	Other provisions
Ammonium sulfate	All food producing species	
Benzoyl 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	

Pharmacologically active substance(s)	Animal species	Other provisions
Iron dextran	All food producing species	
Iron glucoheptonate	All food producing species	
Isopropanol	All food producing species	
Luteinising hormone (natural LH from all species and their synthetic analogues)	All food producing species	
Lanolin	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	

Pharmacologically active substance(s)	Animal species	Other provisions
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	

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 10 000	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.)'

C. Annex III to Regulation (EEC) No 2377/90 is amended as follows:

1. Anti-infectious agents

1.1. Chemotherapeutics

1.1.2. Benzenesulphonamides

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

1.2. Antibiotics

1.2.1. Beta-lactamase inhibitors

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

1.2.2. Macrolides

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'Erythromycin	Erythromycin	Bovine, ovine Bovine, ovine, porcine, poultry Poultry	40 µg/kg 400 µg/kg 400 µg/kg 400 µg/kg 400 µg/kg 200 µg/kg	Milk Muscle Fat Liver Kidney Eggs	Provisional MRLs expire on 1 June 2000; MRLs apply to all microbiological active residues expressed as erythromycin equivalent

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Josamycin	Josamycin	Chicken	200 µg/kg 200 µg/kg 200 µg/kg 400 µg/kg 200 µg/kg	Muscle Fat Liver Kidney Eggs	Provisional MRLs expire on 1 July 2000'

1.2.4. Cephalosporins

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'Ceftiofur	Sum of all residues retaining the betalactam structure expressed as desfuroylceftiofur	Bovine	200 µg/kg 600 µg/kg 2 000 µg/kg 2 000 µg/kg 100 µg/kg	Muscle Fat Liver Kidney Milk	Provisional MRLs expire on 1 January 1999
		Porcine	500 µg/kg 600 µg/kg 3 000 µg/kg 4 000 µg/kg	Muscle Fat Liver Kidney	
Cephapirin	Sum of cephapirin and desacetylcephapirin	Bovine	50 µg/kg 50 µg/kg 50 µg/kg 100 µg/kg 10 µg/kg	Muscle Fat Liver Kidney Milk	Provisional MRLs expire on 1 January 1999'

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 1 500 µg/kg 1 500 µg/kg	Muscle Liver Kidney	Provisional MRLs expire on 1 July 2000

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Apramycin	Apramycin	Bovine (for use in non-lactating cattle only)	1 000 µg/kg	Muscle	Provisional MRLs expire on 1 July 1999
			1 000 µg/kg	Liver	
			10 000 µg/kg	Liver	
			20 000 µg/kg	Kidney	
		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 on 1 July 1998
		Bovine, porcine, poultry	300 µg/kg	Muscle	
			500 µg/kg	Fat	
			2 000 µg/kg	Liver	
			5 000 µg/kg	Kidney	

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
Streptomycin	Streptomycin	Bovine, ovine Bovine, ovine, porcine, poultry	200 µg/kg 500 µg/kg 500 µg/kg 500 µg/kg 1 000 µg/kg	Milk Muscle Fat Liver Kidney	Provisional MRLs expire on 1 June 2000'

1.2.6. Quinolones

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'Decoquinate	Decoquinate	Bovine, ovine	500 µg/kg 500 µg/kg 500 µg/kg 500 µg/kg	Muscle Fat Liver Kidney	Provisional MRLs expire on 1 July 2000
Flumequine	Flumequine	Bovine, ovine, porcine, chicken	50 µg/kg	Muscle	Provisional MRLs expire on 1 January 2000
Flumequine	Flumequine	Bovine, ovine, porcine, chicken Salmonidae	50 µg/kg 100 µg/kg 300 µg/kg 150 µg/kg	Fat or skin + fat Liver Kidney	Provisional MRLs expire on 1 January 2000
Marbofloxacin	Marbofloxacin	Bovine Porcine	150 µg/kg 50 µg/kg 150 µg/kg 150 µg/kg 75 µg/kg 150 µg/kg 50 µg/kg 150 µg/kg 150 µg/kg	Muscle Fat Liver Kidney Milk Muscle Skin + fat Liver Kidney	Provisional MRLs expire on 1 July 2000
Sarafloxacin	Sarafloxacin	Salmonidae	30 µg/kg	Muscle and skin in natural proportions	Provisional MRLs expire on 1 July 1998'

1.2.9. Polymyxins

Pharmacologically 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

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'Nafcillin	Nafcillin	Bovine	30 µg/kg	Muscle	Provisional MRLs expire on 1 January 1999 For intramammary use only
			30 µg/kg	Fat	
			30 µg/kg	Liver	
			30 µg/kg	Kidney	
			30 µg/kg	Milk	
Penethamate	Benzylpenicillin	Ovine	150 µg/kg	Muscle	Provisional MRLs expire on 1 January 2000'
			150 µg/kg	Fat	
			150 µg/kg	Liver	
			150 µg/kg	Kidney	
			4 µg/kg	Milk	
		Porcine	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	

1.2.11. Florfenicol and related compounds

Pharmacologically 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

Pharmacologically 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 sulphone, expressed as albendazole	Bovine, ovine Bovine, ovine, pheasant	100 µg/kg 100 µg/kg 100 µg/kg 1 000 µg/kg 500 µg/kg	Milk Muscle Fat Liver Kidney	Provisional MRLs expire on 1 January 2000
Netobimin	Sum of netobimin and albendazole and metabolites of albendazole measured as 2-amino-benzimidazole sulphone	Bovine, ovine, caprine	100 µg/kg 100 µg/kg 1 000 µg/kg 500 µg/kg 100 µg/kg	Muscle Fat Liver Kidney Milk	Provisional MRLs expire on 31 July 1999'

2.2. Agents acting against ectoparasites

2.2.1. Formamidines

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'Amitraz	Sum of amitraz and metabolites which are measured as 2,4-dimethylaniline	Bovine	200 µg/kg 200 µg/kg 200 µg/kg 10 µg/kg	Fat Liver Kidney Milk	Provisional MRLs expire on 1 July 1998
		Ovine	400 µg/kg 200 µg/kg 200 µg/kg	Fat Liver Kidney	
	Sum of amitraz and all metabolites containing the 2,4-DMA moeity, expressed as amitraz	Bees	200 µg/kg	Honey	Provisional MRLs expire on 1 July 1999'

2.2.2. Iminophenyl thiazolidine derivative

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'

2.2.4. 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

Pharmacologically 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

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'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	Provisional MRLs expire on 1 January 1999
Moxidectin	Moxidectin	Equidae	50 µg/kg 500 µg/kg 100 µg/kg 50 µg/kg	Muscle Fat Liver Kidney	Provisional MRLs expire on 1 January 2000'

3. Agents acting on the nervous system

3.2. Agents acting on the autonomic nervous system

3.2.1. ß2 sympathomimetic agents

Pharmacologically active substance(s)	Marker residue	Animal species	MRLs	Target tissues	Other provisions
'Clenbuterol hydrochloride	Clenbuterol	Bovine (indication: solely for tocolysis in parturient cows)	0,1 µg/kg 0,5 µg/kg 0,5 µg/kg 0,05 µg/kg	Muscle Liver Kidney Milk	Provisional MRLs expire on 1 July 2000'
		Equidae (indications: locolysis and the treatment of respiratory ailments)	0,1 µg/kg 0,5 µg/kg 0,5 µg/kg	Muscle Liver Kidney	

5. Anti-inflammatory agents

5.1. Non-steroidal 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 500 µg/kg 1 000 µg/kg 1 000 µg/kg	Muscle Fat Liver Kidney	Provisional MRLs expire on 1 January 2000'
		Equidae	50 µg/kg 100 µg/kg 1 000 µg/kg 1 000 µg/kg	Muscle Fat Liver Kidney	

D. Annex IV to Regulation (EEC) No 2377/90 is amended as follows:

Pharmacologically active substance(s)
'Chloramphenicol
Chloroform
Chlorpromazine
Colchicine
Dapsone
Dimetridazole
Furazolidone
Metronidazole
Nitrofurans
Ronidazole'