[^{F1}ANNEX I

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

Textual Amendments

- F1 Substituted by 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.
- 1. Anti-infectious agents
- 1.1. Chemotheurapeutics
- 1.1.1. Sulfonamides

Pharmacolog active substance(s)	ic Mly rker 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 derivatives

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Baquiloprim	Baquiloprim	Bovine	10 µg/kg	Fat	
			300 µg/kg	Liver	
			150 µg/kg	Kidney	
a [^{F2} For porcine	and poultry species th	is MRL relates to 'sk	in and fat in natural	proportions'.	
b For fin fish this	s MRL relates to 'mu	scle and skin in natura	al proportions'.]		

		30 µg/kg	Milk	
	Porcine	40 µg/kg	Skin and fat	
		50 µg/kg	Liver	
		50 µg/kg	Kidney	
[^{F3} TrimethoprimTrimethoprim	nethoprim All food	50 µg/kg	Fat ^a	Not for use in
	producing species	50 µg/kg	Muscle ^b	- animals from which eggs
	except equidae	50 µg/kg	Liver	are produced for human
	cquidac	50 µg/kg	Kidney	consumption
		50 µg/kg	Milk	
	Equidae	100 µg/kg	Muscle	
		100 µg/kg	Fat	
		100 µg/kg	Liver	
		100 µg/kg	Kidney]	

a [^{F2}For porcine and poultry species this MRL relates to 'skin and fat in natural proportions'.

b For fin fish this MRL relates to 'muscle and skin in natural proportions'.]

Textual Amendments

- F2 Inserted by Commission Regulation (EC) No 1181/2002 of 1 July 2002 amending Annex I 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 (Text with EEA relevance).
- **F3** Substituted by Commission Regulation (EC) No 1181/2002 of 1 July 2002 amending Annex I 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 (Text with EEA relevance).

1.2. Antibiotics

1.2.1. Penicillins

Pharmacolog active substance(s)	ic Ml yrker 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	
Benzylpenicill	iıBenzylpenicilli	nAll 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	
[^{F5} Nafcillin	Nafcillin	All	300 µg/kg	Muscle	
		ruminants ^a	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	Benzylpenicilli	Bovine	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	
			4 µg/kg	Milk	
[^{F6}		Porcine	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney]
[^{F7} Phenoxyme	th Rhseoxyma thy	l Penici ile in	25 µg/kg	Muscle	
			25 µg/kg	Liver	
			25 μg/kg	Kidney]

Textual Amendments

- F4 Inserted by Commission Regulation (EC) No 546/2004 of 24 March 2004 amending Annexes I, II and III 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).
- **F5** Substituted by Commission Regulation (EC) No 546/2004 of 24 March 2004 amending Annexes I, II and III 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).
- **F6** Inserted by Commission Regulation (EC) No 2757/1999 of 22 December 1999 amending Annexes I and II 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 (Text with EEA relevance).
- **F7** Inserted by Commission Regulation (EC) No 1286/2000 of 19 June 2000 amending Annexes I, II and III 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 (Text with EEA relevance).

1.2.2. Cephalosporins

Pharmacolog	ic Mly rker	Animal	MRLs	Target	Other
active	residue	species		tissues	provisions
substance(s)					

[^{F8} Cefacetrile	Cefacetrile	Bovine	125 μg/kg	Milk	For intramammary use only]
[^{F9} Cefalexin	Cefalexin	Bovine	200 µg/kg	Muscle	
			200 µg/kg	Fat	
			200 µg/kg	Liver	
			1 000 µg/kg	Kidney	
			100 µg/kg	Milk]
[^{F10} Cefalonium	Cefalonium	Bovine	20 µg/kg	Milk]
[^{F11} Cefapirin	Sum of	Bovine	50 µg/kg	Muscle	
	cephapirin and		50 µg/kg	Fat	
	desacetylcepha	pirin	100 µg/kg	Kidney	
			60 µg/kg	Milk]
Cefazolin	Cefazolin	Bovine, ovine, caprine	50 μg/kg	Milk	
[^{F12} Cefoperazor	neefoperazone	Bovine	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	
[^{F13}		Porcine	50 µg/kg	Muscle	
			50 µg/kg	Skin + fat	
			100 µg/kg	Liver	
			200 µg/kg	Kidney]
[^{F14}		Equidae	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			100 µg/kg	Liver	
			200 µg/kg	Kidney]
[^{F15} Ceftiofur	Sum of all	Bovine	1 000 µg/kg	Muscle	
	residues retaining the		2 000 µg/kg	Fat	
	betalactam		2 000 µg/kg	Liver	
	structure expressed as		6 000 µg/kg	Kidney	
	desfuroylceftio	fur	100 µg/kg	[^{F16} Milk]	
		Porcine	1 000 µg/kg	Muscle	

2 000 µg/kg	Fat	
2 000 µg/kg	Liver	
6 000 μg/kg	Kidney]

Textual Amendments F8 Inserted by Commission Regulation (EC) No 2162/2001 of 7 November 2001 amending Annexes I, II and III 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). F9 Inserted by Commission Regulation (EC) No 2728/1999 of 20 December 1999 amending Annexes I, II and III 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). Inserted by Commission Regulation (EC) No 61/2003 of 15 January 2003 amending Annexes I and II F10 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). F11 Inserted by Commission Regulation (EC) No 1553/2001 of 30 July 2001 amending Annex I 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). F12 Inserted by Commission Regulation (EC) No 807/2001 of 25 April 2001 amending Annexes I, II and III 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). Inserted by Commission Regulation (EC) No 1931/1999 of 9 September 1999 amending Annexes I, F13 II and III 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 (Text with EEA relevance). F14 Inserted by Commission Regulation (EC) No 2145/2003 of 8 December 2003 amending Annex I 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). F15 Inserted by Commission Regulation (EC) No 804/1999 of 16 April 1999 amending Annexes I, II and

- Inserted by Commission Regulation (EC) No 804/1999 of 16 April 1999 amending Annexes 1, 11 and III 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).
- F16 Substituted by Commission Regulation (EC) No 1752/2002 of 1 October 2002 amending Annexes I and II 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).

1.2.3. Quinolones

ac	harmacolog ctive ıbstance(s)	ic Ma yrker residue	Animal species	MRLs	Target tissues	Other provisions				
a	[^{F2} For fin fish t	[^{F2} For fin fish this MRL relates to 'muscle and skin in natural proportions'.								
h	For porcine spe	ecies this MRL relate	s to 'skin and fat in r	atural proportions'	1					

[^{F3} Danofloxaci	nDanofloxacin	[^{X1} All food	100 µg/kg	Muscle ^b	
		producing species	50 µg/kg	Fat ^a	
		except	200 µg/kg	Liver	
		bovine, ovine, caprine, porcine and poultry]	200 µg/kg	Kidney	
		Bovine,	200 µg/kg	Muscle	
		ovine, caprine	100 µg/kg	Fat	
			400 µg/kg	Liver	
		4	400 µg/kg	Kidney	
			30 µg/kg	Milk	
		Poultry	200 µg/kg	Muscle	Not for use in
			100 µg/kg	Skin and fat	animals from which eggs
			400 µg/kg	Liver	are produced
			400 µg/kg	Kidney	for human consumption
Difloxacin	Difloxacin	All food producing species except	300 µg/kg	Muscle ^b	
			100 µg/kg	Fat	
			800 µg/kg	Liver	
		bovine, ovine, caprine and poultry	600 μg/kg	Kidney	
		Bovine,	400 µg/kg	Muscle	Not for use in
		ovine, caprine	100 µg/kg	Fat	animals from which milk
			1 400 µg/kg	Liver	is produced
			800 µg/kg	Kidney	for human consumption
		Porcine	400 µg/kg	Muscle	
			100 µg/kg	Skin and fat	
			800 µg/kg	Liver	
			800 µg/kg	Kidney	
		Poultry	300 µg/kg	Muscle	Not for use in
			400 µg/kg	Skin and fat	animals from which eggs
			1 900 µg/kg	Liver	are produced
			600 µg/kg	Kidney	for human consumption
a [^{F2} For fin fish	this MRL relates to 'n	nuscle and skin in natu	ural proportions'.		

b For porcine species this MRL relates to 'skin and fat in natural proportions'.]

Enrofloxacin	Sum of enrofloxacin	All food producing	100 µg/kg	Muscle ^b	
	and	species	100 µg/kg	Fat	
	ciprofloxacin	except	200 µg/kg	Liver	
		bovine, ovine, caprine, porcine, rabbits and poultry	200 μg/kg	Kidney	
		Bovine,	100 µg/kg	Muscle	
		ovine, caprine	100 µg/kg	Fat	
			300 µg/kg	Liver	
			200 µg/kg	Kidney	
			100 µg/kg	Milk	
		Porcine,	100 µg/kg	Muscle	
		rabbits	100 µg/kg	Fat ^a	
			200 µg/kg	Liver	
			300 µg/kg	Kidney	
		Poultry	100 µg/kg	Muscle	Not for use ir animals from which eggs are produced for human consumption
			100 µg/kg	Skin and fat	
			200 µg/kg	Liver	
			300 µg/kg	Kidney	
Flumequine	Flumequine	All food	200 µg/kg	Muscle	
		producing species	250 µg/kg	Fat	
		except	500 µg/kg	Liver	
		bovine, ovine, caprine, porcine, poultry and fin fish	1 000 μg/kg	Kidney	
		Bovine,	200 µg/kg	Muscle	
		porcine, ovine, caprine	300 µg/kg	Fat ^a	
			500 µg/kg	Liver	
			1 500 µg/kg	Kidney	
			50 µg/kg	Milk	
		Poultry	400 µg/kg	Muscle	Not for use in
			250 µg/kg	Skin and fat	animals from

			800 µg/kg	Liver	which eggs are produced
			1 000 µg/kg	Kidney	for human consumption
		Fin fish	600 μg/kg	Muscle and skin in natural proportion]
[^{F17} Marbofloxa	_c Marbofloxacin	Bovine	150 µg/kg	Muscle	
			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
[^{F18} Oxolinic	Oxolinic acid	Porcine	100 µg/kg	Muscle	
acid			50 µg/kg	Skin and fat	
			150 µg/kg	Liver	
			150 µg/kg	Kidney	
		Chicken	100 µg/kg	Muscle	Not for use in animals from which eggs are produced
			50 µg/kg	Skin and fat	
			150 µg/kg	Liver	
			150 µg/kg	Kidney	for human consumption
		Fin fish	100 µg/kg	Muscle and skin in natural proportions]
Sarafloxacin	Sarafloxacin	Chicken	10 µg/kg	Skin and fat	
			100 µg/kg	Liver	
		Salmonidae	30 µg/kg	Muscle and skin in natural proportions	

Editorial Information

X1 Substituted by Corrigendum to Commission Regulation (EC) No 1181/2002 of 1 July 2002 amending Annex I 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 172 of 2 July 2002).

Textual Amendments

- **F17** Inserted by Commission Regulation (EC) No 2338/2000 of 20 October 2000 amending Annexes I, II and III 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).
- **F18** Inserted by Commission Regulation (EC) No 739/2003 of 28 April 2003 amending Annex I 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).

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
[^{F20} Acetylisova	1 Styfty 96sin	Porcine	50 µg/kg	Muscle	
	acetyl- isovaleryltylos	in	50 µg/kg	Skin and fat	
	and 3-O-		50 µg/kg	Liver	
	acetyltylosin		50 µg/kg	Kidney]
[^{F3} Erythromyci	nErythromicyin	All food	200 µg/kg	Muscle ^a	
	A	producing species	200 µg/kg	Fat ^b	
			200 µg/kg	Liver	
			200 µg/kg	Kidney	
			40 µg/kg	Milk	
			150 µg/kg	Eggs]
Spiramycin	Sum of spiramycin and neospiramycin	Bovine	200 µg/kg	Muscle	
			300 µg/kg	Fat	
			300 µg/kg	Liver	
			300 µg/kg	Kidney	

1.2.4. Macrolides

a [^{F2}For fin fish this MRL relates to a 'muscle and skin in natural proportions'.

b For procine species this MRL relates to 'skin and fat in natural proportions'.

c For porcine and poultry species this MRL relates to 'skin and fat in natural proportions'.

d [^{F19}[^{X2}Not for use in animals from which milk is produced for human consumption.]]]

			200 µg/kg	Milk	
		Chicken	200 µg/kg	Muscle	
			300 μg/kg	Skin and fat	
			400 μg/kg	Liver	
[^{F21}	Spiramycin 1	Porcine	250 µg/kg	Muscle	
			2 000 µg/kg	Liver	
			1 000 µg/kg	Kidney]
[^{F3} Tilmicosin	Tilmicosin	All food	50 µg/kg	Muscle ^a	
		producing species	50 µg/kg	Fat ^b	
		except	1 000 µg/kg	Liver	
		poultry	1 000 µg/kg	Kidney	
			50 µg/kg	Milk	
		Poultry	75 μg/kg	Muscle	Not for use in
			75 µg/kg	Sin and fat	animals from
			1 000 µg/kg	Liver	are produced
			250 µg/kg	Kidney	for human consumptior
[^{F19} [^{X2} Tulathro	mQRn3S,4R,5R,	8 Bol@Re 11R,12	\$100 µg/kg	Fat	
	13S,14R)-2- ethyl-3,4,10,13		3 000 µg/kg	Liver	
	tetrahydroxy-3	,5,8,10,12,14-	3 000 µg/kg	Kidney	
	hexamethyl-11 [[3,4,6-	Porcine	100 µg/kg	Skin + fat	
	trideoxy-3-		3 000 µg/kg	Liver	
	(dimethylamin B-D-xylo- hexopy- ranosyl]oxy]-1 oxa-6- azacyclopent- decan-15-one expressed as tulathromycin equivalents		3 000 µg/kg	Kidney]]
Tylosin	Tylosin A	All food	100 µg/kg	Fat °	
		producing species	100 µg/kg	Muscle ^a	
		1	100 µg/kg	Liver	
a [^{F2} For fin fish	this MRL relates to a	muscle and skin in n	atural proportions'.	· · · · · · · · · · · · · · · · · · ·	
b For procine sp	pecies this MRL relates	s to 'skin and fat in na	tural proportions'.		
c For porcine ar	nd poultry species this	MRL relates to 'skin	and fat in natural pro	oportions'.	

100 µg/kg	Kidney	
50 µg/kg	Milk	
200 µg/kg	Eggs]

- **a** [^{F2}For fin fish this MRL relates to a 'muscle and skin in natural proportions'.
- **b** For procine species this MRL relates to 'skin and fat in natural proportions'.
- c For porcine and poultry species this MRL relates to 'skin and fat in natural proportions'.
- **d** [^{F19}[^{X2}Not for use in animals from which milk is produced for human consumption.]]]

Editorial Information

X2 Substituted by Corrigendum to Commission Regulation (EC) No 1101/2004 of 10 June 2004 amending Annexes I and II 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 (Official Journal of the European Union L 211 of 12 June 2004).

Textual Amendments

- **F19** Inserted by Commission Regulation (EC) No 1101/2004 of 10 June 2004 amending Annexes I and II 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).
- **F20** Inserted by Commission Regulation (EC) No 77/2002 of 17 January 2002 amending Annexes I and III 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).
- **F21** Inserted by Commission Regulation (EC) No 2593/1999 of 8 December 1999 amending Annexes I, II and III 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 (Text with EEA relevance).

1.2.5. Florfenicol and related compounds

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
[^{F3} Florfenicol	Sum of	All food	100 µg/kg	Muscle	
	florfenicol and its	producing species	200 µg/kg	Fat	
	metabolites	except bovine, ovine, caprine, porcine, poultry and fin fish	2 000 µg/kg	Liver	
	measured as florfenicol- amine		caprine, porcine, poultry and	300 µg/kg	Kidney
		Bovine,	200 µg/kg	Muscle	Not for use in
	ovine, caprine	[^{x3} 3 000 μg/ kg]	[^{x3} Liver]	animals from which milk is produced	
			300 µg/kg	Kidney	

					for human consumption
		Porcine	300 µg/kg	Muscle	
			500 µg/kg	Skin and fat	
			2 000 µg/kg	Liver	
			500 µg/kg	Kidney	
		Poultry	100 µg/kg	Muscle	Not for use in
			200 µg/kg	Skin and fat	animals from which eggs
			2 500 µg/kg	Liver	are produced
			750 µg/kg	Kidney	for human consumption
		Fin fish	1 000 μg/kg	Muscle and skin in natural proportions	1
Thiamphenicol	Thiamphenicol	Bovine	50 µg/kg	Muscle	
			50 µg/kg	Fat	
			50 µg/kg	Liver	
			50 µg/kg	Kidney	
			50 μg/kg	Milk	
		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	

Editorial Information

X3 Substituted by Corrigendum to Commission Regulation (EC) No 1181/2002 of 1 July 2002 amending Annex I 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 172 of 2 July 2002).

1.2.6. Tetracyclines

Pharmacolog	ic Mly rker	Animal	MRLs	Target	Other
active	residue	species		tissues	provisions
substance(s)					

Chlortetracycli	nseum 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
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
Oxytetracyclin	eSum 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	

1.2.7. Naphtalene-ringed ansamycin

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Rifaximin	Rifaximin	Bovine	60 µg/kg	Milk	

1.2.8. Pleuromutilines

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
[^{F9} Tiamulin	Sum of	Porcine	100 µg/kg	Muscle	
	metabolites that may be		500 µg/kg	Liver	
	hydrolysed	Chicken	100 µg/kg	Muscle	
	to 8-a- hydroxymutilir	1	100 µg/kg	Skin and fat	
	5 5		1 000 µg/kg	Liver	
		[^{F17} Rabbits	100 µg/kg	Muscle	
			500 µg/kg	Liver]
		[^{F12} Turkey	100 µg/kg	Muscle	
			100 µg/kg	Skin and fat	
			300 µg/kg	Liver]
	Tiamulin		1 000 µg/kg	Eggs]
Valnemulin	Valnemulin	Porcine	50 µg/kg	Muscle	
			500 µg/kg	Liver	
			100 µg/kg	Kidney	

[^{F15}1.2.9. Lincosamides

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions			
[^{F3} Lincomycin	Lincomicyn	All food producing	50 μg/kg 100 μg/kg	Fat ^a Muscle ^b				
a [^{F2} For porcine and poultry species this MRL relates to 'skin and fat in natural proportions'. Muscle ''								
b For fin fish this	b For fin fish this MRL relates to 'muscle and skin in natural proportions'.]]							

			500 µg/kg	Liver	
			1 500 µg/kg	Kidney	
			150 μg/kg	Milk	
			50 μg/kg	Eggs]
[^{F17} Pirlimycin	Pirlimycin	Bovine	100 µg/kg	Muscle	
			100 µg/kg	Fat	
			1 000 µg/kg	Liver	
			400 µg/kg	Kidney	
			100 µg/kg	Milk	
		Porcine	100 µg/kg	Muscle	
			50 μg/kg	Skin and fat	
			500 µg/kg	Liver	
			1 500 μg/kg	Kidney	
		Chicken	100 µg/kg	Muscle	
			50 μg/kg	Skin and fat	
			500 μg/kg	Liver	
			1 500 μg/kg	Kidney	
			50 μg/kg	Eggs]

b For fin fish this MRL relates to 'muscle and skin in natural proportions'.]]

[^{F13}1.2.10,Aminoglycosides

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Apramycin	Apramycin	Bovine	1 000 µg/kg	Muscle	Not for use in
			1 000 µg/kg	Fat	animals from which milk
			10 000 µg/kg	Liver	is produced
			20 000 µg/kg	Kidney	for human consumption
[^{F23} Dihydrostre	phihydrostrepto	or Byxim e, ovine	500 µg/kg	Muscle	
			500 µg/kg	Fat	
			500 µg/kg	Liver	
a [^{F2} For porcine	and poultry species th	is MRL relates to 'sk	in and fat in natural p	roportions'.	·
b For fin fish this	s MRL relates to 'mus	scle and skin in natura	al proportions'.		
c [^{F22} Not for use	in animals from whic	h eggs are produced f	or human consumption	on.]]]	

			1 000 µg/kg	Kidney	
			200 µg/kg	Milk	
		Porcine	500 µg/kg	Muscle	
			500 µg/kg	Skin and fat	
			500 µg/kg	Liver	
			1 000 µg/kg	Kidney]
F24Gentamicin		Bovine	50 µg/kg	Muscle	
	gentamicin C1,		50 µg/kg	Fat	
	gentamicin		200 µg/kg	Liver	
	C1a, gentamicin		750 µg/kg	Kidney	
	C2 and		100 µg/kg	Milk	
	gentamicin C2a	Porcine	50 µg/kg	Muscle	
			50 µg/kg	Skin and fat	
			200 µg/kg	Liver	
			750 µg/kg	Kidney]
F22Kanamycin	Kanamycin A	All food producing species except fish ^e	100 µg/kg	Muscle	
			100 µg/kg	Fat ^a	
			600 µg/kg	Liver	
			2 500 µg/kg	Kidney	
			150 µg/kg	Milk]
^{F2} Neomycin	Neomycin B	All food	500 µg/kg	Fat *	
(including framycetin)		producing species	500 µg/kg	Muscle ^b	
iruiny couit)		1	500 µg/kg	Liver	
			5 000 µg/kg	Kidney	
			1 500 µg/kg	Milk	
			500 µg/kg	Eggs	1
^{F3} Paromomyci	_I Paromomycin	All food	500 μg/kg	Muscle ^b	Not for use
		producing species	1 500 µg/kg	Liver	in animals from which milk or eggs are produced for human consumption
		species	1 500 μg/kg	Kidney	

b For fin fish this MRL relates to 'muscle and skin in natural proportions'.

c [^{F22}Not for use in animals from which eggs are produced for human consumption.]]]

Spectinomycin	1 2		500 µg/kg	Fat ^a	Not for use in
		producing species	300 µg/kg	Muscle ^b	animals from which eggs
		except ovine	1 000 µg/kg	Liver	are produced for human
			5 000 µg/kg	Kidney	consumption
			200 µg/kg	Milk	
		Ovine	300 µg/kg	Muscle	
			500 µg/kg	Fat	_
			2 000 µg/kg	Liver	
			5 000 µg/kg	Kidney	
			200 µg/kg	Milk]	
[^{F23} Streptomyci	_I \$treptomycin	Bovine, ovine	500 μg/kg	Muscle	
			500 µg/kg	Fat	
			500 µg/kg	Liver	
			1 000 µg/kg	Kidney	
			200 µg/kg	Milk	
		Porcine	500 μg/kg	Muscle	
			500 µg/kg	Skin and fat	
			500 µg/kg	Liver	
			1 000 µg/kg	Kidney]

a [^{F2}For porcine and poultry species this MRL relates to 'skin and fat in natural proportions'.

b For fin fish this MRL relates to 'muscle and skin in natural proportions'.

c [^{F22}Not for use in animals from which eggs are produced for human consumption.]]]

Textual Amendments

- **F22** Inserted by Commission Regulation (EC) No 324/2004 of 25 February 2004 amending Annex I 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).
- **F23** Inserted by Commission Regulation (EC) No 1530/2002 of 27 August 2002 amending Annexes I, II and III 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).
- **F24** Inserted by Commission Regulation (EC) No 868/2002 of 24 May 2002 amending Annexes I and II 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 (Text with EEA relevance).

[^{F21}1.2.11 Other antibiotics

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Novobiocin	Novobiocin	Bovine	50 µg/kg	Milk]

[^{F25}1.2.12Polypeptides

Pharmacolog active substance(s)	ic Ml yrker residue	Animal species	MRLs	Target tissues	Other provisions
Bacitracin	Sum of bacitracin A, bacitracin B, and bacitracin C	Bovine	100 μg/kg	Milk	
[^{F26}		Rabbits	150 µg/kg	Muscle	
			150 µg/kg	Fat	
			150 µg/kg	Liver	
			150 µg/kg	Kidney]]

Textual Amendments

F26 Inserted by Commission Regulation (EC) No 544/2003 of 27 March 2003 amending Annexes I and II 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).

Textual Amendments

F25 Inserted by Commission Regulation (EC) No 1478/2001 of 18 July 2001 amending Annexes I, II and III 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 (Text with EEA relevance).

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Clavulanic	Clavulanic	Bovine	100 µg/kg	Muscle	
acid	acid		100 µg/kg	Fat	
			200 µg/kg	Liver	
			400 µg/kg	Kidney	
			200 µg/kg	Milk	

Porcine	Porcine	100 µg/kg	Muscle	
		100 µg/kg	Skin and fat	
		200 µg/kg	Liver	
		400 µg/kg	Kidney]

[F21.2.14.Polymyxins

Pharmacolog active substance	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Colistin	Colistin	All food	150 µg/kg	Fat ^a	
		producing species	150 µg/kg	Muscle ^b	
			150 µg/kg	Liver	
			200 µg/kg	Kidney	
			50 µg/kg	Milk	
			300 µg/kg	Eggs	
a For porcine and	d poultry species th	is MRL relates to 'ski	n and fat in natural p	roportions'.	I
b For fin fish this	s MRL relates to 'r	nuscle and skin in natu	ral proportions'.]		

2. Antiparasitic agents

- 2.1. Agents acting against endoparasites
- 2.1.1. Salicylanilides

Pharmacolog active substance(s)	ic Mly rker 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	
[^{F25} Rafoxanide	Rafoxanide	Bovine	30 µg/kg	Muscle	Not for use in
			30 µg/kg	Fat	animals from which milk
			10 µg/kg	Liver	is produced

		40 µg/kg	Kidney	for human consumption
	Ovine	100 µg/kg	Muscle	consumption
		250 µg/kg	Fat	
		150 µg/kg	Liver	
		150 µg/kg	Kidney]	

2.1.2. Tatra-hydro-imidazoles (imidazolthiazoles)

Pharmacolog active substance(s)	ic Mly rker 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

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
[^{F27} Albendazol		All ruminants	100 µg/kg	Muscle	
	albendazole sulphoxide,		100 µg/kg	Fat	
	albendazole		1 000 µg/kg	Liver	
	sulphone, and albendazole		500 µg/kg	Kidney	
	2-amino sulphone, expressed as albendazole		100 μg/kg	Milk]	
[F28Albendazol	eSum of albendazole oxide,	Bovine, ovine	100 µg/kg	Muscle	
oxide			100 µg/kg	Fat	
	albendazole		1 000 µg/kg	Liver	
	sulphone and albendazole		500 µg/kg	Kidney	
	2- aminosulphone expressed as albendazole	e,	100 μg/kg	Milk]

F275 1 1	Sum of	All ruminants	50	Muscle	
[^{F27} Febantel	extractable	All fullimants	50 μg/kg		-
	residues which may be		50 μg/kg 500 μg/kg	Fat Liver	-
	oxidised to				-
	oxfendazole sulphone		50 μg/kg	Kidney	-
	-		10 µg/kg	Milk	
Fenbendazole	Sum of extractable	All ruminants	50 µg/kg	Muscle	_
	residues		50 µg/kg	Fat	-
	which may be oxidised to		500 µg/kg	Liver	-
	oxfendazole		50 µg/kg	Kidney	
	sulphone		10 µg/kg	Milk]	
Flubendazole	Sum of flubendazole and (2- amino 1H- benzimidazol-5 yl) (4fluorophenyl methanone		50 μg/kg	Muscle	
			50 µg/kg	Skin and fat	
			400 µg/kg	Liver	
			300 µg/kg	Kidney	
[^{F29}		Turkey	50 µg/kg	Muscle	
			50 µg/kg	Skin and fat	
			400 µg/kg	Liver	
			300 µg/kg	Kidney]
	Flubendazole	Chicken	400 µg/kg	Eggs	
[^{F30} Mebendazo	Sum of	Ovine,	60 µg/kg	Muscle	Not for use in
	mebendazole methyl (5-	caprine, equidae	60 µg/kg	Fat	animals from which milk
	(1-hydroxy,	equidue	400 µg/kg	Liver	is produced
	1-phenyl) methyl-1H-		60 µg/kg	Kidney]	for human consumption
	methyl-1H- benzimidazol-2 yl) carbamate and (2- amino-1H- benzimidazol-2 yl) phenylmethano expressed as mebendazole equivalents	5-			consumption

[^{F12} Netobimin	Sum of	[^{x4} Bovine,	100 µg/kg	Muscle	For oral use
	albendazole oxide,	ovine]	100 µg/kg	Fat	only
	albendazole		1 000 µg/kg	Liver	
	sulphone and albendazole		500 µg/kg	Kidney	
	2- aminosulphone expressed as albendazole	2	100 μg/kg	Milk]	-
[^{F27} Oxfendazol	eSum of	All ruminants	50 µg/kg	Muscle	
	extractable residues		50 µg/kg	Fat	
	which may be		500 µg/kg	Liver	-
	oxidised to oxfendazole		50 μg/kg	Kidney	-
	sulphone		10 µg/kg	Milk]	_
Oxibendazole	Oxibendazole	Porcine	100 µg/kg	Muscle	
			500 µg/kg	Skin and fat	
			200 µg/kg	Liver	
			100 µg/kg	Kidney	
[^{F27} Thiabendaz	Sum of thiabendazole and 5-	Caprine	100 µg/kg	Muscle	
			100 µg/kg	Fat	
	hydroxythiaber	ndazole	100 µg/kg	Liver	-
			100 µg/kg	Kidney	
			100 µg/kg	Milk]	_
Triclabendazol	eSum of extractable residues that may be oxidised to ketotriclabenda	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	

Editorial Information

X4 Substituted by Corrigendum to Commission Regulation (EC) No 807/2001 of 25 April 2001 amending Annexes I, II and III 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 (Official Journal of the European Communities L 118 of 27 April 2001).

Textual Amendments

- **F27** Substituted by Commission Regulation (EC) No 1646/2004 of 20 September 2004 amending Annex I 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).
- **F28** Inserted by Commission Regulation (EC) No 2393/1999 of 11 November 1999 amending Annexes I, II and III 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 (Text with EEA relevance).
- **F29** Inserted by Commission Regulation (EC) No 2385/1999 of 10 November 1999 amending Annexes I, II and III 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 (Text with EEA relevance).
- **F30** Inserted by Commission Regulation (EC) No 1680/2001 of 22 August 2001 amending Annexes I and II 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).

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Nitroxinil	Nitroxinil	Bovine, ovine	400 µg/kg	Muscle	
			200 µg/kg	Fat	
			20 µg/kg	Liver	
			400 µg/kg	Kidney	
[^{F27} Oxyclozani	dQxyclozanide	All ruminants	20 µg/kg	Muscle	
			20 µg/kg	Fat	
			500 µg/kg	Liver	
			100 µg/kg	Kidney	
			10 µg/kg	Milk]]	

[^{F31}2.1.4. Phenol derivatives including salicylanides

Textual Amendments

F31 Inserted by Commission Regulation (EC) No 997/1999 of 11 May 1999 amending Annexes I, II and III 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 (Text with EEA relevance).

[^{F32}2.1.5. Benzenesulphonamides

Pharmacolog	ic Mly rker	Animal	MRLs	Target	Other
active	residue	species		tissues	provisions
substance(s)					_

Clorsulon	Clorsulon	Bovine	35 µg/kg	Muscle	
			100 µg/kg	Liver	
			200 µg/kg	Kidney]

Textu	al Amendments
F32	Inserted by Commission Regulation (EC) No 1942/1999 of 10 September 1999 amending Annexes I, II and III 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 (Text with EEA relevance).

[^{F24}2.1.6. Piperazine derivatives

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Piperazine	Piperazine	Porcine	400 µg/kg	Muscle	
			800 µg/kg	Skind and fat	
			2 000 µg/kg	Liver	
			1 000 µg/kg	Kidney	
		Chicken	2 000 µg/kg	Eggs]

[^{F33}2.1.7. Tetrahydropyrimides

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Morantel	Sum of	ne	100 µg/kg	Muscle	
	residues which may be hydrolysed to N- methyl-1,3-		100 µg/kg	Fat	
			800 µg/kg	Liver	
			200 µg/kg	Kidney	
	propanediamin and expressed as morantel equivalents		50 μg/kg	Milk]

Textual Amendments

F33 Inserted by Commission Regulation (EC) No 1851/2004 of 25 October 2004 amending Annex I to Council Regulation (EEC) No 2377/90 laying down a Community procedure for the establishment of maximum residue limits for veterinary medicinal products in foodstuffs of animal origin (Text with EEA relevance).

2.2. Agents acting against ectoparasites

2.2.1. Organophosphates

Pharmacolog active substance(s)	ic Ml yrker residue	Animal species	MRLs	Target tissues	Other provisions
[F25Coumafos	Coumafos	Bees	100 µg/kg	Honey]
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	
[^{F12} Phoxim	Phoxim	Ovine	50 µg/kg	Muscle	Not for use in
			400 µg/kg	Fat	animals from which milk
			50 µg/kg	Kidney	is produced
		Porcine	20 µg/kg	Muscle	for human consumption
			700 µg/kg	Skin and fat	
			20 µg/kg	Liver	
			20 µg/kg	Kidney]	

2.2.2. Formamidines

Pharmacolog active substance(s)	ic Mly rker 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	
			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	
[^{F28}	Bees (honey)	200 µg/kg	Honey]
[^{F34}	Caprine	200 µg/kg	Fat	
		100 µg/kg	Liver	
		200 µg/kg	Kidney	
		10 µg/kg	Milk]

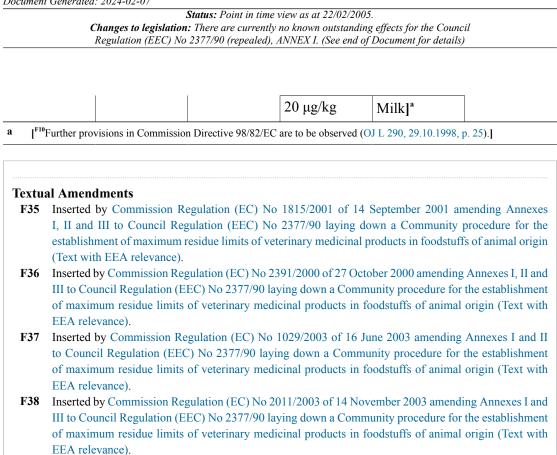
Textual Amendments

F34 Inserted by Commission Regulation (EC) No 1646/2004 of 20 September 2004 amending Annex I 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).

2.2.3. Pyrethroids

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
[^{F12} [X4Cyhaloth		Bovine	500 µg/kg	Fat	Further
	(sum of isomers)		50 µg/kg	Kidney	provisions in Council
			50 µg/kg	Milk	Directive
Cyfluthrin	Cyfluthrin	Bovine	10 µg/kg	Muscle	= 94/29/EC are to be
	(sum of isomers)		50 µg/kg	Fat	observed
			10 µg/kg	Liver	
			10 µg/kg	Kidney	
			20 µg/kg	Milk]]	
[^{F35} [^{F27} Deltame	Deltamethrin	All ruminants	10 µg/kg	Muscle	
			50 µg/kg	Fat	
			10 µg/kg	Liver	
			10 µg/kg	Kidney	
			20 µg/kg	Milk]	

		[^{F8} Fin fish	10 μg/kg	Muscle and skin in natural proportions]]	
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	
[^{F36}		Ovine	10 μg/kg	Muscle	Not for use in animals from which milk is produced for human consumption
			150 µg/kg	Fat	
			20 µg/kg	Liver	
			10 µg/kg	Kidney]
[^{F10} Permethrin	Permethrin Bovine	50 µg/kg	Muscle		
	(sum of isomers)		500 µg/kg	Fat	
	100111010)		50 µg/kg	Liver	
			50 µg/kg	Kidney	
			50 µg/kg	Milk ^a]
[^{F37} Cypermethi	i⊊ypermethrin (sum of isomers)	Salmonidae	50 µg/kg	Muscle and skin in natural proportions	1
		[^{F27} All	20 µg/kg	Muscle	
		ruminants	200 µg/kg	Fat	
			20 µg/kg	Liver	
			20 µg/kg	Kidney	
			20 µg/kg	Milk ^a]
[^{F38} Alphacyper	n Cetpermethrin	Bovine, ovine	20 µg/kg	Muscle	
	(sum of isomers)		200 µg/kg	Fat	
			20 µg/kg	Liver	
		20 µg/kg	Kidney	1	



[^{F13}2.2.4. Acyl urea derivatives

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
[^{F21} Diflubenzur	Aiflubenzuron	Salmonidae	1 000 µg/kg	Muscle and skin in natural proportions]
Teflubenzuron	Teflubenzuron	Salmonidae	500 μg/kg	Muscle and skin in natural proportions]

[^{F39}2.2.5. Pyrimidines derivatives

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Dicyclanil	Sum of	Ovine	200 µg/kg	Muscle	Not for use in
	dicyclanil and 2, 4, 6-		[^{F40} 150 µg/kg]	Fat	animals from which milk
1	triamino- pyrimidine-5-		400 µg/kg	Liver	is produced for human
	carbonitrile		400 µg/kg	Kidney]	consumption

Textual Amendments

F40 Substituted by Commission Regulation (EC) No 2391/2000 of 27 October 2000 amending Annexes I, II and III 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).

Textual Amendments

F39 Inserted by Commission Regulation (EC) No 1960/2000 of 15 September 2000 amending Annexes I and III 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).

[^{F25}2.2.6. Triazine derivatives

Pharmacolog active substance(s)	ic Mky rker residue	Animal species	MRLs	Target tissues	Other provisions
Cyromazine Cyron	Cyromazine	Cyromazine Ovine	300 µg/kg	Muscle	Not for use in
			300 µg/kg	Fat	animals from which milk
			300 µg/kg	Liver	is produced
		300 µg/kg	Kidney]	for human consumption	

2.3. Agents acting against endo- and ectoparasites

2.3.1. Avermectins

Phramacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Abamectin	Avermectin B1a	Bovine	10 µg/kg	Fat	
			20 µg/kg	Liver	
[^{F24}		Ovine	20 µg/kg	Muscle	Not for use in animals from which milk is produced for human consumption
			50 µg/kg	Fat	
			25 µg/kg	Liver	
			20 µg/kg	Kidney]

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	
		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	
[^{F25}		Deer, including reindeer	20 µg/kg	Muscle	
			100 µg/kg	Fat	
			50 μg/kg	Liver	
			30 µg/kg	Kidney]
[^{F41} Emamectin	Emamectin B1a	Fin fish	100 µg/kg	Muscle and skin in natural proportions]
Eprinomectin	Eprinomectin B1a	Bovine	[^{F42} 50 µg/kg]	Muscle	
			[^{F42} 250 µg/kg]	Fat	
			[^{F42} 1 500 µg/ kg]	Liver	
			[^{F42} 300 µg/kg]	Kidney	
			[^{F42} 20 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	
[^{F11}		Bovine	40 µg/kg	Milk]
[^{F32}		Equidae	50 µg/kg	Muscle	
			500 µg/kg	Fat	
			100 µg/kg	Liver	
			50 µg/kg	Kidney]

Textual Amendments

- **F41** Substituted by Commission Regulation (EC) No 1490/2003 of 25 August 2003 amending Annex I 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).
- **F42** Substituted by Commission Regulation (EC) No 1943/1999 of 10 September 1999 amending Annexes I, II and III 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 (Text with EEA relevance).

2.4. Agents acting against protozoa

2.4.1. Triazinetrione derivative

Pharmacolog active substance(s)	ic Mly rker 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	
[^{F43}	Porcine	100 µg/kg	Muscle	
		150 µg/kg	Skin and fat	
		500 µg/kg	Liver	
		250 µg/kg	Kidney]

Textual Amendments

F43 Inserted by Commission Regulation (EC) No 2908/2000 of 29 December 2000 amending Annexes I and II 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).

[^{F43}2.4.2. Quinazolone derivatives

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Halofuginone	Halofuginone	e Bovine	10 µg/kg	Muscle	Not for use in
			25 µg/kg	Fat	animals from which milk
			30 µg/kg	Liver	is produced
			30 µg/kg	Kidney]	for human consumption

[^{F8}2.4.3. Carbanilides

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Imidocarb	midocarb Imidocarb	Bovine	300 µg/kg	Muscle	
			50 μg/kg	Fat	
		2 000 µg/kg	Liver		
a [^{F14} Not for use	in ovine from whic	ch milk is produced f	or human consumption.]]	

	1 500 µg/kg	Kidney	
	50 µg/kg	Milk	
[^{F14} Ovine	e ^a 300 μg/kg	Muscle	
	50 µg/kg	Fat	
	2 000 µg/kg	Liver	
	1 500 μg/kg	Kidney]

a [^{F14}Not for use in ovine from which milk is produced for human consumption.]]

- 3. Agents acting on the nervous system
- 3.1. Agents acting on the central nervous system
- 3.1.1. Butyrophenone tranquillisers

Pharmacolog active substance(s)	ic Mly rker 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

Pharmacolog active substance(s)	ic Mly rker 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	
			25 µg/kg	Kidney	
[^{F6}		Bovine	5 μg/kg	Muscle	
			5 μg/kg	Fat	
			15 µg/kg	Liver	
			15 µg/kg	Kidney	
			1 μg/kg	Milk]

[^{F36}3.2.2. β2 sympathomimetic agents

Pharmacolog active substance(s)	ic Mky rker residue	Animal species	MRLs	Target tissues	Other provisions
Clenbuterol	Clenbuterol	Bovine	0,1 µg/kg	Muscle	
hydrochloride		Equidae	0,5 µg/kg	Liver	
			0,5 µg/kg	Kidney	
			0,05 µg/kg	Milk	
			0,1 μg/kg	Muscle	
			0,5 µg/kg	Liver	
			0,5 µg/kg	Kidney]

- 4. Anti-inflammatory agents
- 4.1. Nonsteroidal anti-inflammatory agents
- 4.1.1. Arylpropionic acid derivative

Pharmacolog active substance(s)	ic Mky rker residue	Animal species	MRLs	Target tissues	Other provisions
[^{F13} Carprofen	Carprofen	Bovine	500 µg/kg	Muscle	
		Not for use in animals from	1 000 µg/kg	Fat	
		which milk	1 000 µg/kg	Liver	
		is produced for human consumption Equidae	1 000 µg/kg	Kidney	
			500 μg/kg	Muscle	
			1 000 µg/kg	Fat	
			1 000 µg/kg	Liver	
			1 000 µg/kg	Kidney]
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

Pharmacolog	gic Mly rker	Animal	MRLs	Target	Other
active	residue	species		tissues	provisions
substance(s)					
[^{F9} Flunixin	Flunixin	Bovine	20 µg/kg	Muscle	
			30 µg/kg	Fat	
			300 µg/kg	Liver	
			100 µg/kg	Kidney	
	5- Hydroxyfluni	xin	40 µg/kg	Milk	
	Flunixin	Porcine	50 µg/kg	Muscle	
			10 µg/kg	Skin and fat	
			200 µg/kg	Liver	
			30 µg/kg	Kidney	
		[^{F43} Equidae	10 µg/kg	Muscle	
			20 µg/kg	Fat	
			100 µg/kg	Liver	
			200 µg/kg	Kidney]]
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	

[^{F23}4.1.3. Enolic acid derivates

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Meloxicam	Meloxicam	Equidae	20 µg/kg	Muscle	
			65 µg/kg	Liver	
			65 µg/kg	Kidney]

[^{F28}4.1.4. Oxican derivatives

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Meloxicam	Meloxicam	Bovine	[^{F44} 20 µg/kg]	Muscle	
			[^{F44} 65 µg/kg]	Liver	
			[^{F44} 65 µg/kg]	Kidney	
			[^{F9} 15 µg/kg]	[^{F9} Milk]	
		[^{F45} Porcine	20 µg/kg	Muscle	
			65 µg/kg	Liver	
			65 µg/kg	Kidney]]

Textual Amendments

- F44 Substituted by Commission Regulation (EC) No 2728/1999 of 20 December 1999 amending Annexes I, II and III 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).
- **F45** Inserted by Commission Regulation (EC) No 1274/2001 of 27 June 2001 amending Annex I 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).

[^{F38} 4.1.5. Pyrazolone derivatives	
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Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Metamizole	4-	Bovine	100 µg/kg	Muscle	
	Methylaminoa	ntipyrin	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	
		Equidae	100 µg/kg	Muscle	
			100 µg/kg	Fat	
			100 µg/kg	Liver	
			100 µg/kg	Kidney]

[^{F22}4.1.6. Phenyl acetic acid derivatives

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions
Diclofenac	Diclofenac	Bovine ^a	5 μg/kg	Muscle	
			1 μg/kg	Fat	
			5 μg/kg	Liver	
			10 µg/kg	Kidney	
		Porcine	5 μg/kg	Muscle	
			1 μg/kg	Skin + fat	
			5 μg/kg	Liver	
			10 µg/kg	Kidney	
a Not for use in	animals from which	milk is produced fo	r human consumption	L.]	

5. Corticoides

5.1. Glucocorticoides

Pharmacologic Mla yrke active residue substance(s)		MRLs	Target tissues	Other provisions
[^{F21} BetamethasoBetame	thasone Bovine	0,75 µg/kg	Muscle	
		2,0 µg/kg	Liver	
		0,75 µg/kg	Kidney	
		0,3 µg/kg	Milk	
	Porcine	0,75 µg/kg	Muscle	
		2,0 µg/kg	Liver	
		0,75 µg/kg	Kidney]
DexamethasoneDexamethason	ethasoneBovine	0,3 µg/kg	Milk	
	Bovine, porcine, equidae	0,75 µg/kg	Muscle	
		2 µg/kg	Liver	
		0,75 µg/kg	Kidney	
[^{F34}	Caprine	0,75 µg/kg	Muscle	
		2 µg/kg	Liver	
		0,75 µg/kg	Kidney	
		0,3 µg/kg	Milk]	

[^{F20} MethylprednMothylprednis	oBorreine	10 µg/kg	Muscle	Not for use in animals from which milk
		10 µg/kg	Fat	
		10 µg/kg	Liver	is produced
		10 µg/kg	Kidney]	for human consumption
[^{F46} Prednisolone ^P rednisolone	Bovine	4 μg/kg	Muscle	
		4 μg/kg	Fat	
		10 µg/kg	Liver	
		10 µg/kg	Kidney	
		6 μg/kg	Milk]

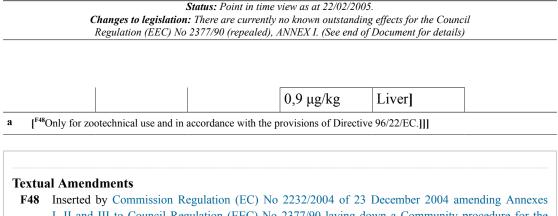
Textual Amendments

F46 Inserted by Commission Regulation (EC) No 2535/2000 of 17 November 2000 amending Annex I 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 (Text with EEA relevance).

[^{F47}6. Agents acting on the reproductive system

6.1. Progestogens

Pharmacolog active substance(s)	ic Mly rker residue	Animal species	MRLs	Target tissues	Other provisions	
Chlormadinone Chlormadinone		Bovine	4 μg/kg	Fat	For	
			2 µg/kg	Liver	zootechnical use only	
			2,5 µg/kg	Milk		
Flugestone acetate	Flugetone acetate	Ovine	1 μg/kg	Milk	For intravaginal use for zootechnical purposes only	
		[^{F18} Caprine	1 μg/kg	Milk	For intra- vaginal use for zootechnical purposes only]	
[^{F48} Altrenogest	*Altrenogest	Porcine	1 μg/kg	Skin and fat		
			0,4 µg/kg	Liver		
		Equidae	1 μg/kg	Fat		
a [^{F48} Only for zootechnical use and in accordance with the provisions of Directive 96/22/EC.]]]						



48 Inserted by Commission Regulation (EC) No 2232/2004 of 23 December 2004 amending Annexes I, II and III 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, as regards altrenogest, beclomethasone dipropionate, cloprostenol, r-cloprostenol, sorbitan sesquioleate and toltrazuril (Text with EEA relevance).

Textual Amendments

F47 Inserted by Council Regulation (EC) No 2584/2001 of 19 December 2001 amending Annexes I and III of 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).

Status:

Point in time view as at 22/02/2005.

Changes to legislation:

There are currently no known outstanding effects for the Council Regulation (EEC) No 2377/90 (repealed), ANNEX I.