

External Antiparasitics

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Alphamethrin (Alpha-Cypermethrin) and Cypermethrin

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/kg)
Cypermethrin and Alpha-Cypermethrin	Cypermethrin	Bovine	Muscle	50
			Liver	50
			Kidney	50
			Fat	1000
			Milk	100
		Sheep	Muscle	50
			Liver	50
			Kidney	50
			Fat	1000
			Milk	20
		Goat	Muscle	20
			Fat	200
			Liver	20
			Kidney	20
			Milk	20
		Salmonids	Muscle *	50

* Muscle and skin in natural proportions.

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Amitraz

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/Kg.)
Amitraz	Sum of amitraz and all metabolites containing 2,4-Dimethylaniline group, expressed as amitraz <i>This definition was taken from EMEA, verify if equals to the definition in the Codex</i> Sum of amitraz and N-(2, 4-dimethylphenyl)-N'-methylformamidine calculated as N-(2, 4-dimethylphenyl)-N'-methylformamidine.	Sheep	Muscle	100
			Kidney	200
			Liver	100
			Fat	400
		Pig	Muscle	50
			Fat and Skin	400
			Liver	200
			Kidney	200
		Bovine	Muscle	50
			Fat	200
			Liver	200
			Kidney	200
		Bee	Honey	200
		All milk-producing species	Milk	10*

MRL's apply to external treatment on animals.

* Determination limit of the analytical method or similar to it.

Carbaryl

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/kg)
Carbaryl	Carbaryl	Bovine	Kidney	3000
			Liver	1000
		Goat	Kidney	3000
			Liver	1000
		Pig	Kidney	3000
			Liver	1000
		Sheep	Kidney	3000
			Liver	1000
		All food-producing mammal animal species (excluding sea animals)	Muscle	50
		Milk-producing animals	Milk	50

Cyhalothrin

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/kg)
Cyhalothrin	Cyhalothrin (sum of all its isomers)	Bovine	Muscle	20
			Liver	20
			Kidney	20
			Fat	400
			Milk	30
		Pig	Muscle	20
			Liver	20
			Kidney	20
			Fat	400
		Sheep	Muscle	20
			Liver	50
			Kidney	20
			Fat	400

Cyfluthrin

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/kg)
Cyfluthrin	Cyfluthrin	Bovine	Muscle	20
			Fat	200
			Liver	20
			Kidney	20
			Milk (µg/l)	40
		Sheep	Muscle	10
			Fat	50
			Liver	10
			Kidney	10
			Milk	20

Cyromazine

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/kg)
Cyromazine	Cyromazine	All food-producing mammal animal species	Edible Offal	300
		All food-producing mammal animal species (excluding sea animals)	Muscle	300
		Sheep	Muscle	300
			Fat	300
			Liver	300
			Kidney	300
		Milk-producing animals	Milk	10
		Poultry	Muscle	100
			Edible Offal	200
			Egg	300

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Chlorpyrifos

Active ingredients	Marker Residue	Species	Tissue	MRL (µg/kg)
Chlorpyrifos		Bovine	Kidney	10
			Liver	10
			Muscle (Fat)*	1000
			Milk	20
		Goat	Milk	20
		Sheep	Muscle (Fat)*	1000
			Edible Offal	10
			Milk	20
		Pig	Muscle (Fat)*	20
			Edible Offal	10
		Poultry	Muscle (Fat)*	10
			Edible Offal	10
			Eggs*	10

*MRL applies to muscle fat.

Coumafos

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/kg)
Coumafos	Coumafos	Bee	Honey	100

Deltamethrin VD

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/kg)
Deltamethrin		Bovine	Kidney	30
			Muscle	10
			Fat	50
			Liver	30
		Goat	Kidney	30
			Muscle	10
			Fat	50
			Liver	30
		Pig	Kidney	30
			Liver	30
		Sheep	Kidney	30
			Muscle	10
			Fat	50
			Liver	30
		All food-producing mammal animal species (excluding sea animals)	Muscle (Fat)**	500
		All food-producing mammal animal species	Milk	50
		Poultry	Muscle (Fat)**	100
			Edible Offal	20
		Aquaculture	Muscle #	10

MRL's apply to external treatment on animals.

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**MRL / EMRL applies to Muscle Fat.

Muscle and fat in natural proportions.

Diazinon

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/kg)
Diazinon		Chicken	Egg	20
			Muscle	20
			Edible Offal	20
		Bovine	Kidney	30
			Liver	30
			Muscle (Fat)**	2000
		Goat	Kidney	30
			Liver	30
			Muscle	2000
		Pig	Kidney	30
			Liver	30
			Muscle	2000
		Sheep	Kidney	30
			Liver	30
			Muscle	2000
		All milk-producing species	Milk	20

MRL's apply to external treatment on animals.

**MRL / EMRL applies to Muscle Fat.

Dichlorvos (2, 2-dichlorovinyl dimethyl phosphate) – DDVP

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/kg)
Dichlorvos	(2,2-dichlorovinyl dimethyl phosphate)	All food-producing mammal animal species (excluding sea animals)	Edible Offal	50
		All milk producing animal species	Milk	20
		Poultry	Edible tissue	50

Fenithrothion

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/kg)
Fenithrothion	Fenithrothion	All food-producing mammal animal species	Edible Offal	50
		All food-producing mammal animal species (excluding	Muscle	50

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		sea animals)		
		All milk-producing animals	Milk	10
		Poultry	Muscle	50
			Egg	50

Fipronil

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/kg)
Fipronil	Fipronil and the sum of its sulfone metabolite (MB46136) expressed as fipronil	Bovine	Kidney	20
			Liver	100
			Muscle (Fat)*	500
			Milk	20
		Poultry	Muscle	10**
			Edible Offal	20
			Egg	20

*MRL / EMRL applies to Muscle Fat.

** Determination limit of the analytical method or similar to it.

Fluazuron

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/kg)
Fluazuron	Fluazuron	Bovine	Muscle	200
			Liver	500
			Kidney	500
			Fat	7000

Flumethrin

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/kg)
Flumethrin	Flumethrin (sum of trans-Z isomers)	Bovine	Muscle	10
			Fat	150
			Liver	20
			Kidney	10
			Milk	30
		Sheep	Muscle	10
			Fat	150
			Liver	20
			Kidney	10
		Bee	Honey	Does not require

Fluvalinate (Tau-fluvalinate)

Active ingredient	Species	Tissue	MRL (µg/kg)
Tau-fluvalinate	Bee	Honey	Does not require

Imidacloprid

Active ingredient	Marker Residue	Species	Tissue	MRL (µg /kg)
Imidacloprid	Sum of imidacloprid and its metabolites containing the 6-	All food-producing mammal animal species	Edible Offal	300
		All food-	Muscle	100

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	chloropyridine, expressed as imidacloprid.	producing mammal animal species (excluding sea animals)		
		All milk- producing animal species	Milk	100
		Poultry	Muscle	20
			Edible Offal	50
			Egg	20

Methoprene

Active ingredient	Marker Residue	Species	Tissue	MRL ($\mu\text{g/kg}$)
Methoprene		All food- producing mammal animal species	Edible Offal	20
		All food- producing mammal animal species (excluding sea animals)	Muscle (Fat)	200*
		All milk- producing animal species	Milk	100
		Poultry	Muscle	20
			Edible Offal	20
			Egg	20

*MRL / EMRL applies to Muscle Fat.

Permethrin

Active ingredient	Marker Residue	Species	Tissue	MRL ($\mu\text{g/kg}$)
Permethrin		All food- producing mammal animal species	Edible Offal	100
		All food- producing mammal animal species (excluding sea animals)	Muscle (Fat)	1000 *
		All milk- producing animal species	Milk	100*
		Poultry	Muscle	100
			Egg	100

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*MRL / EMRL applies to Muscle Fat.

Piperonyl Butoxide

Active ingredient	Marker Residue	Species	Tissue	MRL ($\mu\text{g}/\text{kg}$)
Piperonyl Butoxide	Piperonyl Butoxide	Bovine	Kidney	300
			Liver	1000
			Muscle (Fat)	5000 *
			Milk	200 *
		Goat	Kidney	200
			Liver	1000
		Pig	Kidney	200
			Liver	1000
		Sheep	Kidney	200
			Liver	1000
		All food-producing mammal animal species (excluding sea animals and bovine)	Muscle (Fat)	2000*
		All milk-producing animal species (except bovine)	Milk	50 *
		Poultry	Muscle (Fat)	7000 *
			Edible Offal	10000
			Egg	1000

*MRL / EMRL applies to Muscle Fat.

Pirimiphos-methyl

Active ingredient	Marker Residue	Species	Tissue	MRL ($\mu\text{g}/\text{kg}$)
Pirimiphos-methyl	Pirimiphos-methyl	All food-producing mammal animal species	Edible Offal	10*
		All food-producing mammal animal species (excluding sea animals)	Muscle	10*
		All milk-producing animal species	Milk	10
		Poultry	Muscle	10*
			Edible Offal	10*
			Egg	10

* Determination limit of the analytical method or similar to it.

Spinosad

Active ingredient	Marker Residue	Species	Tissue	MRL ($\mu\text{g}/\text{kg}$)
Spinosad	Sum of Spinosyn A and Spinosyn	Bovine**	Kidney	1000
			Liver	2000

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	D, expressed as Spinosad		Muscle (Fat)	3000*
			Milk	1000
			Milk (Fat)	5000
		All food-producing mammal animal species (except bovine)	Edible Offal	500
		All food-producing mammal animal species (excluding sea animals)		
			Muscle (Fat)	2000*
		Poultry	Muscle (Fat)	200*
			Egg	10

*MRL / EMRL applies to Muscle Fat.

**MRL applies to external treatment on animals.

Trichlorfon (Metrifonate)

Active ingredient	Marker Residue	Species	Tissue	MRL (µg/kg)
Trichlorfon (Metrifonate)	Trichlorfon	Bovine	Milk	50
			Muscle	200
			Fat	500
			Edible Offal	100