

# FOOD (AMENDMENT) REGULATIONS 1998

PU(A) 24/1998

**Tambahan No. 5 Perundangan (A) Kepada Warta No. 2 - 15hb Januari 1998**

**In force from: 16 January 1998**

## **PREAMBLE**

IN exercise of the powers conferred by section 34 of the Food Act 1983 (Act 281), the Minister makes the following regulations:

### **1. Citation.**

These regulations may be cited as the **Food (Amendment) Regulations 1998**.

### **2. Amendment of regulation 37.**

The Food Regulations 1985, which in these Regulations are referred to as the "principal Regulations", are amended in regulation 37 by substituting for the word "antibiotic" the word "drug" in subregulation (1).

### **3. Amendment of regulation 40.**

The principal Regulations are amended by substituting for regulation 40 the following regulation:

#### **"40. Drug residue.**

(1) In these Regulations, "drug" means any substance or mixtures used internally or externally for therapeutic, prophylactic or growth promotion purposes or for modification of physiological function or behaviour in **animals**.

(2) "Drug residue" means the parent compounds of the drug and/or their metabolites in any edible portion of the animal product, and include residues of associated impurities of the drug concerned.

(3) No person shall import, sell, expose or offer for sale or delivery, any food intended for human consumption which contains drug residues greater than the amount as set out in Table I, to the Fifteenth A Schedule.

(4) Notwithstanding subregulation (3), either Chlortetracycline or oxytetracycline may be incorporated in ice used for preserving fresh fish, and unpeeled shrimps, provided that the concentration of one of these drug shall not exceed 5 parts per million in the product.

(5) Notwithstanding subregulations (3) and (4), no person shall import, sell, expose or offer for sale or delivery, any food intended for human consumption which contains the drugs as set out in Table 11 to the Fifteenth A Schedule."

### **4. New Schedule Fifteen A.**

The principal Regulations are amended by inserting after the Fifteenth Schedule the following Schedule:

#### **"FIFTEENTH A SCHEDULE**

(Regulation 40)

## DRUG RESIDUE

### TABLE I

#### MAXIMUM PERMITTED PROPORTION OF DRUG RESIDUES IN FOOD

The food specified in column (2) of the Table below shall not contain the drug specified in column (1) thereof in proportions greater than the maximum permitted proportions specified opposite and in relation to that food in column (3) thereof.

	(1)	(2)	(3)
Substance	Drug	Food	
	Definition of residues in which MRL was set		
Albendazole	2-Aminosulfone metabolite	Muscle, fat (cattle and other species), milk (cattle)	100
		Liver, kidney (cattle and other species)	5000
Amoxicillin	Amoxicillin	Milk (cattle)	4
		Muscle, liver, kidney, fat (all food producing species)	50
Ampicillin	Ampicillin	Milk (cattle)	4
		Muscle, liver, kidney, fat (all food producing species)	50
Amprolium	1-4 amino-2-n-propyl-5-(pyrimidinylmethyl)-2-picolinium chloride hydrochloride	Muscle (chicken, turkey, pheasant and calf), liver (calf), kidney (calf)	500
		Muscle (chicken, turkey, pheasant and calf), liver (calf), kidney (calf)	500
		Liver (chicken, turkey and pheasant), kidney (chicken and turkey)	1000

		Fat (calf)	2000
		Egg (chicken and turkey)	4000
Avoparcin	Avoparcin	Milk (cattle)	10
		Edible offal, muscle (mammalian and poultry)	100
Azaperone	Sum of azaperone and azaperol	Muscle, fat (pig)	60
		Liver, kidney (pig)	100
Benzylpenicillin	Benzylpenicillin	Milk (cattle)	4
		Liver, kidney, muscle (cattle and pig)	50
Carazolol	Carazolol	Muscle, fat (pig)	5
		Liver, kidney (pig)	25
Carbadox	Carbadox	Muscle (pig)	5
		Liver (pig)	30
Carprofen	Carprofen	Muscle (horse)	50
		Fat (horse)	100
		Muscle, fat (cattle)	500
		Liver, kidney (cattle and horse)	1000
Cefquinome	Cefquinome	Milk (cattle)	20
		Muscle, fat (cattle)	50

		Liver (cattle)	100
		Kidney (cattle)	200
Ceftiofur sodium	Desfuroylceftiofur	Milk (cattle)	100
		Muscle (pig and cattle)	200
		Fat (pig and cattle)	600
		Liver (pig and cattle)	2000
		Kidney (pig and cattle)	4000
Clorsulon	Clorsulon	Muscle (cattle)	100
		Liver (cattle)	200
		Kidney (cattle)	300
		Fat (cattle)	400
Closantel	Closantel	Muscle, liver (cattle)	1000
		Muscle, liver (sheep)	1500
		Fat (sheep)	2000
		Kidney, fat (cattle)	3000
		Kidney (sheep)	5000
Cloxacillin	Cloxacillin	Milk (cattle)	30
		Muscle, liver, kidney, fat (all food producing species)	300
Colistin	Colistin	Milk (cattle)	50

		Muscle, liver, fat (cattle, chicken, pig, rabbit and sheep)	150
		Kidney (cattle, chicken, pig, rabbit and sheep)	200
		Egg (chicken)	300
Danofloxacin	Danofloxacin	Fat (cattle)	200
		Muscle (cattle and chicken)	300
		Kidney (cattle)	500
		Fat (chicken)	600
		Liver (cattle)	900
		Liver, kidney (chicken)	1200
Decoquate	Decoquate	Muscle, liver, kidney, fat (cattle and sheep)	500
Dexamethazone	Dexamethazone	Milk (cattle)	0.3
		Muscle, kidney (cattle, horse and pig)	0.5
		Liver (cattle and pig)	2.5
Dicloxacillin	Dicloxacillin	Milk (cattle)	30
		Muscle, liver, kidney, fat (all food producing species)	300
Dihydrostreptomycin	Dihydrostreptomycin	Milk (cattle)	200
		Muscle, liver, fat (cattle, chicken, pig and sheep)	500
		Kidney (cattle, chicken, pig and sheep)	1000

Dimetridazole	Dimetridazole	Edible offal, muscle (chicken and pig)	5
Diminazene	Diminazene	Milk (cattle)	150
		Muscle (cattle)	500
		Kidney (cattle)	6000
		Liver (cattle)	12000
Doramectin	Doramectin	Muscle (cattle)	10
		Kidney (cattle)	30
		Liver (cattle)	100
		Fat (cattle)	150
Doxycycline	Doxycycline	Muscle (cattle, pig and poultry)	100
		Liver (cattle, pig and poultry), fat (pig and poultry)	300
		Kidney (cattle, pig and poultry)	600
Enrofloxacin	Sum of enrofloxacin and ciprofloxacin	Muscle, liver, kidney (cattle, chicken and pig)	30
Erythromycin	Erythromycin	Milk (mammalian)	40
		Edible offal, muscle, egg (mammalian and poultry)	300
Estradiol-17b	Estradiol-17b	Food of bovine origin	GAHP*
Ethopabate	Ethopabate	Muscle (chicken)	500
		Liver, kidney (chicken)	1500

Febantel	Sum of febendazole, oxfendazole and oxfendazole sulfone	Milk (cattle) muscle, kidney, fat (cattle, pig and sheep)	100
		Liver (cattle, pig and sheep)	500
Fenbendazole	Sum of febendazole, oxfendazole and oxfendazole sulfone	Milk (cattle), muscle, kidney, fat (cattle, pig and sheep)	100
		Liver (cattle, pig and sheep)	500
Florfenicol	Sum of florfenicol and its metabolites measured as florfenicol-amine	Muscle (cattle)	200
		Kidney (cattle)	300
		Liver (cattle)	3000
Flubendazole	Flubendazole	Muscle, liver (pig)	10
		Fat (pig)	20
		Fat (cattle)	40
		Liver (cattle)	100
		Muscle (poultry)	200
		Egg (poultry)	400
		Liver (poultry)	500
Flumequine	Flumequine	Muscle, fat (cattle, pig, poultry and sheep)	50
		Liver (cattle, pig, poultry and sheep)	100
		Kidney (cattle, pig, poultry and sheep)	300

Flumethrin	Flumethrin	Edible offal, muscle and milk (cattle)	50
Gentamicin	Gentamicin	Milk (cattle), muscle, fat (cattle and pig)	100
		Liver (cattle and pig)	200
		Kidney (cattle and pig)	1000
Isometamidium	Isometamidium	Muscle, fat, milk (cattle)	100
		Liver (cattle)	500
		Kidney (cattle)	1000
Ivermectin	22,23 Dihydroavermectin B	Liver (pig and sheep)	15
		Fat (pig and sheep)	20
		Fat (cattle)	40
		Liver (cattle)	100
Levamisole	Levamisole	Muscle, kidney, fat (cattle, pig, poultry and sheep)	t0
		Liver (poultry)	100
Lincomycin	Lincomycin	Edible tissue (pig)	100
Maduramicin	Maduramicin	Edible tissue, muscle, (chicken)	240
		Fat (chicken)	480
		Liver (chicken)	720
Moxidectin	Moxidectin	Muscle (deer), liver (cattle)	20

		Liver (sheep), kidney (deer), fat (cattle and sheep)	50
		Liver (deer), kidney (cattle and sheep)	100
		Fat (deer), milk (cattle and sheep)	500
Neomycin	Neomycin	Muscle, liver, fat (chicken, turkey, duck, cattle, goat, sheep and pig), egg (chicken), milk (cattle)	500
		Kidney (chicken, turkey, duck, cattle, goat, sheep and pig)	1000
Nicarbazin	Nicarbazin	Muscle, liver, kidney (chicken)	4000
Nystatin	Nystatin	Edible tissue (pig and poultry), egg (poultry)	0
Oxacillin	Oxacillin	Milk (all food producing species)	30
		Muscle, liver, kidney, fat (all food producing species)	300
Oxfendazole	Sum of fenbendazole, oxfendazole and oxfendazole sulfone	Muscle, kidney, fat (cattle, pig and sheep), milk (cattle)	100
		Liver (cattle, pig and sheep)	500
Oxibendazole	Oxibendazole	Milk (cattle and sheep)	50
		Muscle, liver, kidney, fat (cattle, horse, pig and sheep)	100
Oxytetracycline	Oxytetracycline	Fat (cattle, sheep, pig, chicken and turkey)	10
		Milk (cattle), muscle (cattle, sheep, pig,	100

		chicken and turkey)	
		Egg (chicken)	200
		Liver (cattle, sheep, pig, chicken and turkey)	300
		Kidney (cattle, sheep, pig, chicken and turkey)	600
Penicillin	Penicillin	Edible tissue (chicken, quail, pig and sheep), egg (chicken and quail), milk (cattle)	0
		Edible tissue (turkey)	10
		Edible tissue (cattle)	50
Phoxim	Phoxim	Edible offal, muscle (pig)	10
		Fat (pig)	50
Progesterone	Progesterone	Food of bovine origin	GAHP*
Robenidine	Robenidine	Edible tissue (poultry)	100
hydrochloride	hydrochloride	Fat (poultry)	200
Salinomycin	Salinomycin	Egg (poultry)	20
		Muscle (cattle)	50
		Edible offal (pig), muscle (pig and poultry)	100
		Edible offal (cattle and poultry)	500
Sarafloxacin	Sarafloxacin	Fat (chicken)	10

		Liver (chicken)	100
Spectinomycin	Spectinomycin	Milk (cattle)	200
		Muscle (cattle, chicken and pig)	300
		Fat (cattle, chicken and pig)	500
		Liver (cattle, chicken and pig)	2000
		Kidney (cattle, chicken and pig)	5000
Spiramycin	Muscle (pig)	200	
	Kidney, fat (pig)	300	
	Liver (pig)	600	
	Sum of spiramycin and neospiramycin	Muscle (cattle and chicken), milk (cattle)	200
		Kidney (cattle), fat (cattle and chicken)	300
		Liver (cattle and chicken)	600
		Kidney (chicken)	800
Streptomycin	Streptomycin	Milk (cattle)	200
		Muscle, liver, fat (cattle, chicken, pig and sheep)	500
		Kidney (cattle, chicken, pig and sheep)	1000
Sulphadiazine	Sulphadiazine	Edible offal (mammalian), muscle (mammalian), milk (cattle)	100

Sulphadimethoxine	Sulphadimethoxine	Milk (cattle)	10
		Edible offal, muscle (cattle and chicken)	100
Sulphadimidine	Sulphadimidine	Milk (cattle)	25
		Edible offal (chicken and mammalian), muscle (chicken and mammalian), liver, kidney, fat (cattle)	100
Sulphamethazine	Sulphamethazine	Edible tissue (cattle, turkey, chicken and pig)	100
Sulphaquinoxaline	Sulphaquinoxaline	Edible offal, muscle (poultry)	100
Sulphonamide	Sulphonamide	Muscle, liver, kidney, fat (all food producing species), milk (cattle)	100
Testosterone	Testosterone	Food of bovine origin	GAHP*
Tetracycline	Sum of parent drug and its 4-epimer	Muscle (cattle, poultry, pig and sheep), milk (cattle)	100
		Egg (poultry)	200
		Liver (cattle, poultry, pig and sheep)	300
		Kidney (cattle, poultry, pig and sheep)	600
Thiabendazole	Sum of thiabendazole and 5-hydroxy-thiabendazole	Muscle, liver, kidney and fat (cattle, pig, goat and sheep), milk (cattle and goat)	100
Tiamulin	8-alpha-hydroxymutilin	Muscle (pig)	3600
		Liver (pig)	10800
		Kidney, fat (pig)	14400

Tilmicosin	Tilmicosin	Milk (sheep)	50
		Muscle, fat (cattle, poultry, pig and sheep)	100
		Kidney (cattle and sheep)	300
		Liver (cattle and sheep), kidney (pig)	1000
		Liver (pig)	1500
Trenbolone acetate	b -Trenbolone a – Trenbolone	Muscle (cattle)	2
		Liver (cattle)	10
Triclabendazole	5-chloro-6-(2',3'-dichloro-phenoxy) benzimidazole-2-one	Fat (cattle and sheep)	100
Trimethoprim	Trimethoprim	Edible offal, muscle (mammalian and chicken), egg (chicken), milk (cattle)	50
Tylosin	Tylosin	Milk (cattle)	50
		Muscle, liver, kidney (chicken and cattle), edible tissue (cattle), fat (chicken), egg (chicken)	200
Virginiamycin	Virginiamycin	Muscle, liver, kidney, fat (cattle)	0
		Muscle (pig and poultry)	100
		Fat (poultry)	200
		Liver (pig and poultry)	300
		Kidney, fat (pig)	400

		Kidney (poultry)	500
Zeranol	Zeranol	Muscle (cattle)	2
		Liver (cattle)	10

\* Good animal husbandry practice

Note: These MRLs will be reviewed every year

**TABLE II**  
**PROHIBITED DRUGS**

The following drugs are prohibited in food:

Beta agonists

Nitrofurans

Chloramphenicol".

Made 16 December 1997.

[KKM-163(2/1) sk. III Jld. 4; PN. (PU<sup>2</sup>) 418/VI.]

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