

Annual Report on Surveillance
for Veterinary Residues in the UK, 2006

Tables containing all the results from the
National Surveillance Scheme and the
Non-Statutory Surveillance Scheme

2006 Non-Statutory Surveillance Results in Detail

Sample	Analyte	Number of samples analysed	MRL/*MRPL where set (µg/kg)	LOQ/Action level (µg/kg)	Less than LOQ/Action level	Concentration detected where sample was below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where sample was above the MRL/MRPL/Action Level (µg/kg)
Imported warm water prawns (brand name survey)							
	Nitrofurans	102	*1 (each)	1 (each)	99		AOZ: #1.1, 14 SEM: #1.6 ^a , 1.6 ^a
Imported cheese							
	Chloramphenicol	106	*0.3	0.3	106		
Imported farmed fish							
	Chloramphenicol	300	*0.3	0.3	300		
	Antimicrobial screen	218	50-300 (where set)	50-300	217		Oxytetracycline: 110
	Malachite green/leucomalachite green	300	*2 ^b	2	299		Leucomalachite green: 26
	Crystal violet/leucocrystal violet	300	Not set	(0.5/1) ^c	299		Crystal violet: 1.8
	Nitrofurans	300	*1 (each)	1 (each)	298		AOZ: 1.4 AMOZ: 1.5
	Fluoroquinolones/quinolones	300	30-600 (where set)	10 (each)	299		Enrofloxacin: 830
Imported honey							
	1,4-dichlorobenzene	104	Not set	10	102		19, 44
	Macrolides	104	Not set	2 (tylosin)	101		2, 2.1, 10
	Naphthalene	104	Not set	10	104		
	Organophosphates	104	100 (coumaphos)	100	104		
Imported cooked poultry							
	Nitrofurans	300	*1 (each)	1 (each)	300		
Imported raw poultry							
	Lasalocid	300	20	20	300		
	Maduramycin	300	Not set	20	300		
	Nitroimidazoles	300	Not set	5 (each)	300		
	Ionophores	247	Not set	4, 20, 20	247		
	Nicarbazin	247	200 (JECFA)	25	243	39, 43, 53, 100	
Farmed warm water crustaceans							
	Nitrofurans	248	*1 (each)	1 (each)	229		AOZ: 1.5, 1.7, 22 SEM: 1, 1.2, 2.2, 2.3, 2.9, 3, 3, 3.3, 3.9, 4.6, 5.5, 5.9, 6.2, 6.3, 7.4, 7.5
	Antimicrobial screen	237	50-300 (where set)	50-300	236		Tetracycline: 230
	Fluoroquinolones/quinolones	237	100-300 (where set)	10-300	237		

KEY:

AOZ = 3-amino-2-oxazolidinone

AMOZ = 3-amino-5-morpholinomethyl-2-oxazolidinone)

SEM = Semicarbazide hydrochloride

= both analytes in same sample

^a = duplicate samples

^b = MRPL is the sum of malachite green and leucomalachite green

^c = Decision limit - any confirmed residue at or above this limit is considered non-compliant

2006 GB Statutory Surveillance Results for Wild and Farmed Game in Detail

Sample	Analyte	Number of samples analysed	MRL/MRPL where set (µg/kg)	LOQ/ Action level (µg/kg)	Less than LOQ/ Action level	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)
Farmed deer liver SH	Zeranol	4	Not set	0.5	4	-	-
Farmed deer liver SH	Beta-agonists	7	Not set	0.25-1.0	7	-	-
Partridge muscle SH	Dimetridazole ronidazole metronidazole	18	Not set	7.5	18	-	-
Pheasant muscle SH	Dimetridazole ronidazole metronidazole	19	Not set	7.5	19	-	-
Quail muscle SH	Dimetridazole ronidazole metronidazole	8	Not set	7.5	8	-	-
Partridge muscle SH	Antimicrobial screen	8	Various	Various	8	-	-
Pheasant muscle SH	Antimicrobial screen	8	Various	Various	8	-	-
Farmed deer kidney SH	Antimicrobial screen	15	Various	Various	15	-	-
Quail muscle SH	Antimicrobial screen	6	Various	Various	6	-	-
Deer liver SH	Avermectins	4	100 Doramectin, Ivermectin Not set	50	4	-	-
Quail muscle SH	Avermectins	6	100 Doramectin, Ivermectin Not set	50	6	-	-
Quail muscle SH	Benzimidazoles	6	400 Flubendazole	25	6	-	-
Farmed deer liver SH	Levamisole	4	Not set	50	4	-	-
Partridge muscle SH	Ionophores	10	Not set	50	10	-	-
Pheasant muscle SH	Ionophores	11	Not set	50	11	-	-
Quail muscle SH	Ionophores	10	Not set	50	10	-	-
Farmed deer liver SH	Carbamates	3	Not set	20	3	-	-
Farmed deer liver SH	Sedatives	4	Not set	25	4	-	-
Farmed deer liver SH	NSAIDS	2	Not set	500	2	-	-
Farmed deer kidney fat SH	OCs	8	Various	Various	8	-	-
Farmed deer kidney fat SH	PCBs	8	Not set	10	8	-	-
Farmed deer muscle SH	Cadmium	7	1,000	500*	7	-	-
Wild deer muscle SH	Cadmium	33	1,000	500*	33	-	-
Partridge muscle SH	Cadmium	8	1,000	500*	8	-	-
Pheasant muscle SH	Cadmium	8	1,000	500*	8	-	-
Farmed deer muscle SH	Lead	7	10,000	300	7	-	-
Wild deer muscle SH	Lead	33	10,000	300	31	400, 4160	-
Partridge muscle SH	Lead	8	10,000	300	6	4600	16000
Pheasant muscle SH	Lead	8	10,000	300	6	390, 850	-

Key:

* = reporting limit

2006 GB Statutory Surveillance Results for Honey in Detail

Sample	Analyte	Number of samples analysed	MRL/*MRPL where set ($\mu\text{g}/\text{kg}$)	LOQ/ Action level ($\mu\text{g}/\text{kg}$)	Less than LOQ/ Action level	Concentration detected where samples were below the MRL/MRPL/Action Level ($\mu\text{g}/\text{kg}$)	Concentration detected where samples were above the MRL/MRPL/Action Level ($\mu\text{g}/\text{kg}$)
Honey	Antimicrobial screen	24	Not set	Various	24	-	-
Honey	Macrolides	16	Not set	Various	16	-	-
Honey	Chloramphenicol	15	*0.3	*0.3	15	-	-
Honey	AOZ, AMOZ, SEM, AHD	15	*1	*1	15	-	-
Honey	Streptomycin	22	Not set	25	22	-	-
Honey	Tetracyclines	21	Not set	25	21	-	-
Honey	Pyrethroids	10	Not set	50	10	-	-
Honey	Organochlorines	16	Not set	Various	16	-	-
Honey	Organophosphates	10	100 coumafos	Various	10	-	-
Honey	1-4 dichlorobenzene	6	Not set	5	6	-	-
Honey	Naphthalene	6	Not set	5	6	-	-
Honey	Cadmium	10	200	5	10	-	-
Honey	Lead	10	200	10	10	-	-

2006 UK Statutory Surveillance Results for Red Meat in Detail

Sample	Analyte	Number of samples analysed	MRL/*MRPL where set (µg/kg)	LOQ/ Action level (µg/kg)	Less than LOQ/ Action level	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)
Cattle urine OF+ SH	DES, Hexoestrol, Dienoestrol	385	Not set	2	385	-	-
Pig urine SH	DES, Hexoestrol, Dienoestrol	90	Not set	2	90	-	-
Sheep urine SH	DES, Hexoestrol, Dienoestrol	74	Not set	2	74	-	-
Cattle serum OF	Thyrostats	166	Not set	25	166	-	-
Cattle urine SH	Thyrostats	170	Not set	25	170	-	-
Pig thyroid/urine SH	Thyrostats	8/82	Not set	25	8/82	-	-
Sheep urine SH	Thyrostats	71	Not set	25	71	-	-
Cattle urine OF + SH	Boldenone	483	Not set	1	483	-	-
Cattle serum OF	Gestagens	293	Not set	4	293	-	-
Cattle kidney fat SH	Gestagens	277	Not set	40	277	-	-
Pig kidney fat SH	Altrenogest	89	Not set	40	89	-	-
Sheep kidney fat SH	Gestagens	81	Not set	40	81	-	-
Pig feed OF	Methyltestosterone	26	Not Set	20	26	-	-
Pig urine SH	Methyltestosterone	91	Not Set	2	91	-	-
Sheep urine SH	Methyltestosterone	87	Not set	2	87	-	-
Cattle urine OF + SH	Nortestosterone	615	Not set	0.5	613	<5 ^b	5.8, 10 ^a
Sheep urine SH	Nortestosterone	161	Not set	0.5	146	-	0.6, 0.6, 0.6, 0.6, 0.9, 0.9, 1, 1, 1, 1, 1.3, 1.3, 1.4, 1.6, 2, 2
Cattle serum OF+ SH	Oestradiol	377	Not set action level 0.04	0.02	377	-	-
Cattle urine OF+ SH	Oestradiol	92	Not set action level 0.04	0.02	92	-	-
Cattle serum OF + SH	Progesterone ^c	373	Not set	0.2	356	-	0.5, 0.5, 0.6, 0.6, 0.7, 0.7, 0.7, 0.8, 0.8, 0.9, 0.9, 1, 1, 1, 2, 2, 3
Cattle urine OF+ SH	Progesterone ^c	51	Not set	0.2	48	-	0.6, 1.2, 2.1
Cattle serum OF+ SH	Testosterone	481	Not set	0.2	481	-	-
Cattle urine OF+ SH	Testosterone	62	Not set	0.2	61	-	1.9
Cattle urine OF + SH	Trenbolone	698	Not set	2	698	-	-
Pig urine SH	Trenbolone	90	Not set	2	90	-	-
Sheep urine SH	Trenbolone	166	Not set	2	166	-	-
Cattle urine OF+ SH	Zeranol	342	Not set	0.5	340	-	3.6, 7
Pig urine SH	Zeranol	175	Not set	0.5	175	-	-
Sheep urine	Zeranol	76	Not set	0.5	76	-	-
Cattle urine/feed OF	β-agonists	234/283	Not set	0.4/10	234/283	-	-
Cattle liver SH	β-agonists	564	Not set	0.2	564	-	-
Calf liver SH	β-agonists	25	Not set	0.2	25	-	-
Pig feed OF	β-agonists	41	Not set	10	41	-	-
Pig liver SH	β-agonists	340	Not set	0.2	340	-	-
Sheep liver SH	β-agonists	280	Not set	0.2	280	-	-
Horse liver SH	β-agonists	14	Not set	0.2	14	-	-
Cattle urine/feed OF	Chloramphenicol	39/192	Not set	0.3/1000	39/192	-	-
Cattle kidney SH	Chloramphenicol	238	*0.3	0.3	238	-	-
Calf kidney SH	Chloramphenicol	23	*0.3	0.3	23	-	-
Pig kidney SH	Chloramphenicol	227	*0.3	0.3	227	-	-
Sheep kidney SH	Chloramphenicol	147	*0.3	0.3	147	-	-
Cattle kidney SH	Dimetridazole/ronidazole	95	Not set	5	95	-	-
Calf kidney SH	Dimetridazole/ronidazole	13	Not set	5	13	-	-
Pig feed OF	Dimetridazole/ronidazole	19	Not set	100	19	-	-
Pig kidney SH	Dimetridazole/ronidazole	209	Not set	5	209	-	-
Sheep kidney SH	Dimetridazole/ronidazole	102	Not set	5	102	-	-
Horse kidney	Dimetridazole/ronidazole	13	Not set	5	13	-	-

Sample	Analyte	Number of samples analysed	MRL*/MRPL where set (µg/kg)	LOQ/ Action level (µg/kg)	Less than LOQ/ Action level	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)
Cattle kidney SH	AOZ, AMOZ, SEM, AHD	173	*1	0.3 SEM	173	-	-
Calf kidney SH	AOZ, AMOZ, SEM, AHD	13	*1	0.3 SEM	13	-	-
Pig kidney SH	AOZ, AMOZ, SEM, AHD	289	*1	0.3 SEM	289	-	-
Sheep kidney SH	AOZ, AMOZ, SEM, AHD	282	*1	0.3 SEM	282	-	-
Cattle feed OF	Nitrofurans	169	Not set	2,500-5,000	169	-	-
Pig feed OF	Nitrofurans	7	Not set	2,500-5,000	7	-	-
Cattle kidney SH	Antimicrobial screen ^d	1231	Various	Various	1231	-	-
Calf kidney SH	Antimicrobial screen ^d	199	Various	Various	196	-	1670, 2235 CTC
Goats kidney SH	Antimicrobial screen ^d	11	Various	Various	11	-	1380 OTC
Horse kidney SH	Antimicrobial screen ^d	13	Various	Various	13	-	-
Pig kidney SH	Antimicrobial screen ^d	796	Various	Various	792	515 CTC	750, 1390, 3750 CTC
Sheep kidney SH	Antimicrobial screen ^d	2605	Various	Various	2605	-	-
Calf kidney SH	Quinolones	134	Various	Various	134	-	-
Cattle kidney SH	Sulphonamides	137	100	20	137	-	-
Calf kidney SH	Sulphonamides	72	100	20	72	-	-
Pig kidney SH	Sulphonamides	799	100	20	795	70, 80	260, 260 sulphadiazine
Sheep kidney SH	Sulphonamides	124	100	20	124	-	-
Cattle liver SH	Avermectins	300	Various	7.5	300	-	-
Goats liver SH	Avermectins	10	Various	7.5	10	-	-
Horse liver SH	Avermectins	12	Various	25	12	-	-
Pig liver SH	Avermectins	176	Various	7.5	176	-	-
Sheep liver SH	Avermectins	550	Various	7.5	549	-	180 Ivermectin
Cattle liver SH	Benzimidazoles	300	Various	20-100	300	-	-
Horse liver SH	Benzimidazoles	13	Various	25	13	-	-
Pig liver SH	Benzimidazoles	175	Various	20-100	175	-	-
Sheep liver SH	Benzimidazoles	553	Various	20-100	553	-	-
Cattle liver SH	Levamisole	300	100	50	300	-	-
Horse liver SH	Levamisole	10	Not set	100	10	-	-
Sheep liver SH	Levamisole	268	100	50	268	-	-
Calf liver SH	Ionophores	46	Not set	5-20	46	-	-
Pig liver SH	Ionophores	99	Not set	5-20	99	-	-
Sheep liver SH	Ionophores	320	Not set	5-20	320	-	-
Cattle liver SH	Pyrethroids	7	Various	50	7	-	-
Calf liver SH	Pyrethroids	5	Various	50	5	-	-
Cattle kidney fat SH	Pyrethroids	27	Various	50	27	-	-
Calf kidney fat SH	Pyrethroids	15	Various	50	15	-	-
Pig liver SH	Pyrethroids	58	Various	50	58	-	-
Sheep liver SH	Pyrethroids	548	Various	50	548	-	-
Cattle kidney/liver SH	Sedatives	5/34	15 Carazolol	5-25	5/34	-	-
Pig kidney/liver SH	Sedatives	15/149	100 Azeperone	5-25	15/149	-	-
Sheep liver/kidney SH	Sedatives	3/86	Not set	5-25	3/86	-	-
Pig liver SH	Carazolol	164	25	10	164	-	-
Cattle plasma SH	Phenylbutazone	275	Not set	0.11	275	-	1.3
Horse plasma SH	Phenylbutazone	49	Not set	50	48	-	25
Cattle liver/kidney SH	NSAIDS	38/220	Not set	500	38/220	-	-
Pig liver SH	NSAIDS	32	Not set	500	32	-	-
Sheep liver SH	NSAIDS	52	Not set	500	52	-	-
Cattle liver SH	Flunixin	29	300	29	29	-	-

Sample	Analyte	Number of samples analysed	MRL ^a /MRPL where set (µg/kg)	LOQ/Action level (µg/kg)	Less than LOQ/Action level	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)
Cattle liver SH	Aflatoxins	51	Not set	0.1	51	-	-
Pigs liver SH	Aflatoxins	63	Not set	0.1	63	-	-
Sheep liver SH	Aflatoxins	47	Not set	0.1	47	-	-
Cattle urine/liver SH	Dexamethazone	45/251	2	1	45/251	-	-
Pig urine/liver SH	Dexamethazone	4/34	2	1	4/34	-	-
Sheep urine/liver SH	Betamethazone						
	Dexamethazone	1/17	2	1	1/17	-	-
	Betamethazone						
Pig liver SH	2-Quinoxaline carboxylic acid	51	Various	30	51	-	-
Pig feed OF	Carbadox	14	Not set	100	14	-	-
Cattle kidney fat SH	Organochlorines	72	Various	1/2MRL	72	-	-
Pig kidney fat SH	Organochlorines	63	Various	1/2MRL	63	-	-
Sheep kidney fat SH	Organochlorines	108	Various	1/2MRL	108	-	-
Cattle kidney fat SH	PCBs	72	Not set	10	72	-	-
Pig kidney fat SH	PCBs	63	Not set	10	63	-	-
Sheep kidney fat SH	PCBs	108	Not set	10	108	-	-
Cattle kidney fat SH	Organophosphates	205	Various	10	205	-	-
Pig kidney fat SH	Organophosphates	131	Various	10	131	-	-
Sheep kidney fat SH	Organophosphates	543	Various	10	531	20, 25, 25, 35, 40, 85, 135, 145, 175, 220, 275, 570 Diazinon	-
Cattle kidney SH	Cadmium	89	1,000	500 [#]	72	510, 540, 550, 550, 550, 560, 580, 590, 760, 860, 860, 860, 950	1320, 1570, 1610, 1980
Goat kidney SH	Cadmium	3	1,000	500 [#]	3	-	-
Horse muscle SH	Cadmium	10	1,000	500 [#]	10	-	-
Pig kidney SH	Cadmium	12	1,000	500 [#]	11	590	-
Sheep kidney SH	Cadmium	47	1,000	500 [#]	42	580, 740, 830, 930	1,210
Cattle kidney SH	Lead	89	500	300 [#]	86	310, 330, 400	-
Goat kidney SH	Lead	3	500	300 [#]	3	-	-
Horse muscle SH	Lead	10	500	300 [#]	10	-	-
Pig kidney SH	Lead	12	500	300 [#]	12	-	-
Sheep kidney SH	Lead	47	500	300 [#]	41	310, 310, 330, 370	840, 10070

Key:

SH = Slaughterhouse

OF = On farm

CTC = Chlortetracycline

OTC = Oxtetracycline

[#] = reporting limit

Action Level = any confirmed level of a residue where no MRL or MRPL exists

^a. Investigation found the wrong sex animal had been sampled.

^b. Female ruminants can produce nortestosterone under normal physiological conditions. Follow up sampling initiated on samples >5 µg/l.

^c. Progesterone is a naturally occurring hormone. Its use for growth promotion purposes is illegal, residues of 0.5µg/l and above are subject to follow-up action

^d. Antimicrobial screening test covers residues of tetracyclines, penicillins, sulphonamides and streptomycin/dihydrostreptomycin. The screening test is not particularly sensitive to sulphonamide residues and separate tests for these substances are also included in the programme

2006 UK Statutory Surveillance Results for Poultry in Detail

Sample	Analyte	Number of samples analysed	MRL/*MRPL where set (µg/kg)	LOQ/ Action level (µg/kg)	Less than LOQ/ Action level	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)
Broiler serum/liver SH	DES, Hexoestrol, Dienoestrol	17/133	Not set	2	17/133	-	-
Duck liver SH	DES, Hexoestrol, Dienoestrol	6	Not set	2	6	-	-
Hen liver SH	DES, Hexoestrol, Dienoestrol	10	Not set	2	10	-	-
Turkey serum/liver SH	DES, Hexoestrol, Dienoestrol	1/24	Not set	2	1/24	-	-
Broiler serum/liver SH	Trenbolone	14/134	Not set	2	14/134	-	-
Duck liver SH	Trenbolone	5	Not set	2	5	-	-
Hen liver SH	Trenbolone	6	Not set	2	6	-	-
Turkey liver SH	Trenbolone	24	Not set	2	24	-	-
Broiler serum/liver SH	Zeranol	20/133	Not set	2	20/133	-	-
Duck liver SH	Zeranol	13	Not set	2	13	-	-
Hen liver SH	Zeranol	24	Not set	2	24	-	-
Turkey liver SH	Zeranol	2/72	Not set	2	2/72	-	-
Broiler feed OF	β-agonists	206	Not set	10	206	-	-
Duck feed OF	β-agonists	6	Not set	10	6	-	-
Hen feed OF	β-agonists	10	Not set	10	10	-	-
Turkey feed OF	β-agonists	32	Not set	10	32	-	-
Broiler liver SH	β-agonists	447	Not set	0.2	447	-	-
Duck liver SH	β-agonists	13	Not set	0.2	13	-	-
Hen liver SH	β-agonists	16	Not set	0.2	16	-	-
Turkey liver SH	β-agonists	72	Not set	0.2	72	-	-
Broiler muscle SH	Chloramphenicol	842	Not set	0.3	842	-	-
Duck muscle SH	Chloramphenicol	24	Not set	0.3	24	-	-
Hen muscle SH	Chloramphenicol	30	Not set	0.3	30	-	-
Turkey muscle SH	Chloramphenicol	125	Not set	0.3	125	-	-
Broiler feed OF	Dimetridazole/ronidazole	192	Not set	100	192	-	-
Duck feed OF	Dimetridazole/ronidazole	7	Not set	100	7	-	-
Hen feed OF	Dimetridazole/ronidazole	11	Not set	100	11	-	-
Turkey feed OF	Dimetridazole/ronidazole	35	Not set	100	35	-	-
Broiler liver SH	Dimetridazole/ronidazole	730	Not set	5	730	-	-
Duck liver SH	Dimetridazole/ronidazole	18	Not set	5	18	-	-
Hen liver SH	Dimetridazole/ronidazole	23	Not set	5	23	-	-
Turkey liver SH	Dimetridazole/ronidazole	99	Not set	5	99	-	-
Broiler feed OF	Nitrofurans	201	Not set	2,500	201	-	-
Duck feed OF	Nitrofurans	5	Not set	2,500	5	-	-
Hen feed OF	Nitrofurans	4	Not set	2,500	4	-	-
Turkey feed OF	Nitrofurans	35	Not set	2,500	35	-	-
Broiler muscle SH	Nitrofurans	847	*1	0.3-1	847	-	-
Duck muscle SH	Nitrofurans	26	*1	0.3-1	26	-	-
Hen muscle SH	Nitrofurans	30	*1	0.3-1	30	-	-
Turkey muscle SH	Nitrofurans	124	*1	0.3-1	124	-	-
Broiler muscle SH	Antimicrobial screen	1087	Various	Various	1087	-	-
Duck muscle SH	Antimicrobial screen	26	Various	Various	25	-	150 CTC
Geese muscle SH	Antimicrobial screen	4	Various	Various	4	-	-
Hens muscle SH	Antimicrobial screen	44	Various	Various	44	-	-
Turkey muscle SH	Antimicrobial screen	245	Various	Various	245	-	-
Broiler muscle SH	Quinolones	480	Various	10	480	-	-
Duck muscle SH	Quinolones	12	Various	10	12	-	-
Geese muscle SH	Quinolones	3	Various	10	3	-	-
Hens muscle SH	Quinolones	16	Various	10	16	-	-
Turkey muscle SH	Quinolones	41	Various	10	41	-	-

2006 UK Statutory Surveillance Results for Poultry in Detail

Sample	Analyte	Number of samples analysed	MRL/*MRPL where set (µg/kg)	LOQ/ Action level (µg/kg)	Less than LOQ/ Action level	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)
Broiler muscle SH	Sulphonamides	301	100	50	301	-	-
Duck muscle SH	Sulphonamides	10	100	50	10	-	-
Geese muscle SH	Sulphonamides	2	100	50	2	-	-
Hen muscle SH	Sulphonamides	15	100	50	15	-	-
Turkey muscle SH	Sulphonamides	28	100	50	28	-	-
Broiler liver SH	Benzimidazoles	130	Not set	10-200	128	-	13, 15
Duck liver SH	Benzimidazoles	10	Not set	50-200	10	-	-
Hen liver SH	Benzimidazoles	11	Not set	50-200	11	-	-
Turkey liver SH	Benzimidazoles	37	Not set	50-200	37	-	-
Broiler liver SH	Levamisole	129	100	25	129	-	-
Duck liver SH	Levamisole	12	100	25	12	-	-
Hen liver SH	Levamisole	13	100	25	13	-	-
Turkey liver SH	Levamisole	38	100	25	38	-	-
Broiler liver SH	Ionophores	303	Not set	2-50	303	-	-
Hen liver SH	Ionophores	9	Not set	2-50	9	-	-
Turkey liver SH	Ionophores	60	Not set	2-50	60	-	-
Broiler liver/muscle SH	Nicarbazin	306/62	200 [#]	100	263/59	110, 110, 120, 120, 120, 120, 120, 130, 140, 150, 160, 170, 180, 190, 190, 190, 190, 200/140, 150	210, 220, 230, 230, 240, 250, 250, 260, 280, 330, 350, 350, 380, 400, 400, 480, 490, 680, 690, 780, 880, 920, 980, 1700, 2000, 3100/210
Broiler liver SH	Pyrethroids	65	Various	100	65	-	-
Duck liver SH	Pyrethroids	7	Various	100	7	-	-
Hen liver SH	Pyrethroids	5	Various	100	5	-	-
Turkey liver SH	Pyrethroids	22	Various	100	22	-	-
Broiler liver SH	Carbamates	65	Not set	50	65	-	-
Duck liver SH	Carbamates	7	Not set	50	7	-	-
Hen liver SH	Carbamates	5	Not set	50	5	-	-
Turkey liver SH	Carbamates	22	Not set	50	22	-	-
Broiler liver SH	Organochlorines	248	Various	10	248	-	-
Broiler liver SH	PCBs	248	Not set	10	248	-	-
Duck liver SH	Organochlorines	3	Various	10	3	-	-
Duck liver SH	PCBs	3	Not set	10	3	-	-
Hen liver SH	Organochlorines	3	Various	10	3	-	-
Hen liver SH	PCBs	3	Not set	10	3	-	-
Turkey liver SH	Organochlorines	28	Various	10	28	-	-
Turkey liver SH	PCBs	28	Not set	10	28	-	-
Broiler liver SH	Cadmium	8	500	250	8	420	-
Broiler muscle SH	Cadmium	25			25	-	-
Duck liver SH	Cadmium	1	500	250	1	-	-
Duck muscle SH	Cadmium	4			4	-	-
Hen liver SH	Cadmium	3	500	250	0	290, 320	640
Hen muscle SH	Cadmium	5			5	-	-
Turkey liver SH	Cadmium	6	500	250	5	280	-
Turkey muscle SH	Cadmium	15			15	-	-
Broiler liver SH	Lead	8	500	250	8	-	-
Broiler muscle SH	Lead	25			25	-	-
Duck liver SH	Lead	1	500	250	1	-	-
Duck muscle SH	Lead	4			4	-	-
Hen liver SH	Lead	3	500	250	3	-	-
Hen muscle SH	Lead	5			5	-	-
Turkey liver SH	Lead	6	500	250	6	-	-
Turkey muscle SH	Lead	15			15	-	-
Broiler liver SH	Aflatoxins	34	Not set	0.05	34	-	-
Duck liver SH	Aflatoxins	3	Not set	0.05	3	-	-
Hen liver SH	Aflatoxins	2	Not set	0.05	2	-	-
Turkey liver SH	Aflatoxins	10	Not set	0.05	10	-	-

Key:
SH = Slaughterhouse
OF = On farm
= reporting level (JECFA MRL)

2006 UK Statutory Surveillance Results for Eggs in Detail

Sample	Analyte	Number of samples analysed	MRL/*MRPL where set (µg/kg)	LOQ/ Action level (µg/kg)	Less than LOQ/ Action level	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)
Egg cg	Chloramphenicol	42	*0.3	0.3	42	-	-
Egg fr	Chloramphenicol	49	*0.3	0.3	49	-	-
Egg pb	Chloramphenicol	5	*0.3	0.3	5	-	-
Egg cg	Dimetridazole	83	Not set	5	83	-	-
Egg fr	Dimetridazole	91	Not set	5	91	-	-
Egg pb	Dimetridazole	9	Not set	5	9	-	-
Egg cg	Nitrofurans	42	Not set	1	42	-	-
Egg fr	Nitrofurans	46	Not set	1	46	-	-
Egg pb	Nitrofurans	4	Not set	1	4	-	-
Egg cg	Antimicrobial screen including sulphonamides	124	Not set	Various	123	-	380 CTC
Egg fr	Antimicrobial screen including sulphonamides	138	Not set	Various	138	-	-
Egg pb	Antimicrobial screen including sulphonamides	14	Not set	Various	14	-	-
Egg cg	Tetracyclines	42	200 CTC	70	42	-	-
Egg fr	Tetracyclines	46	200 CTC	70	46	-	-
Egg pb	Tetracyclines	4	200 CTC	70	4	-	-
Egg fr	Benzimidazoles	19	400 (flubendazole)	25	19	-	-
Egg cg	Ionophores	112	150	Various	109	40 Lasalocid	260, 270 Lasalocid
Egg fr	Ionophores	125	Not set	Various	122	20 Lasalocid	190, 360 Lasalocid
Egg pb	Ionophores	12	Not set	Various	12	-	-
Egg cg	Nicarbazin	100	Not set	40	100	-	-
Egg fr	Nicarbazin	111	Not set	40	109	-	40, 50
Egg pb	Nicarbazin	10	Not set	40	10	-	-
Egg fr	Pyrethroids	17	Not set	Various	17	-	-
Egg cg	OCs	18	Various	2	18	-	-
Egg fr	OCs	20	Various	2	20	-	-
Egg pb	OCs	2	Various	2	2	-	-
Egg cg	PCBs	18	Not set	2	18	-	-
Egg fr	PCBs	20	Not set	2	20	-	-
Egg pb	PCBs	2	Not set	2	2	-	-

Key:

cg = caged production

pb = perchery barn production

fr = free range production

2006 UK Statutory Surveillance Results for Milk in Detail

Sample	Analyte	Number of samples analysed	MRL/*MRPL where set (µg/kg)	LOQ/ Action level (µg/kg)	Less than LOQ/ Action level	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)
Milk	Chloramphenicol	340	*0.3	0.3	340	-	-
Milk	Dimetridazole	341	Not set	5	341	-	-
Milk	Antimicrobial	681	Various	Various	680	-	10 Penicillin G
Milk	Cephalosporins	381	Various	Various	381	-	-
Milk	Quinolones	299	Various	Various	299	-	-
Milk	Sulphonamides	23 ^a	100	50	23	-	-
Milk	Avermectins	312	Not set	40	312	-	-
Milk	Benzimidazoles	118	Various	Various	118	-	-
Milk	Levamisole	110	Not set	5	110	-	-
Milk	Flunixin	8	Various	50	8	-	-
Milk	Phenylbutazone	209	Not set	50	209	-	-
Milk	Organochlorines	43	Various	0.4	43	-	-
Milk	PCBs	43	Not set	0.4	43	-	-
Milk	Organophosphates	32	Various	1	32	-	-
Milk	Cadmium	41	1,000	1	41	-	-
Milk	Lead	41	20	5	41	-	-
Milk	Aflatoxins	105	0.05 [#]	Various	104	-	>0.05 Aflatoxin M¹

Key:

[#] MRL for aflatoxin M¹

^a Northern Ireland samples where a separate test is run for sulphonamides. Antimicrobial screening test used in GB covers sulphonamides.

2006 UK Statutory Surveillance Results For Fish in Detail

Sample	Analyte	Number of samples analysed	MRL/*MRPL where set (µg/kg)	LOQ/ Action level (µg/kg)	Less than LOQ/ Action level	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)
Salmon muscle	Chloramphenicol	185	Not set	0.3	185	-	-
Trout muscle	Chloramphenicol	20	Not set	0.3	20	-	-
Salmon muscle	Dimetridazole	172	Not set	5	172	-	-
Trout muscle	Dimetridazole	20	Not set	5	20	-	-
Salmon muscle	Nitrofurans	96	*1	1	96	-	-
Trout muscle	Nitrofurans	15	*1	1	15	-	-
Salmon muscle	Antimicrobial screen	120	Various	Various	120	-	-
Trout muscle	Antimicrobial screen	12	Various	Various	12	-	-
Salmon muscle	Quinolones	114	Various	Various	114	-	-
Trout muscle	Quinolones	11	Various	Various	11	-	-
Salmon muscle	Tetracyclines	120	100	50	120	-	-
Trout muscle	Tetracyclines	12	100	50	12	-	-
Salmon muscle	Avermectins	163	100 [#]	2	157	50, 50, 70, 70, 80, 90	-
Trout muscle	Avermectins	6	100 [#]	2	6	-	-
Salmon muscle	Benzimidazoles	73	Not set	Various	73	-	-
Trout muscle	Benzimidazoles	12	Not set	Various	12	-	-
Salmon muscle	Pyrethroids	118	10*	50	118	-	-
Salmon muscle	Organochlorines	9	Not set	10	9	-	-
Trout muscle	Organochlorines	5	Not set	10	4	15 P,P-DDE	-
Salmon muscle	PCBs	9	Not set	10	9	-	-
Trout muscle	PCBs	5	Not set	10	5	-	-
Salmon muscle	Organophosphates	38	Not set	Various	38	-	-
Salmon muscle	Cadmium	9	50	25	9	-	-
Trout muscle	Cadmium	6	50	25	5	-	60
Salmon muscle	Lead	9	200	100	6	-	-
Trout muscle	Lead	6	200	100	6	-	-
Salmon muscle	Mercury	9	500	250	9	-	-
Trout muscle	Mercury	6	500	250	6	-	-
Salmon muscle	Aflatoxins	9	Not set	0.05	9	-	-
Trout muscle	Aflatoxins	5	Not set	0.05	5	-	-
Salmon muscle	Malachite green	136	*2 [§]	2	139	-	-
Salmon muscle	Leucomalachite green	136	*2 [§]	2	139	-	-
Trout muscle	Malachite green	105	*2 [§]	2	101	-	1 ^a
Trout muscle	Leucomalachite green	105	*2 [§]	2	101	-	500 ^a

Key:

[#] = MRL for emamectin

* = MRL for deltamethrin

[§] = MRPL is the sum of malachite green and leucomalachite green

^a = One sample contained both malachite and leucomalachite green