

Annual Report on Surveillance  
for Veterinary Residues in the UK, 2007

Tables containing all the results from the  
National Surveillance Scheme

## 2007 UK Statutory Surveillance Results For Fish in Detail

Sample	Analyte	Number of samples analysed	MRL/ *MRPL where set (µg/kg)	Decision Limit/ Action level (µg/kg)	Less than Decision Limit/ 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	183	*0.3	0.3	183	-	-
Trout muscle	Chloramphenicol	21	*0.3	0.3	21	-	-
Salmon muscle	Nitroimidazoles	161	Not set	<5	161	-	-
Trout muscle	Nitroimidazoles	21	Not set	<5	21	-	-
Salmon muscle	Nitrofurans	91	*1	1	91	-	-
Trout muscle	Nitrofurans	13	*1	1	13	-	-
Salmon muscle	Antimicrobial screen	84	Various	Various	82	-	1010, 1880 OTC) <sup>a</sup>
Trout muscle	Antimicrobial screen	10	Various	Various	1	-	-
Barramundi Muscle	Antimicrobial screen	1	Various	Various	1	-	-
Carp Muscle	Antimicrobial screen	2	Various	Various	2	-	-
Tilapia Muscle	Antimicrobial screen	3	Various	Various	2	-	(90 (OTC) <sup>a</sup>
Salmon muscle	Quinolones	84	Various	Various	84	-	-
Trout muscle	Quinolones	10	Various	Various	10	-	-
Salmon muscle	Tetracyclines	84	100	>100	82	-	300, 530 (OTC) <sup>a</sup>
Trout muscle	Tetracyclines	10	100	>	10	-	-
Salmon muscle	Florfenicol	84	1000	>1000	84	-	-
Salmon muscle	Avermectins	155	100 <sup>b</sup>	Various	155	-	-
Trout muscle	Avermectins	6	100 <sup>b</sup>	Various	6	-	-
Salmon muscle	Benzimidazoles	71	Not set	Various	71	-	-
Trout muscle	Benzimidazoles	12	Not set	Various	12	-	-
Salmon muscle	Pyrethroids	103	Various	Various	103	-	-
Salmon muscle	Organochlorines/ PCBs	8	Not set	Various	8	11,16, 26 <sup>c</sup> (ppDDE) 14 <sup>c</sup> (Dieldrin) 13 <sup>c</sup> ( PCB 153)	-
Trout muscle	Organochlorines/ PCBs	6	Not set	Various	6	-	-
Salmon muscle	Organophosphates	35	Not set	Various	35	-	-
Salmon muscle	Cadmium	8	50	>50	8	-	-
Trout muscle	Cadmium	6	50	>50	6	-	-
Salmon muscle	Lead	8	200	>200	8	-	-
Trout muscle	Lead	6	200	>200	6	-	-

Sample	Analyte	Number of samples analysed	MRL/* MRPL where set (µg/kg)	Decision limit/ Action level (µg/kg)	Less than DECISION LIMIT/ 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	Mercury	8	500	>500	8	-	-
Trout muscle	Mercury	6	500	>500	6	-	-
Salmon muscle	Aflatoxins	8	Not set	0.05	8	-	-
Trout muscle	Aflatoxins	6	Not set	0.05	6	-	-
Salmon muscle	Malachite green/crystal violet	131	*2 <sup>d</sup>	2	131	-	-
Salmon muscle	Leucomalachite green/crystal violet	131	*2 <sup>d</sup>	2	130	-	<b>10</b>
Trout muscle	Malachite green	108	*2 <sup>d</sup>	2	107	1 <sup>e</sup>	-
Trout muscle	Leucomalachite green	108	*2 <sup>d</sup>	2	107	-	<b>6</b>
Tilapia muscle	Malachite green	2	*2 <sup>d</sup>	2	2	-	-
Tilapia muscle	Leucomalachite green	2	*2 <sup>d</sup>	2	2	-	-

a = Fish were under withdrawal for treatment at the time of sampling

b = MRL for emamectin

c = One sample contained residues of pppDDE, Dieldrin and PCB 153

d = MRPL is the sum of malachite green and leucomalachite green

e = Residue confirmed below the action level.

## 2007 UK Statutory Surveillance Results for Red Meat in Detail

Sample	Analyte	Number of samples analysed	Reference Point (µg/kg)		Less than Decision limit	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)
			Not set	<1			
Cattle urine OF+ SH	DES, Hexoestrol, Dienoestrol	333	Not set	<1	333	-	-
Cattle liver	DES, Hexoestrol, Dienoestrol	1	Not set	<1	1	-	-
Pig urine SH	DES, Hexoestrol, Dienoestrol	92	Not set	<1	92	-	-
Sheep urine SH	DES, Hexoestrol, Dienoestrol	82	Not set	<1	82	-	-
Cattle serum OF	Thyrostats	127	Not set	<10-<50	127	-	-
Cattle Urine SH	Thyrostats	206	Not set	<10-<50	206	-	-
Pigs urine SH	Thyrostats	89	Not set	<10-<50	89	-	-
Sheep urine SH	Thyrostats	80	Not set	<10-<50	80	-	-
Cattle urine OF + SH	Boldenone	445	Not set	<1	443	-	2 <sup>a</sup> , 17 <sup>a</sup>
Cattle serum OF	Gestagens	209	Not set	<0.3	209	-	-
Cattle kidney fat SH	Gestagens	339	Not set	<1-<5	339	-	-
Pig kidney fat SH	Altrenogest	85	1( MRL)		85	-	-
Sheep kidney fat SH	Gestagens	88	Not set	<1-<5	88	-	-
Pig feed OF	Methyltestosterone	20	Not Set	20	20	-	-
Pig urine SH	Methyltestosterone	95	Not Set	2	95	-	-
Sheep urine SH	Methyltestosterone	88	Not set	2	88	-	-
Cattle urine OF + SH	Nortestosterone	606	Not set	0.5	591	-	3, 5 <sup>b</sup> , 6 <sup>b</sup> , 6 <sup>b</sup> , 8 <sup>b</sup> , 10 <sup>b</sup> , 12 <sup>b</sup> , 14 <sup>b</sup> , 17 <sup>b</sup> , 20 <sup>b</sup> , 20 <sup>b</sup> , 26 <sup>b</sup> , 30 <sup>b</sup> , 50 <sup>b</sup> , 80 <sup>b</sup>
Sheep urine SH	Nortestosterone	172	Not set	0.5/5	159	0,2, 0.4, 0.7, 0.8, 0.8, 0.8, 0.9	1, 1, 1, 1, 1.1, 1.2, 1.2, 2, 2, 3, 4, 4, 6
Cattle serum OF+ SH	Oestradiol	535	Not set	0.04	535	-	-
Cattle serum OF + SH	Progesterone	237	Not set	<2	230	-	0.6 <sup>c</sup> , 0.6 <sup>c</sup> , 0.7 <sup>c</sup> , 0.7 <sup>c</sup> , 1 <sup>c</sup> , 1 <sup>c</sup> , 1.5 <sup>c</sup>
Cattle serum OF+ SH	Testosterone	543	Not set	0.2	543	-	-
Cattle urine OF + SH	Trenbolone	652	Not set	2	652	-	-
Pig urine SH	Trenbolone	88	Not set	2	88	-	-
Sheep urine SH	Trenbolone	174	Not set	2	174	-	-
Cattle urine OF+ SH	Zeranol	330	Not set	0.5	328	-	0.9 <sup>d</sup> , 2 <sup>d</sup>

Sample	Analyte	Number of samples analysed	MRL/* MRPL where set (µg/kg)	DECISION LIMIT/ Action level (µg/kg)	Less than DECISION LIMIT/ 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)
Pig urine SH	Zeranol	168	Not set	0.5	168	-	-
Sheep urine	Zeranol	80	Not set	0.5	80	-	-
Cattle urine/feed OF	β-agonists	206/158	Not set	0.4/10	206/158	-	-
Cattle liver SH	β-agonists	685	Not set	0.2	685	-	-
Calf liver SH	β-agonists	16	Not set	0.2	16	-	-
Pig feed OF	β-agonists	39	Not set	10	39	-	-
Pig liver SH	β-agonists	329	Not set	0.2	329	-	-
Sheep liver SH	β-agonists	301	Not set	0.2	301	-	-
Horse liver SH	β-agonists	5	Not set	0.2	5	-	-
Cattle urine/feed OF	Chloramphenicol	34/114	Not set	0.3/1000	34/114	-	-
Cattle kidney SH	Chloramphenicol	303	*0.3	0.3	303	-	-
Calf kidney SH	Chloramphenicol	16	*0.3	0.3	16	-	-
Pig kidney SH	Chloramphenicol	223	*0.3	0.3	223	-	-
Sheep kidney SH	Chloramphenicol	157	*0.3	0.3	157	-	-
Cattle kidney SH	Dimetridazole/ ronidazole	90	Not set	5	90	-	-
Calf kidney SH	Dimetridazole/ ronidazole	9	Not set	5	9	-	-
Pig feed OF	Dimetridazole/ ronidazole	14	Not set	100	14	-	-
Pig kidney SH	Dimetridazole/ ronidazole	209	Not set	5	209	-	-
Sheep kidney SH	Dimetridazole/ ronidazole	109	Not set	5	109	-	-
Horse kidney	Dimetridazole/ ronidazole	5	Not set	5	5	-	-
Cattle kidney SH	Nitrofurans	220	*1	1	220	-	-
Calf kidney SH	Nitrofurans	9	*1	1	9	-	-
Pig kidney SH	Nitrofurans	286	*1	1	286	-	-
Sheep kidney SH	Nitrofurans	249	*1	1	249	-	-
Cattle feed OF	Nitrofurans	111	Not set	2,500-5,000	111	-	-
Pig feed OF	Nitrofurans	11	Not set	2,500-5,000	11	-	-
Cattle kidney SH	Antimicrobial screen <sup>e</sup>	1288	Various	Various	1286	-	870 (Tylosin) 19000 (Neomycin B) 1900 (Dihydro-streptomycin)

Sample	Analyte	Number of samples analysed	MRL/* MRPL where set (µg/kg)	DECISION LIMIT/ Action level (µg/kg)	Less than DECISION LIMIT/ 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)
Calf kidney SH	Antimicrobial screen <sup>e</sup>	136	Various	Various	131	-	1430, 9800 (OTC) 20000, 20300, 31200 (Dihydro-Streptomycin)
Goats kidney SH	Antimicrobial screen <sup>e</sup>	10	Various	Various	10	-	-
Horse kidney SH	Antimicrobial screen <sup>e</sup>	5	Various	Various	5	-	-
Pig kidney SH	Antimicrobial screen <sup>e</sup>	792	Various	Various	790	CTC 570	1780, 2100 (CTC)
Sheep kidney SH	Antimicrobial screen <sup>e</sup>	2782	Various	Various	2782	OTC 540	-
Calf kidney SH	Florfenicol	92	300	150	90	320	390, 490.
Cattle kidney SH	Sulphonamides	162	100	20	162	-	-
Calf kidney SH	Sulphonamides	50	100	20	50	70 (Sulphamethoxy-pyridazine)	-
Pig kidney SH	Sulphonamides	790	100	20	786	90 (Sulphadiazine)	130, 330, 940, 2700 (Sulphadiazine)
Sheep kidney SH	Sulphonamides	132	100	20	132	-	-
Cattle liver SH	Avermectins	310	Various	7.5	310	22, 50 (Ivermectin)	-
Goats liver SH	Avermectins	12	Various	7.5	12	-	-
Horse liver SH	Avermectins	5	Various	25	5	-	-
Pig liver SH	Avermectins	170	Various	7.5	170	-	-
Sheep liver SH	Avermectins	593	Various	7.5	592	-	122 (Doramectin)
Cattle liver SH	Benzimidazoles	224	Various	20-100	224	-	-
Pig liver SH	Benzimidazoles	172	Various	20-100	172	-	-
Sheep liver SH	Benzimidazoles	590	Various	20-100	590	-	-
Cattle liver SH	Levamisole	214	100	50	214	-	-
Sheep liver SH	Levamisole	284	100	50	284	-	-
Calf liver SH	Ionophores	39	Not set	5-20	39	-	-
Pig liver SH	Ionophores	98	Not set	5-20	98	-	-
Sheep liver SH	Ionophores	341	Not set	5-20	341	10 (Salinomycin) 50 (Lasalocid)	-
Calf Kidney Fat	Pyrethroids/ Carbamates	12	Various	50	12	-	-
Cattle kidney fat SH	Pyrethroids/ Carbamates	59	Various	50	59	-	-
Pig Kidney fat	Pyrethroids	61	Various	50	61	-	-

Sample	Analyte	Number of samples analysed	Reference point (µg/kg)		Less than Decision limit/ Action level	Concentration detected where samples were below the MRL/MRPL/ Decision limit/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/ Action Level (µg/kg)
Sheep Kidney fat	Pyrethroids	587	Various		587	-	-
Cattle kidney/liver SH	Sedatives	34	15 Carazolol	5-25	34	-	-
Pig kidney/liver SH	Sedatives	162	100 Azaperone	5-25	162	-	-
Sheep liver/kidney SH	Sedatives	95	Not set	5-25	95	-	-
Pig liver SH	Carazolol	162	25 (MRL)		162	-	-
Cattle plasma SH	Phenylbutazone	250	≤5 (detection capability)		249	-	6
Horse plasma SH	Phenylbutazone	30	≤5 (detection capability)		29	-	2 <sub>f</sub>
Cattle liver/kidney SH	NSAIDS	363	Various		363	-	-
Pig kidney	NSAIDS	32	Various		32	-	-
Sheep kidney	NSAIDS	57	Not set 500		57	-	-
Cattle liver SH	Aflatoxins	24	≤0.5(detection capability)		24	-	-
Sheep liver SH	Aflatoxins	10	≤0.5 (detection capability)		10	-	-
Pigs SH	Ochratoxin A	60			60	-	-
Cattle urine/liver SH	Glucocorticoids	338	2 (MRL dexamethasone)		338	-	-
Pig urine/liver SH	Glucocorticoids	40	2 (MRL dexamethasone)		40	-	-
Sheep urine/liver SH	Glucocorticoids	19	≤1 (detection capability)		19	-	-
Pig feed OF	Carbadox	2	NI data		2	-	-
Cattle kidney fat SH	Organochlorines/ PCBs	67	Various		67	-	-
Pig kidney fat SH	Organochlorines/ PCBs	58	Various		58	-	-
Sheep kidney fat SH	Organochlorines/ PCBs	134	Various		134	-	-
Cattle kidney fat SH	Organophosphates	257	Various		257	-	-
Pig kidney fat SH	Organophosphates	128	Various		128	-	-
Sheep kidney fat SH	Organophosphates	600	Various 700 (MRL Diazinon)		582	21, 23, 24, 34, 34, 39, 40, 43, 49, 50, 67, 67, 72, 73, 76, 97, 198, 288 (Diazinon)	-

Sample	Analyte	Number of samples analysed	Reference point (µg/kg)	Less than Decision limit 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	Cadmium	79	1,000 (MRL)	19	150, 156, 160, 187, 190, 200, 230, 236, 250, 260, 260, 260, 260, 280, 313, 320, 324, 330, 330, 340, 340, 410, 430, 430, 460, 460, 490, 500, 510, 520, 540, 560, 570, 590, 590, 600, 620, 630, 660, 690, 705, 720, 720, 721, 730, 730, 760, 820, 880, 910, 950, 962	<b>1030, 1060, 1060, 1150, 1160, 1180, 1383, 1630, 2420.</b>
Goat kidney SH	Cadmium	5	1,000 (MRL)	3	30, 180, 500	-
Pig kidney SH	Cadmium	11	1,000 (MRL)	3	160, 160, 190, 244, 290, 310, 310, 346.	-
Sheep kidney SH	Cadmium	51	1,000 (MRL)	47	10, 10, 16, 20, 20, 30, 40, 40, 50, 50, 60, 70, 70, 70, 80, 90, 100, 120, 130, 140, 150, 190, 380,	<b>1730, 2040, 2530, 2990.</b>
Cattle Muscle SH	Cadmium <sub>g</sub>	11	50 (MRL)	11	46, 48	-
Pig Muscle SH	Cadmium <sub>g</sub>	1	50 (MRL)	1	-	-
Sheep Muscle SH	Cadmium <sub>g</sub>	2	50 (MRL)	2	-	-
Cattle kidney SH	Lead	79	500 (MRL)	78	40. 40, 40, 40, 40, 50, 50, 50, 60, 60, 60, 60, 60, 60, 70, 70, 70, 70, 80, 80, 80. 90, 90, 90, 90, 90, 100, 100, 100, 120, 120, 130, 140, 140, 150, 150, 160, 160, 160, 170, 170, 190, 190, 210, 210, 230, 233, 280, 290, 290, 360, 380, 470,	<b>860</b>
Goat kidney SH	Lead	5	500 (MRL)	5	30, 50, 60	-
Pig kidney SH	Lead	11	500 (MRL)	11	10, 10, 30, 140, 346	-
Sheep kidney SH	Lead	49	500 (MRL)	46	16, 30, 30, 30, 40, 40, 50, 50, 60, 70, 70, 90, 90, 90, 90, 100, 100, 110, 130, 140, 170, 230, 270, 280, 300, 520	<b>1060, 1720, 2040</b>
Cattle Muscle SH <sub>g</sub>	Lead	11	100 (MRL)	10	-	<b>110</b>
Pig Muscle SH <sub>g</sub>	Lead	1	100 (MRL)	1	-	-
Sheep Muscle SH <sub>g</sub>	Lead	2	100 (MRL)	2	-	-

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

<sup>a</sup> European Commission advice is that the presence of unconjugated alpha-boldenone or beta-boldenone is considered to be evidence of faecal contamination which is more likely in samples collected on farm.

<sup>b</sup> Animals were female. Nortestosterone can occur naturally in female cattle which are pregnant or have recently calved.

<sup>c</sup> 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

<sup>d</sup> The samples also contained residues of fungal metabolites. Research has shown that zeranol and the fungal metabolites may be present in the urine of animals that have ingested feedingstuffs contaminated with toxins of the fusarium fungus. Based on a statistical model developed by the National Reference Laboratory the residues found this sample are likely to be the result of feed contamination rather than the abuse of zeranol.

<sup>e</sup> 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

<sup>f</sup> This sample was confirmed as non-compliant

<sup>g</sup> These samples were taken in Northern Ireland

## 2007 UK Statutory Surveillance Results for Poultry in Detail

Sample	Analyte	Number of samples analysed	MRL/* MRPL where set (µg/kg)	DECISION LIMIT/ Action level (µg/kg)	Less than DECISION LIMIT/ 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	21/144	Not set	2	21/144	-	-
Duck liver SH	DES, Hexoestrol, Dienoestrol	4	Not set	2	4	-	-
Hen liver SH	DES, Hexoestrol, Dienoestrol	6	Not set	2	6	-	-
Turkey serum/liver SH	DES, Hexoestrol, Dienoestrol	1/21	Not set	2	1/21	-	-
Broiler serum/liver SH	Trenbolone	21/143	Not set	2	21/143	-	-
Duck liver SH	Trenbolone	5	Not set	2	5	-	-
Hen liver SH	Trenbolone	10	Not set	2	10	-	-
Turkey liver SH	Trenbolone	21	Not set	2	21	-	-
Broiler serum/liver SH	Zeranol	29/185	Not set	2	29/185	-	-
Duck liver SH	Zeranol	7	Not set	2	7	-	-
Hen liver SH	Zeranol	9	Not set	2	9	-	-
Turkey liver SH	Zeranol	1/28	Not set	2	1/28	-	-
Broiler feed OF	β-agonists	154	Not set	10	154	-	-
Duck feed OF	β-agonists	9	Not set	10	9	-	-
Hen feed OF	β-agonists	7	Not set	10	7	-	-
Turkey feed OF	β-agonists	20	Not set	10	20	-	-
Broiler liver SH	β-agonists	494	Not set	0.2	494	-	-
Duck liver SH	β-agonists	15	Not set	0.2	15	-	-
Hen liver SH	β-agonists	18	Not set	0.2	18	-	-
Turkey liver SH	β-agonists	65	Not set	0.2	65	-	-
Broiler muscle SH	Chloramphenicol	848	*0.3	0.3	848	-	-
Duck muscle SH	Chloramphenicol	28	*0.3	0.3	27	-	<b>0.4</b>
Hen muscle SH	Chloramphenicol	33	*0.3	0.3	33	-	-
Turkey muscle SH	Chloramphenicol	120	*0.3	0.3	120	-	-
Broiler feed OF	Dimetridazole/ ronidazole	153	*0.3	100	153	-	-

Sample	Analyte	Number of samples analysed	MRL/* MRPL where set (µg/kg)	DECISION LIMIT/ Action level (µg/kg)	Less than DECISION LIMIT/ 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)
Duck feed OF	Dimetridazole/ ronidazole	9	Not set	100	9	-	-
Hen feed OF	Dimetridazole/ ronidazole	10	Not set	100	10	-	-
Turkey feed OF	Dimetridazole/ ronidazole	22	Not set	100	22	-	-
Broiler liver SH	Dimetridazole/ ronidazole	794	Not set	5	794	-	-
Duck liver SH	Dimetridazole/ ronidazole	24	Not set	5	24	-	-
Hen liver SH	Dimetridazole/ ronidazole	32	Not set	5	32	-	-
Turkey liver SH	Dimetridazole/ ronidazole	111	Not set	5	111	-	-
Broiler feed OF	Nitrofurans	150	1	2,500	150	-	-
Duck feed OF	Nitrofurans	8	1	2,500	8	-	-
Hen feed OF	Nitrofurans	7	1	2,500	7	-	-
Turkey feed OF	Nitrofurans	23	1	2,500	23	-	-
Broiler muscle SH	Nitrofurans	910	*1	0.3-1	910	-	-
Duck muscle SH	Nitrofurans	28	*1	0.3-1	28	-	-
Hen muscle SH	Nitrofurans	33	*1	0.3-1	33	-	-
Turkey muscle SH	Nitrofurans	119	*1	0.3-1	119	-	-
Broiler muscle SH	Antimicrobial screen	1158	Various	Various	1157	-	<b>350(CTC)</b>
Duck muscle SH	Antimicrobial screen	34	Various	Various	34	-	-
Hens muscle SH	Antimicrobial screen	46	Various	Various	46	-	-
Turkey muscle SH	Antimicrobial screen	164	Various	Various	164	-	-
Broiler muscle SH	Quinolones	459	Various	10	459	-	-
Duck muscle SH	Quinolones	11	Various	10	11	-	-
Hens muscle SH	Quinolones	18	Various	10	18	-	-
Turkey muscle SH	Quinolones	65	Various	10	65	-	-
Broiler muscle SH	Sulphonamides	295	100	50	295	-	-
Duck muscle SH	Sulphonamides	7	100	50	7	-	-
Hen muscle SH	Sulphonamides	11	100	50	11	-	-
Turkey muscle SH	Sulphonamides	40	100	50	40	-	-

Sample	Analyte	Number of samples analysed	MRL/* MRPL where set (µg/kg)	DECISION LIMIT/ Action level (µg/kg)	Less than DECISION LIMIT/ 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 liver SH	Benzimidazoles	132	Not set	10-200	132	-	-
Duck liver SH	Benzimidazoles	10	Not set	50-200	10	-	-
Hen liver SH	Benzimidazoles	11	Not set	50-200	11	-	-
Turkey liver SH	Benzimidazoles	39	Not set	50-200	39	-	-
Broiler liver SH	Levamisole	132	100	25	132	-	-
Duck liver SH	Levamisole	12	100	25	12	-	-
Hen liver SH	Levamisole	12	100	25	12	-	-
Turkey liver SH	Levamisole	41	100	25	41	-	-
Broiler liver SH	Ionophores	320	Various	2-50	319	4 (Salinomycin) 7 (Monensin)	<b>740(Lasalocid)</b>
Hen liver SH	Ionophores	10	Not set	2-50	10	-	-
Turkey liver SH	Ionophores	42	Not set	2-50	42	-	-
Broiler liver SH (GB)	Nicarbazin	268	200 <sup>a</sup>	100	251	100, 100, 100, 110, 110, 110, 120, 120, 120, 120, 130, 130, 130, 140, 140, 150, 150, 160, 160, 160, 170, 170, 180, 180, 180, 180, 190, 200, 200, 210,	<b>240, 250, 250, 280, 290, 310, 320, 350, 540, 560, 760, 1200, 1300, 1400, 1400, 1800, 3000</b>
Broiler muscle SH (GB)	Nicarbazin	129	200 <sup>a</sup>	100	128	10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 12, 16, 20, 20, 20, 20, 20, 20, 20, 30, 30, 50, , 59, 60, 70, 100, 110.	<b>230</b>
Broiler Liver SH (N Ireland)	Nicarbazin	40	Not set	1	37	8,19, 30, 49, 40, 55, 82, 89, 106, 145	<b>260, 435, 605</b>
Broiler Muscle SH (N Ireland)	Nicarbazin	40	Not set	1	40	12, 16, 59	
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	-	-

Sample	Analyte	Number of samples analysed	MRL/* MRPL where set (µg/kg)	DECISION LIMIT/ Action level (µg/kg)	Less than DECISION LIMIT/ 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 liver SH	Organochlorines/ PCBs	234	Various	10	234	23 (Endosulfan)	-
Duck liver SH	Organochlorines/ PCBs	8	Various	10	8	-	-
Hen liver SH	Organochlorines/ PCBs	11	Various	10	11	-	-
Turkey liver SH	Organochlorines/ PCBs	33	Various	10	33	-	-
Broiler liver SH	Cadmium	27	500	250	27	10, 10, 10, 10, 20, 20, 20, 20, 30, 30, 30, 40, 50, 60, 70, 80	-
Broiler muscle SH	Cadmium	65			65	-	-
Duck muscle SH	Cadmium	2			2	-	-
Hen muscle SH	Cadmium	2			2	-	-
Turkey liver SH	Cadmium	1	500	250	1	400	-
Turkey muscle SH	Cadmium	5			5	-	-
Broiler liver SH	Lead	27	500	250	27	-	-
Broiler muscle SH	Lead	65			65	-	-
Duck muscle SH	Lead	2			2	-	-
Hen muscle SH	Lead	2			2	-	-
Turkey liver SH	Lead	1	500	250	1	-	-
Turkey muscle SH	Lead	5			5	-	-
Broiler liver SH	Aflatoxins	10	Not set	0.05	10	-	-
Duck liver SH	Aflatoxins	1	Not set	0.05	1	-	-
Hen liver SH	Aflatoxins	1	Not set	0.05	1	-	-
Turkey liver SH	Aflatoxins	5	Not set	0.05	5	-	-
<b>Key:</b>							
SH =	Slaughterhouse						
OF =	On farm						
<sup>a</sup> =	reporting level (JECFA MRL)						

## 2007 UK Statutory Surveillance Results for Eggs in Detail

Sample	Analyte	Number of samples analysed	MRL/ *MRPL where set (µg/kg)	DECISION LIMIT/ Action level (µg/kg)	Less than DECISION LIMIT/ 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	Chloramphenicol	120	*0.3	0.3	120	-	-
Egg	Dimetridazole	121	Not set	5	121	-	-
Egg	Nitrofurans	121	1	1	121	-	-
Egg	Antimicrobial screen including sulphonamides	250	200 (CTC)	Various	250	30 (OTC)	-
Egg	Tetracyclines	120	200 CTC	70	120	-	-
Egg	Benzimidazoles	19	400 (flubendazole)	25	19	-	-
Egg	Ionophores	245	150 (lasalocid)	Various	245	100, 110, (Lasalocid)	-
Egg	Nicarbazin	220	Not set	40	218		<b>40, 60</b>
Egg	Pyrethroids	17	Not set	Various	17	-	-
Egg	OCs/PCBs	41	Various	2	41	12 (pp-DDE) ,	-

## 2007 GB Statutory Surveillance Results for Honey in Detail

Sample	Analyte	Number of samples analysed	MRL/ *MRPL where set (µg/kg)	DECISION LIMIT/ Action level (µg/kg)	Less than DECISION LIMIT/ 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)
Honey	Antimicrobial screen	24	Not set	Various	24	-	-
Honey	Macrolides	16	Not set	Various	16	-	-
Honey	Chloramphenicol	11	*0.3	0.3	11	-	-
Honey	Nitrofurans	11	*1	1	11	-	-
Honey	Streptomycin	21	Not set	25	21	-	-
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	10	Not set	10	10	-	-
Honey	Naphthalene	10	Not set	10	8	-	<b>88, 120</b>
Honey	Cadmium & Lead	10	200	5	10	-	-

## 2007 UK Statutory Surveillance Results for Milk in Detail

Sample	Analyte	Number of samples analysed	MRL/ *MRPL where set (µg/kg)	DECISION LIMIT/ Action level (µg/kg)	Less than DECISION LIMIT/ 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	343	*0.3	0.3	343	-	-
Milk	Dimetridazole	347	Not set	5	347	-	-
Milk	Antimicrobial	683	Various	Various	683	-	-
Milk	Cephalosporins	383	Various	Various	383	-	-
Milk	Quinolones	301	Various	Various	301	-	-
Milk	Sulphonamides <sup>a</sup>	25	100	50	25	-	-
Milk	Avermectins	316	20-40 <sup>b</sup>	20-40	316	-	-
Milk	Benzimidazoles	112	Various	Various	112	-	-
Milk	Levamisole	112	Not set	5	112	-	-
Milk	Phenylbutazone	210	Not set	50	210	-	-
Milk	Organochlorines/ PCBs	46	Various	0.4	46	-	-
Milk	Organophosphates	33	20 <sup>c</sup>	1	33	-	-
Milk	Cadmium	38	1,000	1	38	-	-
Milk	Lead	38	20	5	38	-	-
Milk	Aflatoxins	121	0.05	Various	121	-	-

### Key:

<sup>a</sup> = Northern Ireland samples where a separate test is run for sulphonamides. Antimicrobial screening test used in GB covers sulphonamides.

<sup>b</sup> = MRLs for eprinomectin and moxidectin respectively.

<sup>c</sup> = MRL for diazinon

## 2007 GB Statutory Surveillance Results for Wild and Farmed Game In Detail

Sample	Analyte	Number of samples analysed	MRL/ *MRPL where set (µg/kg)	Decision limit/ Action level (µg/kg)	Less than Decision limit/ 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	5	Not set	0.5	5	-	-
Farmed deer liver SH	Beta-agonists	5	Not set	0.25-1.0	5	-	-
Partridge muscle SH	Dimetridazole, ronidazole metronidazole	15	Not set	7.5	15	-	-
Pheasant muscle SH	Dimetridazole, ronidazole metronidazole	15	Not set	7.5	15	-	-
Farmed deer kidney SH	Antimicrobial Screen	21	Various	Various	21	-	-
Deer liver SH	Avermectins	4	100 Doramectin Ivermectin	50	4	-	-
Farmed deer liver SH	Levamisole	5	Not set	50	5	-	-
Partridge Muscle SH	Ionophores	8	Not set	50	8	-	-
Pheasant Muscle SH	Ionophores	8	Not set	50	8	-	-
Farmed deer liver SH	Carbamates	5	Not set	20	5	-	-
Farmed deer liver SH	NSAIDs	4	Not set	500	4	-	-
Farmed deer kidney fat SH	OC/PCBs	5	Various	Various	5	-	-
Farmed deer muscle SH	Cadmium	6	1,000	500	6	-	-
Wild deer muscle SH	Cadmium	56	1,000	500	56	-	-
Partridge Muscle SH	Cadmium	5	1,000	500	5	-	-
Pheasant Muscle SH	Cadmium	5	1,000	500	5	-	-
Farmed deer muscle SH	Lead	6	10,000	300	56	-	-
Wild deer muscle SH	Lead	56	10,000	300	56	400, 4160	-
Partridge Muscle SH	Lead	5	10,000	300	4	4600	<b>16000</b>
Pheasant Muscle SH	Lead	5	10,000	300	5	390, 850	-

Key:

\* = Reporting limit