

## Northern Ireland 2012 Milk Results

Group of substances	Compounds	Species	Matrix	MRL (µg/kg)	Planned Numbers	Number analysed	Number Less than LOQ	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)	Note
A6	Chloramphenicol	Bovine	Milk	Not set	96	97	97	-	-	
B1	Antibacterial substances	Bovine	Milk	Various	48	97	97	-	-	
B1	Aminoglycosides	Bovine	Milk	Various	29	97	97			
B1	Cephalosporins	Bovine	Milk	Various	15	97	97	-	-	
B1	Quinolones	Bovine	Milk	100	34	97	97	-	-	
B1	Sulphonamides	Bovine	Milk	100	48	49	49	-	-	
B2a	Avermectins	Bovine	Milk	Not set	52	99	99	-		
B2a	Benzimidazoles	Bovine	Milk	Various	10	68	68	-	-	
B2a	Levamisole	Bovine	Milk	Not set	10	68	68	-	-	
B2a	Nitroxylnil	Bovine	Milk	Not set	21	74	74			
B2e	Phenylbutazone	Bovine	Milk	Not Set	26	16	16	-	-	
B2e	Flunixin	Bovine	Milk	40	12	13	13	-	-	
B3a	Organochlorines/ PCBs	Bovine	Milk	Not set	8	8	8	-	-	
B3b	Organophosphates	Bovine	Milk	Not set	5	5	5	-	-	
B3c	Cadmium	Bovine	Milk	Not set	3	3	0	0.23, 0.3, 0.34		
B3c	Lead	Bovine	Milk	20	3	3	3	-	-	
B3d	Aflatoxin M1	Bovine	Milk	0.05	5	3	3	-	-	

Group of substances	Compounds	Species	Matrix	MRL (µg/kg)	Planned Numbers	Number analysed	Number Less than LOQ	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)	Note
A6	Chloramphenicol	Caprine	Milk	Not set	2	2	2	-	-	
B1	Antibacterial substances	Caprine	Milk	Various	2	3	3	-	-	
B1	Cephalosporins	Caprine	Milk	Various	2	3	3	-	-	
B1	Quinolones	Caprine	Milk	100	1	3	3	-	-	
B1	Sulphonamides	Caprine	Milk	100	2	3	3	-	-	
B2a	Avermectins	Caprine	Milk	Not set	1	3	3	-	-	
B2a	Benzimidazoles	Caprine	Milk	Various	1	3	3	-	-	
B3a	Organochlorines/ PCBs	Caprine	Milk	Not set	1	1	1	-	-	

## Northern Ireland 2012 Egg Results

Group of substances	Compounds	Matrix	MRL (µg/kg)	Planned Numbers	Number analysed	Number Less than LOQ	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)	Note
A6	Chloramphenicol	Eggs	Not Set	15	15	15			
A6	Nitroimidazoles	Eggs	Not Set	15	15	15			
A6	Nitrofurans	Eggs	Not Set	15	15	15			
B1	Antimicrobial Screen	Eggs	Various	18	38	38			
B1	Quinolones	Eggs	Various	9	38	38			
B1	Sulphonamides	Eggs	Not Set	9	10	10			
B2b	Nicarbazin	Eggs	100	33	20	20			
B2b	Ionophores	Eggs	Various	33	20	20			
B3a	Organochlorines/PCBs	Eggs	Various	6	4	4			

## Northern Ireland 2012 Fish Results

Group of substances	Compounds	Species	Matrix	MRL µg/kg	Planned Numbers	Number analysed	Number Less than LOQ	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)	Note
A6	Chloramphenicol	Trout	Skin + muscle	Not Set	2	1	1			
B3e	Dyes	Trout	Skin + muscle	Not Set	6	7	7	-	-	
B3e	Dyes	Salmon	Skin + muscle	Not Set	2	2	2	-	-	

## Northern Ireland 2012 Poultry Results On farm

Group of substances	Compounds	Species	Matrix	MRL µg/kg	Planned Numbers	Number analysed	Number Less than LOQ	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)	Note
A5	Beta-agonists	Broilers	Feed	Not set	16	16	16			
A5	Beta-agonists	Turkeys	Feed	Not set	2	2	2			
A6	Nitroimidazoles	Broilers	Feed	Not set	27	28	28			
A6	Nitroimidazoles	Turkeys	Feed	Not set	2	2	2			
A6	Nitrofurans	Broilers	Feed	Not set	27	24	24			
A6	Nitrofurans	Turkeys	Feed	Not set	3	2	2			
<b>Total Samples</b>					<b>77</b>					

## Northern Ireland 2012 Poultry Results Slaughterhouse

Group of substances	Compounds	Species	Material	MRL µg/kg	Nos Samples Northern Ireland	Number analysed	Number Less than LOQ	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)	Note
A1	DES	Broilers	Liver/serum	Not set	16	16	16			
A1	DES	Turkeys	Liver/serum	Not set	1	1	1			
A3	Trenbolone	Broilers	Liver/serum	Not set	16	16	16			
A3	Trenbolone	Turkeys	Liver/serum	Not set	2	2	2			
A4	Zeranol	Broilers	Liver/serum	Not set	23	23	23			
A4	Zeranol	Turkeys	Liver/serum	Not set	1	1	1			
A5	B-agonists	Broilers	Liver	Not set	35	35	35			
A6	B-agonists	Hens	Liver	Not set	1	1	1			
A5	B-agonists	Turkeys	Liver	Not set	2	2	2			
A6	Chloramphenicol	Broilers	Muscle	Not Set	52	53	53			
A6	Chloramphenicol	Hens	Muscle	Not Set	1	1	1			
A6	Chloramphenicol	Turkeys	Muscle	Not Set	2	2	2			
A6	Nitroimidazoles	Broilers	Liver	Not Set	90	87	87			
A6	Nitroimidazoles	Hens	Liver	Not Set	3	3	3			
A6	Nitroimidazoles	Turkeys	Liver	Not Set	6	6	6			
A6	Nitrofurans	Broilers	Muscle	Not Set	52	51	51			
A6	Nitrofurans	Hens	Muscle	Not Set	2	2	2			
A6	Nitrofurans	Turkeys	Muscle	Not Set	13	11	11			

## Northern Ireland 2012 Poultry Results Slaughterhouse

Group of substances	Compounds	Species	Material	MRL µg/kg	Nos Samples Northern Ireland	Number analysed	Number Less than LOQ	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)	Note
B1	Antimicrobial Screen	Broilers	Muscle	Various	138	139	139			
B1	Antimicrobial Screen	Hens	Muscle	Various	2	2	2			
B1	Antimicrobial Screen	Turkeys	Muscle	Various	10	13	13			
B1	Sulphonamides	Broilers	Muscle	100	34	34	34			
B1	Sulphonamides	Hens	Muscle	100	1	1	1			
B1	Sulphonamides	Turkeys	Muscle	100	2	2	2			
B1	Quinolones	Broilers	Muscle	Various	52	52	52			
B1	Quinolones	Turkeys	Muscle	Various	3	3	3			
B2a	Benzimidazoles	Broilers	Liver	Various	15	26	26			
B2a	Benzimidazoles	Hens	Liver	Various	1	1	1			
B2a	Benzimidazoles	Turkeys	Liver	Various	4	4	4			
B2a	Levamisole	Broilers	Liver	100	15	30	30			
B2b	Nicarbazin	Broilers	Liver	15,000	36	70	70			
B2b	Ionophores	Broilers	Liver	Not Set	36	70	70			
B2b	Ionophores	Turkeys	Liver	Not Set	2	2	2			
B2c	Carbamates/Pyrethroids	Broilers	Liver	Not Set	8	8	8			
B2c	Carbamates/Pyrethroids	Turkeys	Liver	Not Set	1	1	1			
B3a	Organochlorines/PCBs	Broilers	Liver	Various	27	27	27			
B3a	Organochlorines/PCBs	Turkeys	Liver	Not set	2	2	2			
B3c	Cadmium	Broilers	Liver	500	7	7	0	15, 34, 36, 39, 40, 41, 42		
B3c	Lead	Broilers	Liver	500	7	7	7			
	Arsenic	Broilers	Liver	1000	0	7	4	8, 33, 139		
B3d	Aflatoxins	Broilers	Liver	Various	2	1	1			

## Northern Ireland 2012 Cattle Results On Farm

Group of Substances	Compounds	Matrix	Species	MRL µg/kg or µg/l	Planned Numbers	Number analysed	Number Less than LOQ	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)	Note
A1	Stilbenes	Urine	Cattle (y.b.)	Not set	23	23	23			
A1	Stilbenes	Urine	Cattle OTM	Not set	6	8	8			
A2	Thyrostats	Urine	Cattle (y.b.)	Not set	38	36	36			
A2	Thyrostats	Urine	Cattle OTM	Not set	6	9	9			
A3	Trenbolone	Urine	Cattle (all)	Not set	35	35	35			
A3	Trenbolone	Urine	Cattle OTM	Not set	12	28	28			
A3	Progesterone	Urine	Cattle (m)	Not set	0	0	0			
A3	Oestradiol	Serum	Cattle (m)	Not set	58	58	58			
A3	Testosterone	Serum	Cattle(f)	Not set	38	41	41			
A3	Testosterone	Serum	Cattle OTM	Not set	13	9	9			
A3	Nortestosterone	Urine	Cattle(y)	Not set	75	75	75			
A3	Nortestosterone	Urine	Cattle OTM	Not set	0	8	7			
A3	Methyltestosterone	Urine	Cattle (all)	Not set	0	129	129			
A3	Methyltestosterone	Urine	Cattle OTM	Not set	0	54	54			
A3	Stanozolol	Urine	Cattle (all)	Not set	0	129	129			
A3	Stanozolol	Urine	Cattle OTM	Not set	0	54	54			
A3	Gestagens	Serum	Cattle (y.b.)	Not set	38	25	25			
A3	Gestagens	Serum	Cattle OTM	Not set	13	11	11			
A3	α-Boldenone	Urine	Cattle (y.b.)	Not set	20	131	131			
A3	α-Boldenone	Urine	Cattle OTM	Not set	17	53	53			
A4	Zeranol	Urine	Cattle (y.b.)	Not set	23	17	17			
A4	Zeranol	Urine	Cattle OTM	Not set	5	10	10			
A5	Beta agonists	Feed	Cattle (y.b.)	Not set	28	30	30			
A5	Beta agonists	Feed	Cattle OTM	Not set	5	17	17			
A5	Beta agonists	Urine	Cattle (y.b.)	Not set	28	28	28			
A5	Beta agonists	Urine	Cattle OTM	Not set	5	19	19			
A6	Chloramphenicol	Urine	Cattle(all)	Not set	30	24	24			
A6	Chloramphenicol	Urine	Cattle OTM	Not set	27	21	21			
A6	Nitrofurans	Feed	Cattle(all)	Not set	29	27	27			
A6	Nitrofurans	Feed	Cattle OTM	Not set	6	8	8			

## Northern Ireland 2012 Cattle Results Slaughter House

Group of Substances	Compounds	Matrix	Species	MRL µg/kg or µg/l	Planned Numbers	Number analysed	Number Less than LOQ	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)	Note
A1	Stilbenes	Urine	Cattle (y.b)	Not Set	34	34	34			
A1	Stilbenes	Urine	Cattle OTM	Not Set	7	7	7			
A2	Thyrostats	Urine	Cattle (y.b.)	Not Set	22	19	19			
A2	Thyrostats	Urine	Cattle OTM	Not Set	7	9	9			
A3	Trenbolone	Urine	Cattle (all)	Not set	29	29	29			
A3	Trenbolone	Urine	Cattle OTM	Not Set	11	28	28			
A3	Progesterone	Urine	Cattle (m)	Not set	29	29	29			
A3	Oestradiol	Serum	Cattle (m)	Not set	34	34	34			
A3	Testosterone	Serum	Cattle(f)	Not set	33	35	35			
A3	Testosterone	Serum	Cattle OTM	Not Set	13	11	11			
A3	Nortestosterone	Urine	Cattle (y.b.)	Not set	34	34	34			
A3	Nortestosterone	Urine	Cattle OTM	Not set	0	3	3			
A3	Methyltestosterone	Urine	Cattle (all)	Not set	0	112	112			
A3	Methyltestosterone	Urine	Cows OTMS	Not set	0	28	28			
A3	Stanozolol	Urine	Cattle (all)	Not set	0	112	112			
A3	Stanozolol	Urine	Cows OTMS	Not set	0	28	28			
A3	α-Boldenone	Urine	Cattle (y.b.)	Not set	17	112	112			
A3	α-Boldenone	Urine	Cattle OTM	Not set	20	28	28			
A3	Gestagens	Kidney fat	Cattle (y.b.)	Not set	33	34	34			
A3	Gestagens	Kidney fat	Cattle OTM	Not Set	13	11	11			
A4	Zeranol	Urine	Cattle (y.b)	Not Set	32	32	32			
A4	Zeranol	Urine	Cattle OTM	Not Set	5	5	5			
A5	Beta agonists	Liver/retina	Cattle (y.b)	Not Set	83	85	85			
A5	Beta agonists	Liver/retina	Cattle OTM	Not Set	15	11	11			
A6	Chloramphenicol	Kidney	Cattle (y.b)	Not set	23	23	23			
A6	Chloramphenicol	Kidney	Cattle OTM	Not set	21	20	20			
A6	Nitroimidazoles	Kidney	Cattle (y.b)	Not set	21	20	20			
A7	Nitroimidazoles	Kidney	Cattle OTM	Not set	7	8	8			
A6	Nitrofurans	Kidney	Cattle	Not set	28	28	28			



B1	Antibacterial substances	Kidney	Calves	Various	10	0	0			
B1	Antibacterial substances	Kidney	Cattle	Various	183	220	220			
B1	Antibacterial substances	Kidney	Cattle OTM	Various	16	13	13			
B1	Sulphonamides	Kidney	Cattle	100	24	24	24			
B2a	Benzimidazoles	Liver	Cattle (all)	Various	40	95	94		<b>Amino Flubendazole 2.1</b>	<b>1</b>
B2a	Avermectins	Liver	Cattle (all)	Various	56	110	110			
B2a	Levamisole	Liver	Cattle (all)	100	39	100	100			
B2c	Pyrethroids	Kidney fat	Cattle	Various	7	7	7			
B2d	Sedatives	Kidney	Cattle	Various	7	7	7			
B2d	β-Blockers	Kidney	Cattle	15	7	7	7			
B2e	NSAIDS	Liver	Cattle	Not set	76	79	79			
B2e	NSAIDS	Liver	Cattle OTM	Not Set	25	28	28			
B2e	Phenylbutazone	Plasma	Cattle	Not set	76	76	76			
B2e	Phenylbutazone	Plasma	Cattle OTM	Not Set	25	26	25		<b>0.5</b>	<b>2</b>
B2f	Corticosteroids	Liver	Cattle	Various	18	20	20			
B2f	Corticosteroids	Liver	Cattle OTM	Various	41	34	34			
B3a	Organochlorines/PCBs	Kidney fat	Cattle	Various	13	13	13			
B3b	Organophosphates	Kidney fat	Cattle	Various	38	37	36	cypermethrin 25.0 ug/kg , pp-DDT 11.0 ug/kg * pp-DDT 17.0 ug/kg* *found in the form of the isomer pp- DDE		
B3b	Organophosphates	Kidney fat	Cattle OTM	Various	4	4	4			
B3c	Cadmium	Kidney	Cattle OTM	1000	9	8	0	73, 176, 371, 781, 824	<b>1168, 1543, 1309</b>	<b>3</b>
B3c	Lead	Kidney	Cattle OTM	500	9	8	7	137		
B3c	Arsenic	Kidney	Cattle OTM	1000	0	8	1	8, 11, 14(2), 20, 21, 39		
B3c	Cadmium	Muscle	Cattle OTM	50	0	8	7	11		
B3c	Lead	Muscle	Cattle OTM	100	0	8	8			
B3c	Arsenic	Muscle	Cattle OTM	1000	0	8	6	7, 23		
B3d	Aflatoxins	Liver	Cattle	Not set	4	4	4			

## Northern Ireland 2012 Pig Results On Farm

Group of Substances	Compounds	Material to be analysed	Species	MRL µg/kg or µg/l	Planned Numbers	Number analysed	Number Less than LOQ	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)	Note
A3	Methyltestosterone	Feed	Pigs	Not set	3	3	3			
A5	Beta agonists	Feed	Pigs	Not set	4	3	3			
A6	Nitrofurans	Feed	Pigs	Not set	1	1	1			
A6	Nitroimidazoles	Feed	Pigs	Not set	2	1	1			

## Northern Ireland 2012 Pig Results Slaughter House

Group of Substances	Compounds	Material to be analysed	Species	MRL µg/kg or µg/l	Planned Numbers	Number analysed	Number Less than LOQ	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)	Note
A1	Stilbenes	Urine	Pigs (all)	Not set	13	13	13			
A2	Thyrostats	Urine	Pigs (all)	Not set	8	8	8			
A3	Altrenogest	Kidney fat	Pigs (all)	Not set	10	10	10			
A3	Methyltestosterone	Urine	Pigs (all)	Not set	10	20	20			
A3	Stanozolol	Urine	Pigs (all)	Not set		20	20			
A3	Trenbolone	Urine	Pigs (all)	Not set	10	20	20			
A4	Zeranol	Urine	Pigs (all)	Not set	19	19	19			
A5	Beta agonists	Liver	Pigs (all)	Not set	36	36	36			
A6	Chloramphenicol	Kidney	Pigs (all)	Not set	24	24	24			
A6	Nitroimidazoles	Kidney	Pigs (all)	Not set	22	25	25			
A6	Nitrofurans metabolites	Kidney	Pigs (all)	Not set	31	31	31			
B1	Antibacterial substances	Kidney	Pigs(all)	Various	85	85	85			
B1	Sulphonamides	Kidney	Pigs(all)	100	100	100	100			
B2a	Benzimidazoles	Liver	Pigs	Various	12	29	29			
B2a	Levamisole	Liver	Pigs	100	12	29	29			
B2a	Avermectins	Liver	Pigs	Various	11	29	29			
B2b	Ionophores	Liver	Pigs	Not Set	9	9	9			
B2c	Pyrethroids	Kidney fat	Pigs	Not Set	7	7	7			
B2c	Carbamates	Kidney fat	Pigs	Not Set	7	7	7			
B2d	Sedatives	Kidney	Pigs	100	17	33	33			
B2d	Carazolol	Liver	Pigs	25	16	33	33			
B2e	NSAIDs	Liver	Pigs	Not Set	4	4	4			
B2f	Corticosteroids	Liver	Pigs	2	4	4	4			
B2f	QCA/MeQCA	Liver	Pigs	Not set	27	27	27			

B3a	Organochlorines/PCBs	Kidney fat	Pigs	Various	10	10	10			
B3b	Organophosphates	Kidney fat	Pigs	Various	14	14	14			
B3c	Cadmium	Kidney	Pigs	1000	1	1	0	181		
B3c	Lead	Kidney	Pigs	500	1	1	1			
B3c	Arsenic	Kidney	Pigs	1000	1	1	1			
B3c	Cadmium	Muscle	Pigs	50	0	1	1			
B3c	Lead	Muscle	Pigs	100	0	1	1			
B3c	Arsenic	Muscle	Pigs	50	0	1	1			
B3d	Aflatoxins	Liver	Pigs	Not set	6	0	0			

## Northern Ireland 2012 Sheep Results Slaughter House

Group of Substances	Compounds	Material to be analysed	Species	MRL µg/kg or µg/l	Planned Numbers	Number analysed	Number Less than LOQ	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)	Note
A1	Stilbenes	Urine	Sheep	Not set	4	4	4			
A2	Thyrostats	Urine	Sheep	Not set	4	5	5			
A3	α-Boldenone	Urine	Sheep	Not set	0	17	16			
A3	Methyltestosterone	Urine	Sheep	Not set	4	17	17			
A3	α-Nortestosterone	Urine	Sheep	Not set	9	16	16			
A3	β-Nortestosterone	Urine	Sheep	Not set	9	16	16			
A3	Stanozolol	Urine	Sheep	Not set	0	17	17			
A3	Trenbolone	Urine	Sheep	Not set	9	17	17			
A3	Gestagens	Kidney fat	Sheep	Not set	4	4	4			
A4	Zeranol/Taleranol	Urine	Sheep	Not set	4	4	4			
A5	Beta agonists	Liver	Sheep	Not set	14	14	14			
A6	Chloramphenicol	Kidney	Sheep	0.3	8	8	8			
A6	Nitroimidazoles	Kidney	Sheep	Not set	5	5	5			
A6	Nitrofurans	Kidney	Lamb	Not set	12	13	13			
B1	Any antimicrobial agent	Kidney	Sheep	Various	136	136	136			
B1	Sulphonamides	Kidney	Sheep	100	14	14	14			
B2a	Benzimidazoles	Liver	Sheep	Various	30	58	58			
B2a	Avermectins	Liver	Sheep	Various	23	57	58			
B2a	Levamisole	Liver	Sheep	100	0	60	60			
B2a	Closantel	Liver	Sheep	1500	0	53	49	21.2, 24.4, 218	<b>1882</b>	1
B2a	Nitroxynil	Liver	Sheep		0	53	52		<b>37.6</b>	2
B2b	Coccidiostats	Liver	Sheep	Not Set	16	16	16			
B2c	Pyrethroids	Kidney fat	Sheep	Not Set	28	25	24	Diazinon 30.0 ug/kg		
B2d	Sedatives	Kidney	Sheep	Various	5	5	5			
B2e	NSAIDs	Liver	Sheep	Not set	2	2	2			
B2f	Corticosteroids	Liver	Sheep	Not set	1	1	1			
B3a	Organochlorines/PCBs	Kidney fat	Sheep	Various	6	6	6			
B3b	Organophosphates	Kidney fat	Sheep	Various	30	30	30			
B3c	Cadmium	Kidney	Sheep	1000	2	2	0	13, 72		
B3c	Lead	Kidney	Sheep	500	2	2	2			
B3c	Arsenic	Kidney	Sheep	1000	0	2	0	12, 29		
B3c	Cadmium	Muscle	Sheep	50	2	2	2			
B3c	Lead	Muscle	Sheep	100	2	2	2			
B3c	Arsenic	Muscle	Sheep	1000	0	2	0	19, 28		

**Northern Ireland 2012 Farmed Game Results Slaughter House**

Group of Substances	Compounds	Matrix	Species	MRL µg/kg or µg/l	Planned Numbers	Number analysed	Number Less than LOQ	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)	Note
B1	Antibacterial substances	Kidney	Farmed Deer	Various	2	2	2			
B2a	Benzimidazoles	Liver	Farmed Deer	Various	2	3	3			
B2a	Levamisole	Liver	Farmed Deer	Not Set	2	2	2			

### Northern Ireland 2012 Horse Results Slaughter House

Group of Substances	Compounds	Material to be analysed	Species	MRL µg/kg or µg/l	Planned Numbers	Number analysed	Number Less than LOQ	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)	Note
B2e	Phenylbutazone	Plasma	Horses	Not set	10	10	10			

## 2012 NI Meat inspection samples in detail

### (Meat Inspection, Field investigations & Pig Testing Phase 2)

Matrix	Analyte	Number of samples analysed	Less than MRL/Action level	Concentration detected above the MRL/Action Level (µg/kg)
Cattle retina SH	β-agonists	6	6	-
Cattle urine SH	Hormones	1	1	-
Cattle muscle SH	Antimicrobial agents	1913	1900	Qualitative
	Penicillins & Cephalosporins			<b>Pen G 94 &amp; 600</b>
	Quinolones			<b>MXF 422</b>
	Sulphonamides			<b>SMT &amp; SDZ 3478 &amp; 504</b>
	Tetracyclines			<b>OTC 131, 141, 172, 204, 266, 789, 950, 2490 &amp; 6065</b>
Cattle Liver SH	Antiparasitics	5	5	-
Cattle muscle SH	NSAIDS	7	7	-
Cattle Liver SH	Corticosteroids	1	1	-
Sheep muscle SH	Antimicrobial agents	4	4	-
Pig muscle SH	Antimicrobial agents	99	99	-
Cattle Serum OF	Testosterone	3	3	
Cattle serum SH	Oestradiol	4	4	
Cattle Urine OF	Thyrostats	7	6	
Cattle urine SH	Thyrostats	5	5	
Cattle urine OF	Testosterone	20	20	
	α-Boldenone	31	24	
	β-Boldenone	23	23	
	α-Nortestosterone	33	33	
	β-Nortestosterone	18	18	
Cattle urine SH	Testosterone	5	5	
	α-Boldenone	6	6	
	α-Nortestosterone	6	6	
Sheep urine SH	α-Boldenone	9	9	
	β-Boldenone	20	20	
Sheep urine OF	α-Boldenone	5	5	
Cattle Kidney	Cadmium	2	2	
	Lead	1	1	
Cattle Muscle	Cadmium	2	2	
	Lead	1	1	
Pig bile SH	Sulphonamides	95	95	N/A Qualitative test
Pig Muscle SH	AMs	95	95	N/A Qualitative test



## Pigs Testing Scheme

Matrix	Analyte	No of samples analysed	Less than MRL/Action Level	Concentration detected above the MRL/Action Level ( $\mu\text{g}/\text{kg}$ )
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### Phase 1 (Stratified random)

Pig bile SH	Sulphonamides	4778	4776	N/A Qualitative test
Pig kidney SH	Sulphonamides			N/A Qualitative test
Pig kidney SH	AMs Aminoglycosides Penicillins & Cephalosporins Sulphonamides Tetracyclines	4778	4773	N/A Qualitative test <b>DHS 8611</b> <b>Pen G 201</b> <b>SDZ 119, 120</b> <b>CTC 759, 1010 &amp; 1630</b>

### Phase 2 (Targeted)

Pig bile SH	Sulphonamides	95	95	N/A Qualitative test
Pig Muscle SH	AMs	95	95	N/A Qualitative test

## Bovine QA Scheme

Matrix	Analyte	No of samples analysed	Less than MRL/Action Level	Concentration detected above the MRL/Action Level (µg/kg)
Cattle retina SH	β-Agonists	870	870	
Cattle urine SH	Ractopamine	137	137	
Cattle urine SH	Hormones	95	95	
Cattle Kidney SH	Antimicrobials	1039	1039	
Cattle Liver SH	Antiparasitics	240	239	<b>Closantel 1360</b>

## Survey samples

Matrix	Analyte	Number of samples analysed	Less than MRI/Action Level	Range (µg/kg)
Prawn	Nitrofurans metabolites	1	1	
Prawn	Chloramphenicol	1	1	
Cattle Liver SH	Imidocarb	240	240	
Cattle urine SH OTM	Thyrostats	300	300	
Cattle urine SH OTM	Hormones	300	300	
Cattle urine SH OTM	Chloramphenicol	300	300	
Cattle retina SH OTM	β-Agonists	300	300	
Cattle Kidney SH OTM	Nitroimidazoles	302	302	
Cattle Kidney SH OTM	Antimicrobials	302	302	
Cattle Kidney SH OTM	Aminoglycosides	302	300	<b>DHS 1870 &amp; 6070</b>
Cattle Kidney SH OTM	Corticosteroids			
Cattle Liver SH OTM	Closantel	300	297	<b>1313, 1553 &amp; 1836</b>
Cattle Liver SH OTM	Ivermectin	300	297	<b>177 &amp; 199(2)</b>
Cattle Liver SH OTM	Levamisole	300	299	<b>113</b>
Cattle Liver SH OTM	Imidocarb	300	300	
Cattle Kidney SH OTM	NSAIDS	300	300	
Cattle Milk SH OTM	Cephalosporins	34	33	<b>Cefalonium 66</b>
Cattle Milk SH OTM	Penicillins	34	32	<b>Cloxacillin 10,700</b>