

# Sheep - Annual Report 2013-2014

Table 1 Anthelmintics, Benzimidazoles

| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| albendazole | Liver | 0.05 | 3 | 330 | 0 | 0 | 0 | 0 |
| fenbendazole | Liver | 0.05 | 0.5 | 330 | 0 | 0 | 0 | 0 |
| mebendazole | Liver | 0.01 | 0.02 | 330 | 0 | 0 | 0 | 0 |
| mebendazole, 5-hydroxy- | Liver | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| oxfendazole (fenbendazole sulfoxide) | Liver | 0.05 | 3 | 330 | 0 | 0 | 0 | 0 |
| oxibendazole | Liver | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| thiabendazole | Liver | 0.05 | 0.2 | 330 | 0 | 0 | 0 | 0 |
| triclabendazole | Liver | 0.05 | 2 | 330 | 0 | 0 | 0 | 0 |

Table 2 Anthelmintics, Macrocyclic Lactones

| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| abamectin | Fat | 0.005 | 0.05 | 330 | 1 | 1 | 0 | 0 |
| doramectin | Fat | 0.005 | 0.1 | 330 | 0 | 0 | 0 | 0 |
| emamectin | Fat | 0.002 | 0.01 | 330 | 0 | 0 | 0 | 0 |
| eprinomectin B1a | Fat | 0.005 | Not Set | 330 | 0 | 0 | 0 | 0 |
| ivermectin H2B1a | Fat | 0.005 | 0.02 | 330 | 0 | 0 | 0 | 0 |
| moxidectin | Fat | 0.005 | 0.5 | 330 | 47 | 46 | 1 | 0 |

Table 3 Anthelmintics, Other

| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| monepantel sulphone | Fat | 0.005 | 7 | 330 | 1 | 1 | 0 | 0 |
| praziquantel | Fat | 0.005 | 0.05 | 330 | 0 | 0 | 0 | 0 |

Table 4 Anthelmintics, Salicylanilides

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| closantel | Liver | 0.05 | 5 | 330 | 6 | 6 | 0 | 0 |

Table 5 Antibiotics, Aminoglycosides

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| apramycin | Kidney | 0.4 | 2 | 410 | 0 | 0 | 0 | 0 |
| dihydrostreptomycin | Kidney | 0.1 | 0.3 | 410 | 0 | 0 | 0 | 0 |
| gentamycin | Kidney | 0.1 | Not Set | 410 | 0 | 0 | 0 | 0 |
| neomycin | Kidney | 0.1 | 10 | 410 | 0 | 0 | 0 | 0 |
| streptomycin | Kidney | 0.1 | 0.3 | 410 | 0 | 0 | 0 | 0 |

Table 6 Antibiotics, Anticoccidials

| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| amprolium | Liver | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| halofuginone | Liver | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| lasalocid | Liver | 0.01 | 0.7 | 330 | 1 | 1 | 0 | 0 |
| maduramicin | Liver | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| monensin | Liver | 0.01 | 0.2 | 330 | 0 | 0 | 0 | 0 |
| narasin | Liver | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| nicarbazin (as 4,4'-dinitrocarbanilide) | Liver | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| salinomycin | Liver | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| semduramycin | Liver | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |

Table 7 Antibiotics, Antimicrobials

| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| chloramphenicol | Muscle | 0.0003 | Not Set | 330 | 0 | 0 | 0 | 1 |
| florfenicol | Muscle | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| thiamphenicol | Muscle | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |

Table 8 Antibiotics, Beta Lactams

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| amoxicillin | Kidney | 0.01 | 0.01 | 410 | 0 | 0 | 0 | 0 |
| ampicillin | Kidney | 0.01 | Not Set | 410 | 0 | 0 | 0 | 0 |
| benzyl G penicillin | Kidney | 0.01 | 0.06 | 410 | 0 | 0 | 0 | 0 |
| cloxacillin | Kidney | 0.1 | Not Set | 410 | 0 | 0 | 0 | 0 |

Table 9 Antibiotics, Cephalosporins

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| ceftiofur (desfuroylceftiofur) | Kidney | 0.2 | Not Set | 410 | 0 | 0 | 0 | 0 |
| cefuroxime | Kidney | 0.05 | Not Set | 410 | 0 | 0 | 0 | 0 |
| cephalonium | Kidney | 0.05 | Not Set | 410 | 0 | 0 | 0 | 0 |

Table 10 Antibiotics, Macrolides

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| erythromycin | Kidney | 0.1 | 0.3 | 410 | 0 | 0 | 0 | 0 |
| lincomycin | Kidney | 0.1 | Not Set | 410 | 0 | 0 | 0 | 0 |
| oleandomycin | Kidney | 0.5 | 0.1 | 410 | 0 | 0 | 0 | 0 |
| tilmicosin | Kidney | 0.2 | Not Set | 410 | 0 | 0 | 0 | 0 |
| tulathromycin | Kidney | 0.3 | Not Set | 410 | 0 | 0 | 0 | 0 |
| tylosin | Kidney | 0.1 | Not Set | 410 | 0 | 0 | 0 | 0 |

Table 11 Antibiotics, Other

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| avilamycin | Kidney | 0.1 | Not Set | 410 | 0 | 0 | 0 | 0 |
| trimethoprim | Kidney | 0.05 | Not Set | 175 | 0 | 0 | 0 | 0 |
| virginiamycin | Kidney | 0.2 | 0.2 | 410 | 0 | 0 | 0 | 0 |

Table 12 Antibiotics, Sulfonamides

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| sulfachloropyridazine | Kidney | 0.05 | Not Set | 410 | 0 | 0 | 0 | 0 |
| sulfadiazine | Kidney | 0.05 | 0.1 | 410 | 0 | 0 | 0 | 0 |
| sulfadimethoxine | Kidney | 0.05 | Not Set | 410 | 0 | 0 | 0 | 0 |
| sulfadimidine (sulfamethazine) | Kidney | 0.05 | 0.1 | 410 | 0 | 0 | 0 | 0 |
| sulfadoxine | Kidney | 0.05 | 0.1 | 410 | 0 | 0 | 0 | 0 |
| sulfafurazole | Kidney | 0.05 | Not Set | 410 | 0 | 0 | 0 | 0 |
| sulfamerazine | Kidney | 0.05 | Not Set | 410 | 0 | 0 | 0 | 0 |
| sulfamethoxazole | Kidney | 0.05 | Not Set | 410 | 0 | 0 | 0 | 0 |
| sulfamethoxydiazine (sulfameter) | Kidney | 0.05 | Not Set | 410 | 0 | 0 | 0 | 0 |
| sulfamethoxypyridazine | Kidney | 0.05 | Not Set | 410 | 0 | 0 | 0 | 0 |
| sulfapyridine | Kidney | 0.05 | Not Set | 410 | 0 | 0 | 0 | 0 |
| sulfaquinoxaline | Kidney | 0.05 | Not Set | 410 | 0 | 0 | 0 | 0 |
| sulfathiazole | Kidney | 0.05 | Not Set | 410 | 0 | 0 | 0 | 0 |
| sulfatroxazole | Kidney | 0.05 | 0.1 | 410 | 0 | 0 | 0 | 0 |

Table 13 Antibiotics, Tetracyclines

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| 4-epichlortetracycline | Kidney | 0.01 | Not Set | 175 | 0 | 0 | 0 | 0 |
| 4-epioxytetracycline | Kidney | 0.01 | 0.6 | 175 | 0 | 0 | 0 | 0 |
| 4-epitetracycline | Kidney | 0.01 | Not Set | 175 | 0 | 0 | 0 | 0 |
| chlortetracycline | Kidney | 0.02 | Not Set | 410 | 0 | 0 | 0 | 0 |
| doxycycline | Kidney | 0.05 | Not Set | 410 | 0 | 0 | 0 | 0 |
| oxytetracycline | Kidney | 0.05 | 0.6 | 410 | 0 | 0 | 0 | 0 |
| tetracycline | Kidney | 0.05 | Not Set | 410 | 0 | 0 | 0 | 0 |

Table 14 Contaminant, Organochlorine Insecticide

| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| aldrin and dieldrin (HHDN+HEOD) | Fat | 0.02 | 0.2 | 790 | 3 | 3 | 0 | 0 |
| chlordane | Fat | 0.02 | 0.2 | 790 | 0 | 0 | 0 | 0 |
| DDT | Fat | 0.05 | 5 | 790 | 9 | 9 | 0 | 0 |
| endrin | Fat | 0.01 | Not Set | 790 | 0 | 0 | 0 | 0 |
| HCH (or BHC) | Fat | 0.02 | 0.3 | 790 | 0 | 0 | 0 | 0 |
| heptachlor | Fat | 0.02 | 0.2 | 790 | 0 | 0 | 0 | 0 |
| lindane (gamma-HCH) | Fat | 0.01 | 2 | 790 | 0 | 0 | 0 | 0 |
| mirex | Fat | 0.02 | Not Set | 790 | 0 | 0 | 0 | 0 |

Table 15 Contaminant, Persistent Organic Pollutant

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| arochlor 1254 | Fat | 0.03 | 0.2 | 790 | 0 | 0 | 0 | 0 |
| arochlor 1260 | Fat | 0.03 | 0.2 | 790 | 0 | 0 | 0 | 0 |
| HCB (hexachlorobenzene) | Fat | 0.02 | 1 | 790 | 1 | 1 | 0 | 0 |
| pentachlorobenzene | Fat | 0.01 | Not Set | 790 | 0 | 0 | 0 | 0 |

Table 16 Fungicides

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| boscalid | Fat | 0.01 | 0.3 | 790 | 0 | 0 | 0 | 0 |
| prothioconazole | Fat | 0.01 | 0.02 | 790 | 0 | 0 | 0 | 0 |
| quintozene | Fat | 0.05 | Not Set | 790 | 0 | 0 | 0 | 0 |
| cyproconazole | Fat | 0.02 | 0.03 | 790 | 0 | 0 | 0 | 0 |
| fluquinconazole | Fat | 0.01 | 0.5 | 790 | 1 | 0 | 1 | 0 |
| flutriafol | Fat | 0.05 | 0.05 | 790 | 0 | 0 | 0 | 0 |
| procymidone | Fat | 0.1 | 0.2 | 790 | 0 | 0 | 0 | 0 |
| propiconazole | Fat | 0.05 | 0.1 | 790 | 0 | 0 | 0 | 0 |

Table 17 Herbicides

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| pyrasulfotole | Fat | 0.01 | 0.01 | 790 | 0 | 0 | 0 | 0 |
| ethofumesate | Fat | 0.1 | 0.5 | 790 | 0 | 0 | 0 | 0 |
| metolachlor | Fat | 0.05 | 0.05 | 790 | 0 | 0 | 0 | 0 |
| propachlor | Fat | 0.02 | 0.02 | 790 | 0 | 0 | 0 | 0 |

Table 18 Hormones, Resorcyclic Acid Lactones

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| zeranol (α-zearalanol) | Liver | 0.002 | Not Set | 331 | 0 | 0 | 0 | 0 |

Table 19 Hormones, Steroids

| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16-hydroxystanozolol | Urine | 0.001 | Not defined | 331 | 0 | 0 | 0 | n/a |
| boldenone 17α | Urine | 0.001 | Not defined | 331 | 6 | 0 | 0 | n/a |
| boldenone 17β | Urine | 0.001 | Not defined | 331 | 0 | 0 | 0 | n/a |
| methandriol | Urine | 0.005 | Not defined | 331 | 0 | 0 | 0 | n/a |
| nortestosterone-17 alpha | Urine | 0.001 | Not defined | 331 | 3 | 0 | 0 | n/a |
| nortestosterone-17 beta | Urine | 0.001 | Not defined | 331 | 0 | 0 | 0 | n/a |
| stanozolol | Urine | 0.001 | Not defined | 331 | 0 | 0 | 0 | n/a |

Table 20 Hormones, Stilbenes

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| dienoestrol | Liver | 0.0002 | Not Set | 331 | 0 | 0 | 0 | 0 |
| diethylstilboestrol | Liver | 0.0002 | Not Set | 331 | 0 | 0 | 0 | 0 |
| hexoestrol | Liver | 0.0002 | Not Set | 331 | 0 | 0 | 0 | 0 |

Table 21 Hormones, Trenbolones

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| trenbolone | Liver | 0.002 | Not Set | 331 | 0 | 0 | 0 | 0 |

Table 22 Insecticides, Benzoyl Urea

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| chlorfluazuron | Fat | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| diflubenzuron | Fat | 0.01 | 0.05 | 330 | 0 | 0 | 0 | 0 |
| fluazuron | Fat | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| triflumuron | Fat | 0.01 | 2 | 330 | 0 | 0 | 0 | 0 |

Table 23 Insecticides, Carbamate

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| carbaryl | Fat | 0.01 | 0.2 | 790 | 0 | 0 | 0 | 0 |

Table 24 Insecticides, Insect Growth Regulator

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| cyromazine | Kidney | 0.01 | 0.2 | 330 | 0 | 0 | 0 | 0 |
| dicyclanil | Kidney | 0.01 | 0.3 | 330 | 1 | 1 | 0 | 0 |
| melamine | Kidney | 0.025 | Not Set | 330 | 0 | 0 | 0 | 1 |

Table 25 Insecticides, Organochlorines

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| dicofol | Fat | 0.01 | Not Set | 790 | 0 | 0 | 0 | 0 |
| endosulfan | Fat | 0.02 | Not Set | 790 | 0 | 0 | 0 | 0 |
| methoxychlor | Fat | 0.02 | Not Set | 790 | 0 | 0 | 0 | 0 |

Table 26 Insecticides, Organophosphates

| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| chlorfenvinphos (sum E and Z isomers) | Fat | 0.05 | 0.2 | 790 | 0 | 0 | 0 | 0 |
| chlorpyrifos | Fat | 0.1 | 0.5 | 790 | 0 | 0 | 0 | 0 |
| chlorpyrifos-methyl | Fat | 0.02 | 0.05 | 790 | 0 | 0 | 0 | 0 |
| coumaphos | Fat | 0.2 | Not Set | 790 | 0 | 0 | 0 | 0 |
| diazinon | Fat | 0.05 | 0.7 | 790 | 3 | 3 | 0 | 0 |
| dichlorvos | Fat | 0.05 | 0.05 | 790 | 0 | 0 | 0 | 0 |
| dimethoate | Fat | 0.05 | 0.05 | 790 | 0 | 0 | 0 | 0 |
| ethion | Fat | 0.1 | Not Set | 790 | 0 | 0 | 0 | 0 |
| famphur | Fat | 0.02 | Not Set | 790 | 0 | 0 | 0 | 0 |
| famphur oxygen-analogue | Fat | 0.05 | No Set | 790 | 0 | 0 | 0 | 0 |
| fenitrothion | Fat | 0.02 | 0.05 | 790 | 0 | 0 | 0 | 0 |
| fenthion | Fat | 0.05 | 0.2 | 790 | 0 | 0 | 0 | 0 |
| malathion (maldison) | Fat | 0.1 | 1 | 790 | 0 | 0 | 0 | 0 |
| methidathion | Fat | 0.1 | 0.5 | 790 | 0 | 0 | 0 | 0 |
| omethoate | Fat | 0.05 | Not Set | 790 | 0 | 0 | 0 | 0 |
| parathion-methyl | Fat | 0.05 | Not Set | 790 | 0 | 0 | 0 | 0 |
| phosmet | Fat | 0.05 | 0.05 | 790 | 0 | 0 | 0 | 0 |
| pirimiphos-methyl | Fat | 0.05 | 0.05 | 790 | 0 | 0 | 0 | 0 |
| prothiofos | Fat | 0.01 | Not Set | 790 | 0 | 0 | 0 | 0 |
| pyraclofos | Fat | 0.01 | 0.5 | 790 | 0 | 0 | 0 | 0 |
| temephos | Fat | 0.1 | 3 | 790 | 0 | 0 | 0 | 0 |

Table 27 Insecticides, Other

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| chlorfenapyr | Fat | 0.05 | 0.05 | 790 | 0 | 0 | 0 | 0 |
| fipronil | Fat | 0.01 | 0.1 | 790 | 0 | 0 | 0 | 0 |
| flubendiamide | Fat | 0.01 | 0.05 | 790 | 0 | 0 | 0 | 0 |
| imidacloprid | Fat | 0.01 | 0.05 | 790 | 0 | 0 | 0 | 0 |
| indoxacarb | Fat | 0.1 | 1 | 790 | 0 | 0 | 0 | 0 |
| spinetoram | Fat | 0.005 | 2 | 330 | 0 | 0 | 0 | 0 |
| spinosad | Fat | 0.005 | 2 | 330 | 9 | 9 | 0 | 0 |

Table 28 Insecticides, Pyrethroid

| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| bifenthrin | Fat | 0.02 | 2 | 790 | 1 | 1 | 0 | 0 |
| bioresmethrin | Fat | 0.02 | Not Set | 790 | 0 | 0 | 0 | 0 |
| cyfluthrin (sum of isomers) | Fat | 0.01 | 0.5 | 790 | 0 | 0 | 0 | 0 |
| cyhalothrin (sum of isomers) | Fat | 0.02 | 0.5 | 790 | 0 | 0 | 0 | 0 |
| cypermethrin (sum of isomers) | Fat | 0.01 | 0.5 | 790 | 12 | 12 | 0 | 0 |
| deltamethrin | Fat | 0.02 | 0.2 | 790 | 0 | 0 | 0 | 0 |
| esfenvalerate | Fat | 0.02 | 1 | 283 | 0 | 0 | 0 | 0 |
| fenvalerate (sum of isomers) | Fat | 0.02 | 1 | 790 | 0 | 0 | 0 | 0 |
| flumethrin | Fat | 0.02 | Not Set | 790 | 0 | 0 | 0 | 0 |
| permethrin (sum of isomers) | Fat | 0.02 | 1 | 790 | 2 | 2 | 0 | 0 |
| tau-fluvalinate | Fat | 0.01 | Not Set | 790 | 0 | 0 | 0 | 0 |

LOR = Limit of reporting; Aust. Std = Australian Standard

Not set - No Australian Standard has been set for the chemical in the edible matrix and any detection is a contravention of the Australia New Zealand Food Standards Code.

No Limit - No Australian Standard applicable for the contaminant. The 'as low as reasonably achievable' principle applies.

Detections at low levels are allowable.

Not defined - Standards are not defined in urine and faeces.

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Table 29 Metals

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| arsenic - Total | Liver | 0.05 | No Limit | 331 | 0 | 0 | 0 | n/a |
| cadmium | Liver | 0.01 | 1.25 | 331 | 305 | 289 | 16 | 10 |
| lead | Liver | 0.01 | 0.5 | 331 | 236 | 234 | 2 | 1 |
| mercury | Liver | 0.01 | No Limit | 331 | 34 | 0 | 0 | n/a |

Table 30 Mycotoxins, Zeranols

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| taleranol (β-zearalanol) | Liver | 0.002 | No Limit | 331 | 0 | 0 | 0 | n/a |
| zearalanone | Liver | 0.002 | No Limit | 331 | 0 | 0 | 0 | n/a |
| zearalenol, alpha- | Liver | 0.002 | No Limit | 331 | 0 | 0 | 0 | n/a |
| zearalenol, beta- | Liver | 0.002 | No Limit | 331 | 0 | 0 | 0 | n/a |
| zearalenone | Liver | 0.002 | No Limit | 331 | 0 | 0 | 0 | n/a |

Table 31 Other Veterinary Drugs, Beta-Agonist

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| cimaterol | Liver | 0.00024 | Not Set | 331 | 0 | 0 | 0 | 0 |
| clenbuterol | Liver | 0.0002 | Not Set | 331 | 0 | 0 | 0 | 0 |
| mabuterol | Liver | 0.0002 | Not Set | 331 | 0 | 0 | 0 | 0 |
| ractopamine | Liver | 0.0002 | Not Set | 331 | 0 | 0 | 0 | 0 |
| salbutamol | Liver | 0.0009 | Not Set | 331 | 0 | 0 | 0 | 0 |
| zilpaterol | Liver | 0.0003 | Not Set | 331 | 0 | 0 | 0 | 0 |

Table 32 Other Veterinary Drugs, NSAID

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **Australia Std (mg/kg)** | **Number of Samples Tested** | **> LOR to  ≤ MRL** | **> LOR to ≤ ½ MRL** | **> ½ MRL to  ≤ MRL** | **Above MRL** |
| flunixin | Kidney | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| ketoprofen | Kidney | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| oxyphenbutazone | Kidney | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| phenylbutazone | Kidney | 0.01 | Not Set | 330 | 0 | 0 | 0 | 0 |
| tolfenamic acid | Kidney | 0.005 | Not Set | 330 | 0 | 0 | 0 | 0 |