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| |  | | --- | | **Beef residue testing annual datasets  2021-22** | | |
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| |  | | --- | | National Residue Survey (NRS), Department of Agriculture, Fisheries and Forestry  **Dataset abbreviations**  **LOR** Limit of reporting.  **MRL** Maximum Residue Limit.  **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 inedible matrixes (urine, retina and faeces).  **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.  **Disclaimer**  Although the Australian Government has exercised due care and skill in the preparation and compilation of this publication, it does not warrant its accuracy, completeness, currency or suitability for any purpose. To the maximum extent permitted by law, the Australian Government disclaims all liability, including liability in negligence for any loss, damage, cost or expense incurred by persons as a result of accessing, using or relying on any of the information or data set out in this publication. Before relying on the material in any matters, users should carefully evaluate its accuracy, currency, completeness and relevance for the purposes intended, and should obtain any appropriate professional advice relevant to their particular circumstances. | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **Table 1: ANTHELMINTICS** | | | | | | | | | **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL (mg/kg)** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL to ≤MRL** | **>MRL** | | abamectin | Fat | 0.005 | 0.1 | 564 | 0 | 0 | 0 | | albendazole | Liver | 0.001 | 0.1 | 572 | 0 | 0 | 0 | | clorsulon | Liver | 0.08 | 0.1 | 572 | 0 | 0 | 0 | | closantel | Liver | 0.05 | not set | 572 | 0 | 0 | 0 | | derquantel | Fat | 0.001 | not set | 564 | 0 | 0 | 0 | | doramectin | Fat | 0.005 | 0.1 | 564 | 4 | 0 | 0 | | emamectin | Fat | 0.002 | 0.01 | 564 | 0 | 0 | 0 | | eprinomectin | Fat | 0.005 | 0.5 | 564 | 0 | 0 | 0 | | fenbendazole | Liver | 0.001 | 0.1 | 572 | 14 | 0 | 0 | | fenbendazole sulfone | Liver | 0.001 | no limit | 572 | 0 | 0 | 0 | | flubendazole | Liver | 0.002 | not set | 572 | 0 | 0 | 0 | | ivermectin | Fat | 0.005 | 0.2 | 564 | 3 | 0 | 0 | | levamisole | Liver | 0.001 | 1 | 572 | 3 | 0 | 0 | | mebendazole | Liver | 0.005 | 0.02 | 572 | 0 | 0 | 0 | | mebendazole, 5-hydroxy- | Liver | 0.005 | 0.02 | 572 | 0 | 0 | 0 | | milbemectin | Fat | 0.01 | 0.002 | 564 | 0 | 0 | 0 | | monepantel sulphone | Fat | 0.005 | 7 | 564 | 0 | 0 | 0 | | morantel | Liver | 0.001 | 2 | 572 | 0 | 0 | 0 | | moxidectin | Fat | 0.005 | 1 | 564 | 46 | 0 | 0 | | nitroxynil | Liver | 0.012 | 1 | 572 | 0 | 0 | 0 | | oxfendazole (fenbendazole sulfoxide) | Liver | 0.001 | 3 | 572 | 2 | 0 | 0 | | oxibendazole | Liver | 0.001 | not set | 572 | 0 | 0 | 0 | | oxyclozanide | Liver | 0.005 | 2 | 572 | 0 | 0 | 0 | | parbendazole | Liver | 0.001 | not set | 572 | 0 | 0 | 0 | | praziquantel | Fat | 0.005 | not set | 564 | 0 | 0 | 0 | | rafoxanide | Liver | 0.01 | not set | 572 | 0 | 0 | 0 | | thiabendazole | Liver | 0.004 | 0.2 | 572 | 0 | 0 | 0 | | triclabendazole | Liver | 0.05 | 2 | 819 | 1 | 0 | 0 | |  |  |  |  |  |  |  |  | | **Table 2: ANTIBIOTICS** | | | | | | | | | **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL (mg/kg)** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL to ≤MRL** | **>MRL** | | AHD | Retina | 0.002 | not defined | 53 | 0 | - | - | | amoxicillin | Kidney | 0.01 | 0.01 | 978 | 0 | 0 | 0 | | AMOZ | Retina | 0.002 | not defined | 53 | 0 | - | - | | ampicillin | Kidney | 0.005 | not set | 978 | 0 | 0 | 0 | | AOZ | Retina | 0.002 | not defined | 53 | 0 | - | - | | apramycin | Kidney | 0.05 | 2 | 978 | 0 | 0 | 0 | | avilamycin | Kidney | 0.05 | not set | 978 | 0 | 0 | 0 | | benzyl G penicillin | Kidney | 0.01 | 0.06 | 978 | 0 | 0 | 0 | | ceftiofur (desfuroylceftiofur) | Kidney | 0.1 | 2 | 978 | 0 | 0 | 0 | | cefuroxime | Kidney | 0.05 | 0.1 | 978 | 0 | 0 | 0 | | cephalonium | Kidney | 0.005 | 0.1 | 978 | 0 | 0 | 0 | | chloramphenicol | Muscle | 0.0001 | not set | 433 | 0 | 0 | 0 | | chlortetracycline | Kidney | 0.01 | 0.6 | 978 | 5 | 0 | 0 | | ciprofloxacin | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | cloxacillin | Kidney | 0.005 | not set | 978 | 0 | 0 | 0 | | danofloxacin | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | difloxacin | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | dihydrostreptomycin | Kidney | 0.05 | 0.3 | 978 | 0 | 0 | 0 | | doxycycline | Kidney | 0.01 | not set | 978 | 0 | 0 | 0 | | enrofloxacin | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | erythromycin | Kidney | 0.05 | 0.3 | 978 | 0 | 0 | 0 | | florfenicol | Muscle | 0.003 | 0.3 | 433 | 0 | 0 | 0 | | flumequine | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | gatifloxacin | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | gentamycin | Kidney | 0.05 | not set | 978 | 0 | 0 | 0 | | levofloxacin | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | lincomycin | Kidney | 0.05 | 0.2 | 978 | 0 | 0 | 0 | | lomefloxacin | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | marbofloxacin | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | moxifloxacin | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | nalidixic acid | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | neomycin | Kidney | 0.05 | 10 | 978 | 0 | 0 | 0 | | norfloxacin | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | oleandomycin | Kidney | 0.05 | 0.1 | 978 | 0 | 0 | 0 | | orbifloxacin | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | oxolinic acid | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | oxytetracycline | Kidney | 0.01 | 0.6 | 978 | 3 | 0 | 0 | | sarafloxacin | Kidney | 0.005 | not set | 51 | 0 | 0 | 0 | | SEM | Retina | 0.002 | not defined | 53 | 0 | - | - | | streptomycin | Kidney | 0.05 | 0.3 | 978 | 0 | 0 | 0 | | sulfachloropyridazine | Kidney | 0.02 | not set | 978 | 0 | 0 | 0 | | sulfadiazine | Kidney | 0.01 | 0.1 | 978 | 0 | 1 | 0 | | sulfadimethoxine | Kidney | 0.02 | not set | 978 | 0 | 0 | 0 | | sulfadimidine (sulfamethazine) | Kidney | 0.01 | 0.1 | 978 | 0 | 0 | 0 | | sulfadoxine | Kidney | 0.02 | 0.1 | 978 | 0 | 0 | 0 | | sulfafurazole | Kidney | 0.02 | not set | 978 | 0 | 0 | 0 | | sulfamerazine | Kidney | 0.02 | not set | 978 | 0 | 0 | 0 | | sulfamethoxazole | Kidney | 0.02 | not set | 978 | 0 | 0 | 0 | | sulfamethoxydiazine (sulfameter) | Kidney | 0.02 | not set | 978 | 0 | 0 | 0 | | sulfamethoxypyridazine | Kidney | 0.02 | not set | 978 | 0 | 0 | 0 | | sulfapyridine | Kidney | 0.02 | not set | 978 | 0 | 0 | 0 | | sulfaquinoxaline | Kidney | 0.02 | not set | 978 | 0 | 0 | 0 | | sulfathiazole | Kidney | 0.02 | not set | 978 | 0 | 0 | 0 | | sulfatroxazole | Kidney | 0.02 | 0.1 | 978 | 0 | 0 | 0 | | tetracycline | Kidney | 0.01 | not set | 978 | 0 | 0 | 0 | | thiamphenicol | Muscle | 0.0029 | not set | 433 | 0 | 0 | 0 | | tilmicosin | Kidney | 0.05 | 1 | 978 | 0 | 0 | 0 | | trimethoprim | Kidney | 0.01 | 0.05 | 978 | 0 | 1 | 0 | | tulathromycin | Kidney | 0.1 | 1 | 978 | 0 | 1 | 0 | | tylosin | Kidney | 0.1 | 0.1 | 978 | 0 | 0 | 0 | | virginiamycin | Kidney | 0.005 | 0.2 | 978 | 0 | 0 | 0 | | \*In some instances, tetracycline may be present as an impurity in a chlortetracycline or oxytetracycline product and is not considered to be a violative residue. | | | | | | | | |  |  |  |  |  |  |  |  | | **Table 3: ANTICOCCIDIALS** | | | | | | | | | **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL (mg/kg)** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL to ≤MRL** | **>MRL** | | amprolium | Liver | 0.01 | not set | 682 | 0 | 0 | 0 | | decoquinate | Liver | 0.002 | not set | 682 | 0 | 0 | 0 | | diclazuril | Liver | 0.01 | not set | 682 | 0 | 0 | 0 | | halofuginone | Liver | 0.01 | 0.03 | 682 | 0 | 0 | 0 | | lasalocid | Liver | 0.01 | 0.7 | 682 | 3 | 0 | 0 | | maduramicin | Liver | 0.002 | not set | 682 | 0 | 0 | 0 | | monensin | Liver | 0.01 | 0.05 | 682 | 11 | 1 | 1 | | narasin | Liver | 0.01 | 0.05 | 682 | 0 | 0 | 0 | | nicarbazin (4,4'-dinitrocarbanilide) | Liver | 0.01 | not set | 682 | 0 | 0 | 0 | | salinomycin | Liver | 0.002 | 0.5 | 682 | 1 | 0 | 0 | | semduramycin | Liver | 0.002 | not set | 682 | 0 | 0 | 0 | | toltrazuril | Liver | 0.01 | 2 | 682 | 0 | 0 | 0 | |  | | | | | | | | |  |  |  |  |  |  |  |  | | **Table 4: CONTAMINANTS** | | | | | | | | | **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL (mg/kg)** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL to ≤MRL** | **>MRL** | | aldrin and dieldrin (HHDN+HEOD) | Fat | 0.02 | 0.2 | 1336 | 1 | 0 | 0 | | arochlor 1254 | Fat | 0.03 | 0.2 | 1336 | 0 | 0 | 0 | | arochlor 1260 | Fat | 0.03 | 0.2 | 1336 | 0 | 0 | 0 | | chlordane | Fat | 0.02 | 0.2 | 1336 | 0 | 0 | 0 | | DDT | Fat | 0.05 | 5 | 1336 | 7 | 0 | 0 | | endosulfan | Fat | 0.02 | not set | 1336 | 0 | 0 | 0 | | endrin | Fat | 0.01 | not set | 1336 | 0 | 0 | 0 | | HCB | Fat | 0.02 | 1 | 1336 | 0 | 0 | 0 | | HCH | Fat | 0.02 | 0.3 | 1336 | 0 | 0 | 0 | | heptachlor | Fat | 0.02 | 0.2 | 1336 | 1 | 0 | 0 | | lindane (gamma-HCH) | Fat | 0.01 | 2 | 1336 | 0 | 0 | 0 | | mirex | Fat | 0.02 | not set | 1336 | 0 | 0 | 0 | | pentachlorobenzene | Fat | 0.02 | not set | 1336 | 0 | 0 | 0 | |  | | | | | | | | |  |  |  |  |  |  |  |  | | **Table 5: DIOXINS** | | | | | | | | | **Chemical** | **Matrix** | **LOR (pg/g)** | **EU MRL (pg/g))** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL to ≤MRL** | **>MRL** | | Dioxin-like PCBs Upper Bound | Fat | 1.0 | 1.5 | 20 | 0 | 0 | 0 | | Dioxins+Furans Upper Bound | Fat | 1.0 | 2.5 | 20 | 0 | 0 | 0 | | Dioxins+Furans+Dioxin-likePCBs Upper Bound | Fat | 1.0 | 4.5 | 20 | 0 | 0 | 0 | | \*pg TEQ/g (fat) expressed on an upper bound basis. | | | | | | | | |  |  |  |  |  |  |  |  | | **Table 6: FUNGICIDES** | | | | | | | | | **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL (mg/kg)** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL to ≤MRL** | **>MRL** | | amisulbrom | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | azoxystrobin | Fat | 0.01 | 0.02 | 1336 | 0 | 0 | 0 | | bixafen | Fat | 0.01 | 0.2 | 1336 | 0 | 0 | 0 | | boscalid | Fat | 0.01 | 0.3 | 1336 | 0 | 0 | 0 | | carbendazim | Fat | 0.01 | 0.2 | 1336 | 0 | 0 | 0 | | cyproconazole | Fat | 0.02 | 0.03 | 1336 | 0 | 0 | 0 | | difenoconazole | Fat | 0.01 | 0.05 | 1336 | 0 | 0 | 0 | | epoxiconazole | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | fenpyrazamine | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | fludioxonil | Fat | 0.01 | 0.05 | 1336 | 0 | 0 | 0 | | fluopicolide | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | fluopyram | Fat | 0.01 | 0.1 | 1336 | 0 | 0 | 0 | | fluquinconazole | Fat | 0.01 | 0.5 | 1336 | 0 | 0 | 0 | | flutriafol | Fat | 0.02 | 0.05 | 1336 | 0 | 0 | 0 | | fluxapyroxad | Fat | 0.01 | 0.05 | 1336 | 0 | 0 | 0 | | imazalil | Fat | 0.01 | not set | 1336 | 0 | 0 | 0 | | ipconazole | Kidney | 0.02 | 0.01 | 533 | 0 | 0 | 0 | | isopyrazam | Fat | 0.01 | 0.005 | 1336 | 0 | 0 | 0 | | mandestrobin | Fat | 0.01 | 0.02 | 1336 | 0 | 0 | 0 | | procymidone | Fat | 0.02 | 0.2 | 1336 | 0 | 0 | 0 | | propamocarb | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | propiconazole | Fat | 0.02 | 0.1 | 1336 | 0 | 0 | 0 | | prothioconazole | Fat | 0.01 | 0.02 | 1336 | 0 | 0 | 0 | | pydiflumetofen | Fat | 0.01 | 0.02 | 1336 | 0 | 0 | 0 | | pyraclostrobin | Fat | 0.01 | 0.05 | 1336 | 0 | 0 | 0 | | pyrimethanil | Fat | 0.01 | 0.05 | 1336 | 0 | 0 | 0 | | pyriofenone | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | quinoxyfen | Fat | 0.01 | 0.1 | 1336 | 0 | 0 | 0 | | quintozene | Fat | 0.02 | 0.2 | 1336 | 0 | 0 | 0 | | spiroxamine | Fat | 0.01 | 0.05 | 1336 | 0 | 0 | 0 | | tebuconazole | Fat | 0.01 | 0.1 | 1336 | 0 | 0 | 0 | | trifloxystrobin | Fat | 0.01 | 0.05 | 1336 | 0 | 0 | 0 | |  | | | | | | | | |  |  |  |  |  |  |  |  | | **Table 7: HERBICIDES** | | | | | | | | | **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL (mg/kg)** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL to ≤MRL** | **>MRL** | | 2,2-DPA (2,2-dichloropropionic acid) | Kidney | 0.3 | 0.2 | 533 | 0 | 0 | 0 | | 2,4-D | Kidney | 0.03 | 7 | 533 | 0 | 0 | 0 | | amicarbazone | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | amitrole | Kidney | 0.01 | 0.01 | 533 | 0 | 0 | 0 | | atrazine | Kidney | 0.015 | 0.1 | 533 | 0 | 0 | 0 | | bromacil | Kidney | 0.015 | 0.04 | 533 | 0 | 0 | 0 | | bromoxynil | Kidney | 0.05 | 3 | 533 | 0 | 0 | 0 | | carfentrazone-ethyl | Kidney | 0.02 | 0.05 | 533 | 0 | 0 | 0 | | chlormequat | Kidney | 0.01 | 0.5 | 533 | 0 | 0 | 0 | | chlorpropham | Kidney | 0.01 | not set | 533 | 0 | 0 | 0 | | chlorsulfuron | Kidney | 0.025 | 0.05 | 533 | 0 | 0 | 0 | | chlorthal-dimethyl | Kidney | 0.015 | 0.05 | 533 | 0 | 0 | 0 | | clethodim | Kidney | 0.02 | 0.05 | 533 | 0 | 0 | 0 | | clodinafop-propargyl | Kidney | 0.02 | 0.05 | 533 | 0 | 0 | 0 | | clopyralid | Kidney | 0.34 | 5 | 533 | 0 | 0 | 0 | | cloquintocet-mexyl | Fat | 0.01 | 0.1 | 1336 | 0 | 0 | 0 | | cyanazine | Kidney | 0.02 | not set | 533 | 0 | 0 | 0 | | dicamba | Kidney | 1.3 | 0.05 | 533 | 0 | 0 | 0 | | dichlobenil | Kidney | 0.01 | not set | 533 | 0 | 0 | 0 | | dichlorprop-P | Kidney | 0.025 | 0.05 | 533 | 0 | 0 | 0 | | diclofop-methyl | Kidney | 0.01 | 0.05 | 533 | 0 | 0 | 0 | | diflufenican | Kidney | 0.02 | 0.1 | 533 | 0 | 0 | 0 | | diquat | Kidney | 0.02 | 0.05 | 533 | 0 | 0 | 0 | | diuron | Kidney | 0.015 | 3 | 533 | 3 | 0 | 0 | | ethofumesate | Fat | 0.02 | 0.5 | 1336 | 0 | 0 | 0 | | fenoxaprop-ethyl | Kidney | 0.015 | 0.2 | 533 | 0 | 0 | 0 | | flamprop-M-methyl | Kidney | 0.01 | 0.01 | 533 | 0 | 0 | 0 | | florpyrauxifen-benzyl | Fat | 0.01 | 0.02 | 1336 | 0 | 0 | 0 | | fluazifop-p-butyl | Kidney | 0.025 | 0.05 | 533 | 0 | 0 | 0 | | flumetsulam | Kidney | 0.01 | 0.3 | 533 | 0 | 0 | 0 | | glufosinate | Kidney | 0.01 | 5 | 533 | 0 | 0 | 0 | | glyphosate | Kidney | 0.01 | 2 | 533 | 33 | 0 | 0 | | haloxyfop | Kidney | 0.01 | 0.5 | 533 | 0 | 0 | 0 | | imazamox | Kidney | 0.025 | 0.05 | 533 | 0 | 0 | 0 | | imazapic | Kidney | 0.01 | 0.05 | 533 | 0 | 0 | 0 | | imazapyr | Kidney | 0.015 | 0.05 | 533 | 0 | 0 | 0 | | imazaquin | Kidney | 0.015 | not set | 533 | 0 | 0 | 0 | | imazethapyr | Kidney | 0.02 | 0.1 | 533 | 0 | 0 | 0 | | indaziflam | Fat | 0.01 | not set | 1336 | 0 | 0 | 0 | | iodosulfuron-methyl | Kidney | 0.015 | 0.01 | 533 | 0 | 0 | 0 | | ioxynil | Kidney | 0.02 | not set | 533 | 0 | 0 | 0 | | isoxaben | Kidney | 0.02 | 0.01 | 533 | 0 | 0 | 0 | | linuron | Kidney | 0.015 | 1 | 533 | 0 | 0 | 0 | | MCPA | Kidney | 0.015 | 0.05 | 533 | 2 | 2 | 0 | | metamitron | Fat | 0.01 | 0.05 | 1336 | 0 | 0 | 0 | | metazachlor | Fat | 0.01 | 0.05 | 1336 | 0 | 0 | 0 | | methabenzthiazuron | Kidney | 0.01 | not set | 533 | 0 | 0 | 0 | | metolachlor | Fat | 0.02 | 0.05 | 1336 | 0 | 0 | 0 | | metosulam | Kidney | 0.02 | 0.01 | 533 | 0 | 0 | 0 | | metribuzin | Kidney | 0.02 | 0.05 | 533 | 0 | 0 | 0 | | metsulfuron-methyl | Kidney | 0.02 | 0.1 | 533 | 0 | 0 | 0 | | napropamide | Kidney | 0.02 | 0.08 | 533 | 0 | 0 | 0 | | norflurazon | Kidney | 0.015 | not set | 533 | 0 | 0 | 0 | | oryzalin | Kidney | 0.04 | not set | 533 | 0 | 0 | 0 | | paraquat | Kidney | 0.01 | 0.5 | 533 | 0 | 0 | 0 | | pendimethalin | Kidney | 0.04 | 0.01 | 533 | 0 | 0 | 0 | | picloram | Kidney | 0.04 | 5 | 533 | 0 | 0 | 0 | | propachlor | Fat | 0.01 | 0.02 | 1336 | 0 | 0 | 0 | | propyzamide | Kidney | 0.015 | 0.2 | 533 | 0 | 0 | 0 | | pyrasulfotole | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | pyroxsulam | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | quizalofop-ethyl | Kidney | 0.01 | 0.2 | 533 | 0 | 0 | 0 | | quizalofop-P-tefuryl | Kidney | 0.01 | 0.2 | 533 | 0 | 0 | 0 | | saflufenacil | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | sethoxydim | Kidney | 0.01 | 0.05 | 533 | 0 | 0 | 0 | | simazine | Kidney | 0.02 | 0.05 | 533 | 0 | 0 | 0 | | topramezone | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | tralkoxydim | Kidney | 0.13 | not set | 533 | 0 | 0 | 0 | | triasulfuron | Kidney | 0.03 | 0.05 | 533 | 0 | 0 | 0 | | triclopyr | Kidney | 0.04 | 5 | 533 | 0 | 0 | 0 | | trifluralin | Kidney | 0.01 | 0.05 | 533 | 0 | 0 | 0 | |  | | | | | | | | |  |  |  |  |  |  |  |  | | **Table 8: HORMONES** | | | | | | | | | **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL (mg/kg)** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL to ≤MRL** | **>MRL** | | 6-hydroxystanozolol | Urine | 0.001 | not defined | 433 | 0 | - | - | | betamethasone | Liver | 0.001 | not set | 30 | 0 | 0 | 0 | | boldenone 17-alpha | Urine | 0.001 | not defined | 433 | 7 | - | - | | boldenone 17-beta | Urine | 0.001 | not defined | 433 | 0 | - | - | | dexamethasone | Liver | 0.001 | 0.1 | 30 | 0 | 0 | 0 | | dienoestrol | Liver | 0.0002 | not set | 682 | 0 | 0 | 0 | | diethylstilboestrol | Liver | 0.0002 | not set | 682 | 0 | 0 | 0 | | flumethasone | Liver | 0.001 | not set | 30 | 0 | 0 | 0 | | hexoestrol | Liver | 0.0002 | not set | 682 | 0 | 0 | 0 | | methandriol | Urine | 0.005 | not defined | 433 | 0 | - | - | | methylprednisolone | Liver | 0.001 | not set | 30 | 0 | 0 | 0 | | nortestosterone 17-alpha | Urine | 0.001 | not defined | 433 | 7 | - | - | | nortestosterone 17-beta | Urine | 0.001 | not defined | 433 | 0 | - | - | | stanozolol | Urine | 0.001 | not defined | 433 | 0 | - | - | | trenbolone | Liver | 0.0005 | 0.01 | 682 | 28 | 0 | 0 | | triamcinolone | Liver | 0.001 | not set | 30 | 0 | 0 | 0 | | triamcinolone acetonide | Liver | 0.001 | not set | 30 | 0 | 0 | 0 | | zeranol (alpha-zearalanol) | Liver | 0.002 | 0.02 | 682 | 0 | 0 | 1 | |  | | | | | | | | |  |  |  |  |  |  |  |  | | **Table 9: INSECTICIDES** | | | | | | | | | **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL (mg/kg)** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL to ≤MRL** | **>MRL** | | acetamiprid | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | afidopyropen | Fat | 0.012 | 0.1 | 1336 | 0 | 0 | 0 | | bifenthrin | Fat | 0.02 | 2 | 1336 | 1 | 0 | 0 | | bioresmethrin | Fat | 0.02 | not set | 1336 | 0 | 0 | 0 | | carbaryl | Fat | 0.01 | 0.07 | 1336 | 0 | 0 | 0 | | chlorantraniliprole | Fat | 0.01 | 0.02 | 1336 | 0 | 0 | 0 | | chlorfenapyr | Fat | 0.02 | 0.05 | 1336 | 0 | 0 | 0 | | chlorfenvinphos | Fat | 0.02 | 0.2 | 1336 | 1 | 1 | 0 | | chlorfluazuron | Fat | 0.01 | not set | 564 | 0 | 0 | 0 | | chlorpyrifos | Fat | 0.01 | 0.5 | 1336 | 0 | 0 | 0 | | chlorpyrifos-methyl | Fat | 0.01 | 0.05 | 1336 | 2 | 0 | 0 | | clothianidin | Fat | 0.01 | 0.02 | 1336 | 0 | 0 | 0 | | coumaphos | Fat | 0.02 | 0.02 | 1336 | 0 | 0 | 0 | | cyantraniliprole | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | cyclaniliprole | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | cyfluthrin | Fat | 0.02 | 0.5 | 1336 | 0 | 0 | 0 | | cyhalothrin | Fat | 0.02 | 0.5 | 1336 | 0 | 0 | 0 | | cypermethrin | Fat | 0.02 | 0.5 | 1336 | 2 | 0 | 0 | | cyromazine | Kidney | 0.01 | 0.05 | 490 | 0 | 0 | 0 | | deltamethrin | Fat | 0.02 | 0.5 | 1336 | 15 | 0 | 0 | | diafenthiuron | Fat | 0.01 | 0.02 | 1336 | 0 | 0 | 0 | | diazinon | Fat | 0.02 | 0.7 | 1336 | 8 | 0 | 0 | | dichlorvos | Fat | 0.02 | 0.01 | 1336 | 0 | 0 | 0 | | dicofol | Fat | 0.01 | not set | 1336 | 0 | 0 | 0 | | dicyclanil | Kidney | 0.01 | not set | 490 | 0 | 0 | 0 | | diflubenzuron | Fat | 0.01 | 0.02 | 564 | 0 | 0 | 0 | | dimethoate | Fat | 0.02 | 0.05 | 1336 | 0 | 0 | 0 | | dinotefuran | Fat | 0.03 | 0.02 | 1336 | 0 | 0 | 0 | | ethion | Fat | 0.02 | 2.5 | 1336 | 1 | 0 | 0 | | famphur | Fat | 0.02 | not set | 1336 | 0 | 0 | 0 | | famphur oxygen-analogue | Fat | 0.02 | not set | 1336 | 0 | 0 | 0 | | fenitrothion | Fat | 0.02 | 0.05 | 1336 | 0 | 0 | 0 | | fenthion | Fat | 0.02 | not set | 1336 | 0 | 0 | 0 | | fenvalerate | Fat | 0.02 | 1 | 1336 | 0 | 0 | 0 | | fipronil | Fat | 0.01 | 0.1 | 1336 | 0 | 0 | 0 | | flonicamid | Fat | 0.01 | 0.02 | 1336 | 0 | 0 | 0 | | fluazuron | Fat | 0.01 | 7 | 564 | 13 | 0 | 0 | | flubendiamide | Fat | 0.01 | 0.05 | 1336 | 0 | 0 | 0 | | fluensulfone | Fat | 0.01 | 0.01 | 1336 | 0 | 0 | 0 | | flumethrin | Fat | 0.02 | 0.2 | 1336 | 0 | 0 | 0 | | flupyradifurone | Fat | 0.01 | not set | 1336 | 0 | 0 | 0 | | imidacloprid | Fat | 0.01 | 0.05 | 1336 | 0 | 0 | 0 | | indoxacarb | Fat | 0.02 | 3 | 1336 | 0 | 0 | 0 | | malathion | Fat | 0.01 | 1 | 1336 | 0 | 0 | 0 | | melamine | Kidney | 0.01 | 2.5 | 490 | 0 | 0 | 0 | | metaflumizone | Fat | 0.01 | not set | 1336 | 0 | 0 | 0 | | methidathion | Fat | 0.02 | not set | 1336 | 0 | 0 | 0 | | methoxychlor | Fat | 0.02 | not set | 1336 | 0 | 0 | 0 | | mevinphos | Fat | 0.01 | 0.05 | 1336 | 0 | 0 | 0 | | novaluron | Fat | 0.01 | 0.1 | 564 | 0 | 0 | 0 | | omethoate | Fat | 0.02 | 0.05 | 1336 | 0 | 0 | 0 | | parathion-methyl | Fat | 0.02 | not set | 1336 | 0 | 0 | 0 | | permethrin | Fat | 0.02 | 1 | 1336 | 1 | 0 | 0 | | phosmet | Fat | 0.02 | 1 | 1336 | 0 | 0 | 0 | | pirimiphos-methyl | Fat | 0.02 | 0.05 | 1336 | 0 | 0 | 0 | | prothiofos | Fat | 0.01 | not set | 1336 | 0 | 0 | 0 | | pyraclofos | Fat | 0.02 | not set | 1336 | 0 | 0 | 0 | | spinetoram | Fat | 0.005 | 2 | 564 | 0 | 0 | 0 | | spinosad | Fat | 0.005 | 2 | 564 | 126 | 0 | 0 | | spirotetramat | Fat | 0.01 | 0.02 | 1336 | 0 | 0 | 0 | | sulfoxaflor | Fat | 0.01 | 0.2 | 1336 | 0 | 0 | 0 | | tau-fluvalinate | Fat | 0.01 | not set | 1336 | 0 | 0 | 0 | | temephos | Fat | 0.02 | 5 | 1336 | 0 | 0 | 0 | | triflumuron | Fat | 0.01 | 0.05 | 564 | 0 | 0 | 0 | |  | | | | | | | | | **Table 10: METALS** | | | | | | | | | **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL (mg/kg)** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL to ≤MRL** | **>MRL** | | antimony | Liver | 0.01 | no limit | 682 | 1 | 0 | 0 | | arsenic (total) | Liver | 0.05 | no limit | 682 | 0 | 0 | 0 | | cadmium | Liver | 0.01 | 1.25 | 682 | 529 | 4 | 0 | | lead | Liver | 0.01 | 0.5 | 682 | 176 | 0 | 0 | | mercury (total) | Liver | 0.01 | no limit | 682 | 11 | 0 | 0 | |  | | | | | | | | |  |  |  |  |  |  |  |  | | **Table 11: MYCOTOXINS** | | | | | | | | | **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL (mg/kg)** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL to ≤MRL** | **>MRL** | | taleranol (beta-zearalanol) | Liver | 0.002 | no limit | 682 | 1 | 0 | 0 | | zearalanone | Liver | 0.002 | no limit | 682 | 1 | 0 | 0 | | zearalenol alpha | Liver | 0.002 | no limit | 682 | 38 | 0 | 0 | | zearalenol beta | Liver | 0.002 | no limit | 682 | 71 | 0 | 0 | | zearalenone | Liver | 0.002 | no limit | 682 | 17 | 0 | 0 | |  | | | | | | | | |  |  |  |  |  |  |  |  | | **Table 12: OTHER VETERINARY DRUGS** | | | | | | | | | **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL (mg/kg)** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL to ≤MRL** | **>MRL** | | cimaterol | Liver | 0.0003 | not set | 682 | 0 | 0 | 0 | | clenbuterol | Liver | 0.0003 | not set | 682 | 0 | 0 | 0 | | flunixin | Kidney | 0.01 | 0.02 | 490 | 0 | 0 | 0 | | imidocarb | Kidney | 0.01 | 5 | 434 | 0 | 0 | 0 | | ketoprofen | Kidney | 0.01 | 0.05 | 490 | 0 | 0 | 0 | | mabuterol | Liver | 0.0003 | not set | 682 | 0 | 0 | 0 | | meloxicam | Kidney | 0.005 | 0.2 | 490 | 0 | 0 | 0 | | oxyphenbutazone | Kidney | 0.005 | not set | 490 | 0 | 0 | 0 | | phenylbutazone | Kidney | 0.005 | not set | 490 | 0 | 0 | 0 | | ractopamine | Liver | 0.0003 | not set | 682 | 0 | 0 | 0 | | salbutamol | Liver | 0.001 | not set | 682 | 0 | 0 | 0 | | tolfenamic acid | Kidney | 0.005 | 0.01 | 490 | 0 | 0 | 0 | | zilpaterol | Liver | 0.0003 | not set | 682 | 0 | 0 | 0 | |  | | | | | | | | |  |  |  |  |  |  |  |  | | |
|  |  |