

**Cod residue testing annual datasets 2022-23**

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.

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**Table 1: ANTIBIOTICS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL  (mg/kg)** | **Number of samples tested** | **> LOR to ≤1/2 MRL** | **> 1/2 MRL to ≤MRL** | **>MRL** |
| AHD | Flesh | 0.0004 | not set | 1 | 0 | 0 | 0 |
| amoxicillin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| AMOZ | Flesh | 0.000077 | not set | 1 | 0 | 0 | 0 |
| ampicillin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| AOZ | Flesh | 0.000072 | not set | 1 | 0 | 0 | 0 |
| apramycin | Flesh | 0.25 | not set | 1 | 0 | 0 | 0 |
| avilamycin | Flesh | 0.1 | not set | 1 | 0 | 0 | 0 |
| benzyl G penicillin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| ceftiofur (desfuroylceftiofur) | Flesh | 0.2 | not set | 1 | 0 | 0 | 0 |
| cefuroxime | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| cephalonium | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| chloramphenicol | Flesh | 0.0001 | not set | 1 | 0 | 0 | 0 |
| chlortetracycline | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| ciprofloxacin | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| cloxacillin | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| danofloxacin | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| difloxacin | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| dihydrostreptomycin | Flesh | 0.1 | not set | 1 | 0 | 0 | 0 |
| dimetridazole | Flesh | 0.0001 | not set | 1 | 0 | 0 | 0 |
| doxycycline | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| enrofloxacin | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| erythromycin | Flesh | 0.1 | not set | 1 | 0 | 0 | 0 |
| florfenicol | Flesh | 0.003 | not set | 1 | 0 | 0 | 0 |
| flumequine | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| gatifloxacin | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| gentamycin | Flesh | 0.1 | not set | 1 | 0 | 0 | 0 |
| levofloxacin | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| lincomycin | Flesh | 0.1 | not set | 1 | 0 | 0 | 0 |
| lomefloxacin | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| marbofloxacin | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| metronidazole | Flesh | 0.0001 | not set | 1 | 0 | 0 | 0 |
| moxifloxacin | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| nalidixic acid | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| neomycin | Flesh | 0.1 | not set | 1 | 0 | 0 | 0 |
| norfloxacin | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| oleandomycin | Flesh | 0.2 | not set | 1 | 0 | 0 | 0 |
| orbifloxacin | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |

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1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| oxolinic acid | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| oxytetracycline | Flesh | 0.01 | 0.2 | 1 | 0 | 0 | 0 |
| ronidazole | Flesh | 0.0001 | not set | 1 | 0 | 0 | 0 |
| sarafloxacin | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| SEM | Flesh | 0.00041 | not set | 1 | 0 | 0 | 0 |
| streptomycin | Flesh | 0.1 | not set | 1 | 0 | 0 | 0 |
| sulfachloropyridazine | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| sulfadiazine | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| sulfadimethoxine | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| sulfadimidine (sulfamethazine) | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| sulfadoxine | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| sulfafurazole | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| sulfamerazine | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| sulfamethoxazole | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| sulfamethoxydiazine (sulfameter) | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| sulfamethoxypyridazine | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| sulfapyridine | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| sulfaquinoxaline | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| sulfathiazole | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| sulfatroxazole | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| tetracycline | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| thiamphenicol | Flesh | 0.0029 | not set | 1 | 0 | 0 | 0 |
| tilmicosin | Flesh | 0.2 | not set | 1 | 0 | 0 | 0 |
| trimethoprim | Flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| tulathromycin | Flesh | 0.3 | not set | 1 | 0 | 0 | 0 |
| tylosin | Flesh | 0.1 | not set | 1 | 0 | 0 | 0 |
| virginiamycin | Flesh | 0.005 | not set | 1 | 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 2: ANTHELMINTICS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL  (mg/kg)** | **Number of samples tested** | **> LOR to ≤½ MRL** | **> ½ MRL to ≤MRL** | **>MRL** |
| abamectin | Flesh | 0.005 | not set | 1 | 0 | 0 | 0 |
| derquantel | Flesh | 0.001 | not set | 1 | 0 | 0 | 0 |
| doramectin | Flesh | 0.005 | not set | 1 | 0 | 0 | 0 |
| emamectin | Flesh | 0.002 | not set | 1 | 0 | 0 | 0 |
| eprinomectin | Flesh | 0.005 | not set | 1 | 0 | 0 | 0 |
| ivermectin | Flesh | 0.005 | not set | 1 | 0 | 0 | 0 |
| milbemectin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| monepantel sulphone | Flesh | 0.005 | not set | 1 | 0 | 0 | 0 |
| moxidectin | Flesh | 0.005 | not set | 1 | 0 | 0 | 0 |
| praziquantel | Flesh | 0.005 | 0.02 | 1 | 0 | 0 | 0 |

**Table 3: INSECTICIDES**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL  (mg/kg)** | **Number of samples tested** | **> LOR to ≤½ MRL** | **>½ MRL to ≤MRL** | **>MRL** |
| spinetoram | Flesh | 0.005 | not set | 1 | 0 | 0 | 0 |
| spinosad | Flesh | 0.005 | 0.01 | 1 | 0 | 0 | 0 |

**Table 4: METALS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL  (mg/kg)** | **Number of samples tested** | **>LOR to ≤1/2MRL** | **>½ MRL to ≤MRL** | **>MRL** |
| antimony | Flesh | 0.01 | no limit | 1 | 0 | 0 | 0 |
| arsenic (total) | Flesh | 0.05 | no limit | 1 | 1 | 0 | 0 |
| cadmium | Flesh | 0.01 | no limit | 1 | 0 | 0 | 0 |
| chromium | Flesh | 0.05 | no limit | 1 | 0 | 0 | 0 |
| lead | Flesh | 0.01 | 0.5 | 1 | 0 | 0 | 0 |
| mercury (total) | Flesh | 0.01 | 1 | 1 | 1 | 0 | 0 |

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2