

**Abalone 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: ANTHELMINTICS**

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

**Table 2: ANTIBIOTICS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL  (mg/kg)** | **Number of samples tested** | **> LOR to  ≤1/2MRL** | **>½ MRL to  ≤MRL** | **>MRL** |
| AHD | Flesh | 0.0004 | not set | 1 | 0 | 0 | 0 |
| amoxicillin | Flesh | 0.01 | not set | 10 | 0 | 0 | 0 |
| AMOZ | Flesh | 0.000077 | not set | 1 | 0 | 0 | 0 |
| ampicillin | Flesh | 0.01 | not set | 10 | 0 | 0 | 0 |
| AOZ | Flesh | 0.000072 | not set | 1 | 0 | 0 | 0 |
| apramycin | Flesh | 0.25 | not set | 10 | 0 | 0 | 0 |
| avilamycin | Flesh | 0.1 | not set | 10 | 0 | 0 | 0 |
| benzyl G penicillin | Flesh | 0.01 | not set | 10 | 0 | 0 | 0 |
| ceftiofur (desfuroylceftiofur) | Flesh | 0.2 | not set | 10 | 0 | 0 | 0 |
| cefuroxime | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| cephalonium | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| chloramphenicol | Flesh | 0.0001 | not set | 2 | 0 | 0 | 0 |
| chlortetracycline | Flesh | 0.01 | not set | 10 | 0 | 0 | 0 |
| ciprofloxacin | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |
| cloxacillin | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| danofloxacin | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |
| difloxacin | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |
| dihydrostreptomycin | Flesh | 0.1 | not set | 10 | 0 | 0 | 0 |
| doxycycline | Flesh | 0.01 | not set | 10 | 0 | 0 | 0 |
| enrofloxacin | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |
| erythromycin | Flesh | 0.1 | not set | 10 | 0 | 0 | 0 |
| florfenicol | Flesh | 0.003 | not set | 2 | 0 | 0 | 0 |
| flumequine | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |
| gatifloxacin | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |
| gentamycin | Flesh | 0.1 | not set | 10 | 0 | 0 | 0 |
| levofloxacin | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |
| lincomycin | Flesh | 0.1 | not set | 10 | 0 | 0 | 0 |
| lomefloxacin | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |
| marbofloxacin | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |
| moxifloxacin | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| nalidixic acid | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |
| neomycin | Flesh | 0.1 | not set | 10 | 0 | 0 | 0 |
| norfloxacin | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |
| oleandomycin | Flesh | 0.2 | not set | 10 | 0 | 0 | 0 |
| orbifloxacin | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |
| oxolinic acid | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |
| oxytetracycline | Flesh | 0.01 | not set | 10 | 0 | 0 | 0 |
| sarafloxacin | Flesh | 0.002 | not set | 10 | 0 | 0 | 0 |
| SEM | Flesh | 0.00041 | not set | 1 | 0 | 0 | 0 |
| streptomycin | Flesh | 0.1 | not set | 10 | 0 | 0 | 0 |
| sulfachloropyridazine | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| sulfadiazine | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| sulfadimethoxine | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| sulfadimidine (sulfamethazine) | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| sulfadoxine | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| sulfafurazole | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| sulfamerazine | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| sulfamethoxazole | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| sulfamethoxydiazine (sulfameter) | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| sulfamethoxypyridazine | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| sulfapyridine | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| sulfaquinoxaline | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| sulfathiazole | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| sulfatroxazole | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| tetracycline | Flesh | 0.01 | not set | 10 | 0 | 0 | 0 |
| thiamphenicol | Flesh | 0.0029 | not set | 2 | 0 | 0 | 0 |
| tilmicosin | Flesh | 0.2 | not set | 10 | 0 | 0 | 0 |
| trimethoprim | Flesh | 0.05 | not set | 10 | 0 | 0 | 0 |
| tulathromycin | Flesh | 0.3 | not set | 10 | 0 | 0 | 0 |
| tylosin | Flesh | 0.1 | not set | 10 | 0 | 0 | 0 |
| virginiamycin | Flesh | 0.005 | not set | 10 | 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: CONTAMINANTS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL  (mg/kg)** | **Number of samples tested** | **> LOR to  ≤½ MRL** | **>½ MRL to  ≤MRL** | **>MRL** |
| aldrin and dieldrin (HHDN+HEOD) | Flesh | 0.01 | 0.1 | 1 | 0 | 0 | 0 |
| anthraquinone | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| chlordane | Flesh | 0.01 | 0.05 | 1 | 0 | 0 | 0 |
| chlorobenzilate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| DDT | Flesh | 0.01 | 1 | 1 | 0 | 0 | 0 |
| endosulfan | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| endrin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| HCB (hexachlorobenzene) | Flesh | 0.01 | 0.1 | 1 | 0 | 0 | 0 |
| HCH (BHC) | Flesh | 0.01 | 0.01 | 1 | 0 | 0 | 0 |
| heptachlor | Flesh | 0.01 | 0.05 | 1 | 0 | 0 | 0 |
| lindane (gamma-HCH) | Flesh | 0.01 | 1 | 1 | 0 | 0 | 0 |
| mirex | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pentachlorobenzene | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| THPI | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| total indicator PCBs | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |

**Table 4: DYES**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL  (mg/kg)** | **Number of samples tested** | **> LOR to  ≤½ MRL** | **>½ MRL to  ≤MRL** | **>MRL** |
| brilliant green | Flesh | 0.00022 | not set | 1 | 0 | 0 | 0 |
| crystal violet | Flesh | 0.00014 | not set | 1 | 0 | 0 | 0 |
| leucocrystal violet | Flesh | 0.0005 | not set | 1 | 0 | 0 | 0 |
| leucomalachite green | Flesh | 0.00044 | not set | 1 | 0 | 0 | 0 |
| malachite green | Flesh | 0.00025 | not set | 1 | 0 | 0 | 0 |
| methylene blue | Flesh | 0.0011 | not set | 1 | 0 | 0 | 0 |
| victoria blue B | Flesh | 0.00066 | not set | 1 | 0 | 0 | 0 |
| victoria blue R | Flesh | 0.00025 | not set | 1 | 0 | 0 | 0 |
| victoria pure blue BO | Flesh | 0.0011 | not set | 1 | 0 | 0 | 0 |

**Table 5: FUNGICIDES**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL  (mg/kg)** | **Number of samples tested** | **>LOR to  ≤½ MRL** | **>½ MRL to  ≤MRL** | **>MRL** |
| acibenzolar-S-methyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| azaconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| azoxystrobin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| benalaxyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| benodanil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| bitertanol | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| bixafen | Flesh | 0.01 | 0.03 | 1 | 0 | 0 | 0 |
| boscalid | Flesh | 0.01 | 0.5 | 1 | 0 | 0 | 0 |
| bupirimate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| carbendazim | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| carpropamid | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| chlozolinate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| cyclanilide | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| cyflufenamid | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| cyproconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| cyprodinil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| diclobutrazol | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| diclocymet | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| dicloran | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| diethofencarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| difenoconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| dimethomorph | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| edifenphos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| epoxiconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| etridiazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenamidone | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenarimol | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenbuconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenoxanil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenpropimorph | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenpyrazamine | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| ferimzone | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fludioxonil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fluopicolide | Flesh | 0.01 | 0.01 | 1 | 0 | 0 | 0 |
| fluopyram | Flesh | 0.01 | 0.2 | 1 | 0 | 0 | 0 |
| fluquinconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| flusilazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| flutolanil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| flutriafol | Flesh | 0.01 | 0.5 | 1 | 0 | 0 | 0 |
| fluxapyroxad | Flesh | 0.01 | 0.1 | 1 | 0 | 0 | 0 |
| fuberidazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| furalaxyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| furametpyr | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| hexaconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| imazalil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| ipconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| iprobenfos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| iprodione | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| iprovalicarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| isoprothiolane | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| isopyrazam | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| kresoxim-methyl-A | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| mandestrobin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| mandipropamid | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| mefentrifluconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| mepronil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| metalaxyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| metconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| metominostrobin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| metrafenone | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| myclobutanil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| nitrothal-isopropyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| oxadixyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| oxathiapiprolin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| oxycarboxin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| paclobutrazol | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| penconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| penthiopyrad | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| picoxystrobin | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| prochloraz | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| procymidone | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| propiconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pydiflumetofen | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pyraclostrobin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pyrimethanil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pyriofenone | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pyroquilon | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| quinoxyfen | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| quintozene | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| simeconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| spiroxamine | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| tebuconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| tecnazene | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| tetraconazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| tolclofos methyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| tolylfluanid | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| triadimefon | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| triadimenol | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| tricyclazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| trifloxystrobin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| triticonazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| uniconazole-P | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| vinclozolin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| zoxamide | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |

**Table 6: HERBICIDES**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL  (mg/kg)** | **Number of samples tested** | **> LOR to  ≤ ½ MRL** | **>½ MRL to  ≤MRL** | **>MRL** |
| acetochlor | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| allidochlor | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| ametoctradin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| ametryn | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| atrazine | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| benfluralin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| benoxacor | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| bensulfuron-methyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| bensulide | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| bentazone | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| bifenox | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| bromacil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| bromobutide | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| butachlor | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| butafenacil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| butamifos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| cafenstrole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| carfentrazone-ethyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| chlorimuron-ethyl | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| chlorotoluron | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| chloroxuron | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| chlorpropham | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| chlorthal-dimethyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| clodinafop-propargyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| clomazone | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| cloquintocet-mexyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| cyanazine | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| cyclosulfamuron | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| cyhalofop-butyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| desmedipham | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| dichlobenil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| diclofop-methyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| diclosulam | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| diflufenican | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| dimepiperate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| dimethenamid-P | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| diphenamid | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| dithiopyr | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| esprocarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| ethalfluralin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| ethofumesate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| ethoxysulfuron | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| fenoxaprop-ethyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fentrazamide | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| flamprop-M-methyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| florasulam | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| fluazifop-p-butyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| flufenacet | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| flumiclorac-pentyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| flumioxazin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fluometuron | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fluridone | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| halauxifen-methyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| haloxyfop | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| hexazinone | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| imazamethabenz-methyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| inabenfide | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| indanofan | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| indaziflam | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| ioxynil | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| isoproturon | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| isoxaben | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| karbutilate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| lactofen | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| lenacil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| linuron | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| mefenpyr-diethyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| metamitron | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| methabenzthiazuron | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| metobromuron | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| metolachlor | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| metribuzin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| monolinuron | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| napropamide | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| nitrofen | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| norflurazon | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| oryzalin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| oxadiazon | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| oxyfluorfen | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pendimethalin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| picolinafen | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| piperophos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pretilachlor | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| prometryn | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| propachlor | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| propaquizafop | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| propazine | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| propham | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| propyzamide | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pyraflufen-ethyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pyributicarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pyriftalid | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| pyriminobac-methyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pyroxsulam | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| quizalofop-ethyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| saflufenacil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| sebuthylazine | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| simazine | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| simetryn | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| sulfentrazone | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| tebuthiuron | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| terbacil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| terbumeton | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| terbuthylazine | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| terbutryn | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| thenylchlor | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| thiazopyr | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| triallate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| triasulfuron | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| trifloxysulfuron sodium | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| trifluralin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |

**Table 7: INSECTICIDES**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL  (mg/kg)** | **Number of samples tested** | **> LOR to  ≤½ MRL** | **>½ MRL to  ≤MRL** | **>MRL** |
| acephate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| acrinathrin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| aldicarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| anilofos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| azinphos-ethyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| azinphos-methyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| bendiocarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| bifenthrin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| bioresmethrin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| bromophos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| bromophos-ethyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| bromopropylate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| buprofezin | Flesh | 0.01 | 0.1 | 1 | 0 | 0 | 0 |
| cadusafos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| carbaryl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| carbetamide | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| carbofuran | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| chlorantraniliprole | Flesh | 0.01 | 0.1 | 1 | 0 | 0 | 0 |
| chlorbufam | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| chlorfenapyr | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| chlorfenvinphos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| chlorpyrifos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| chlorpyrifos-methyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| chlorthiophos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| chromafenozide | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| clothianidin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| coumaphos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| crufomate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| cyanophos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| cyantraniliprole | Flesh | 0.01 | 0.05 | 1 | 0 | 0 | 0 |
| cyfluthrin | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| cypermethrin | Flesh | 0.01 | 0.01 | 1 | 0 | 0 | 0 |
| deltamethrin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| demeton-S-methyl sulfoxide (oxydemeton-methyl) | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| diazinon | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| dichlofenthion | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| dicrotophos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| diflubenzuron | Flesh | 0.01 | 0.002 | 1 | 0 | 0 | 0 |
| dimethoate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| dimethylvinphos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| dioxabenzofos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| EPN | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| ethion | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| ethiprole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| ethoprophos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| etoxazole | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| etrimfos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| famphur | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenamiphos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenchlorphos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenitrothion | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenobucarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenothiocarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenoxycarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenpropathrin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fensulfothion | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenthion | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenthion-ethyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fenvalerate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fipronil | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fluacrypyrim | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| flucythrinate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| flumethrin | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| fluvalinate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fonofos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| formetanate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| fosthiazate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| furathiocarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| heptenophos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| imidacloprid | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| indoxacarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| iodofenphos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| isazophos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| isofenphos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| isofenphos-methyl | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| isoprocarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| isoxathion | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| leptophos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| malathion | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| methacrifos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| methamidophos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| methidathion | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| methiocarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| methomyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| methoxychlor | Flesh | 0.01 | 1 | 1 | 0 | 0 | 0 |
| methoxyfenozide | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| mevinphos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| monocrotophos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| novaluron | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| omethoate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| oxamyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| parathion | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| parathion-methyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| perthane | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| phenmedipham | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| phorate | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| phosalone | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| phosmet | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| phosphamidon | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| piperonyl butoxide | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pirimicarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pirimiphos-methyl | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| profenofos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| promecarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| propaphos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| propargite | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| propetamphos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| propoxur | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| prothiofos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pyraclofos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pyrazophos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pyridaben | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pyridaphenthion | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pyrifluquinazon | Flesh | 0.02 | not set | 1 | 0 | 0 | 0 |
| pyrimidifen | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| pyriproxyfen | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| quinalphos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| spirotetramat | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| sulfoxaflor | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| tebufenozide | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| tebufenpyrad | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| tefluthrin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| terbufos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| tetrachlorvinphos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| tetradifon | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| thiacloprid | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| thiamethoxam | Flesh | 0.01 | 0.5 | 1 | 0 | 0 | 0 |
| thiobencarb | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| transfluthrin | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| triazofos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| tribufos | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| trichlorfon | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| triflumuron | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| vamidothion | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| XMC | Flesh | 0.01 | not set | 1 | 0 | 0 | 0 |

**Table 8: METALS**

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

**Table 9: PHYSIOLOGICAL MODIFIER**

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

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