# Aquaculture marron residue testing annual datasets 2020–21

National Residue Survey (NRS), Department of Agriculture, Water and the Environment

## 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

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**Table 1: Additives**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL(mg/kg)** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL 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 2: Antibiotics**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL(mg/kg)** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL to ≤MRL** | **>MRL** |
| AHD | flesh | 0.0004 | not set | 1 | 0 | 0 | 0 |
| AMOZ | flesh | 0.000077 | not set | 1 | 0 | 0 | 0 |
| AOZ | flesh | 0.000072 | not set | 1 | 0 | 0 | 0 |
| SEM | flesh | 0.00041 | not set | 1 | 0 | 0 | 0 |

**Table 3: 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) | flesh | 0.02 | 0.1 | 1 | 0 | 0 | 0 |
| arochlor 1254 | flesh | 0.03 | not set | 1 | 0 | 0 | 0 |
| arochlor 1260 | flesh | 0.03 | not set | 1 | 0 | 0 | 0 |
| chlordane | flesh | 0.02 | 0.05 | 1 | 0 | 0 | 0 |
| DDT | flesh | 0.02 | 1 | 1 | 0 | 0 | 0 |
| endrin | flesh | 0.01 | not set | 1 | 0 | 0 | 0 |
| HCB (hexachlorobenzene) | flesh | 0.02 | 0.1 | 1 | 0 | 0 | 0 |
| HCH (BHC) | flesh | 0.02 | 0.01 | 1 | 0 | 0 | 0 |
| heptachlor | flesh | 0.02 | 0.05 | 1 | 0 | 0 | 0 |
| lindane (gamma-HCH) | flesh | 0.02 | 1 | 1 | 0 | 0 | 0 |
| mirex | flesh | 0.05 | not set | 1 | 0 | 0 | 0 |
| toxaphene | flesh | 0.03 | not set | 1 | 0 | 0 | 0 |

**Table 4: Metals**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL(mg/kg)** | **Number of samples tested** | **>LOR to ≤½MRL** | **>½MRL 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 | no limit | 1 | 1 | 0 | 0 |
| mercury (total) | flesh | 0.01 | 1 | 1 | 1 | 0 | 0 |