



# 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 $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ 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 $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ 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 $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ 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