



Aquaculture Queensland groper residue testing annual datasets 2018-19

National Residue Survey, Department of Agriculture

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)	No. of samples tested	> LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to \leq MRL	> MRL
chloramphenicol	flesh	0.00027	not set	1	0	0	0
florfenicol	flesh	0.003	not set	1	0	0	0
thiamphenicol	flesh	0.0029	not set	1	0	0	0

Table 2 Metals

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. 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	1	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
lead	flesh	0.01	0.5	1	0	0	0
mercury (total)	flesh	0.01	1	1	1	0	0