



Aquaculture Mullocky residue testing annual datasets 2017–18

National Residue Survey, Department of Agriculture and Water Resources

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 Additives

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. 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	0.00058	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)	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 3 Contaminants

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
aldrin and dieldrin (HHDN+HEOD)	flesh	0.02	not set	1	0	0	0
arochlor 1254	flesh	0.03	0.5	1	0	0	0
arochlor 1260	flesh	0.03	0.5	1	0	0	0
chlordane	flesh	0.02	not set	1	0	0	0
DDT	flesh	0.02	not set	1	0	0	0
endrin	flesh	0.01	not set	1	0	0	0
HCB (hexachlorobenzene)	flesh	0.02	not set	1	0	0	0
HCH (BHC)	flesh	0.02	not set	1	0	0	0
heptachlor	flesh	0.02	not set	1	0	0	0
lindane (gamma-HCH)	flesh	0.02	not set	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 Hormones

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
boldenone 17-alpha	flesh	0.00036	not set	1	0	0	0
boldenone 17-beta	flesh	0.00036	not set	1	0	0	0
dienoestrol	flesh	0.00009	not set	1	0	0	0
diethylstilboestrol	flesh	0.00009	not set	1	0	0	0
hexoestrol	flesh	0.00006	not set	1	0	0	0
nortestosterone 17-alpha	flesh	0.00036	not set	1	0	0	0
nortestosterone 17-beta	flesh	0.00036	not set	1	0	0	0
trenbolone	flesh	0.00075	not set	1	0	0	0