



# Aquaculture Murray Cod residue testing annual datasets 2015–16

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 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 Antibiotics**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
AHD	Flesh	0.0004	Not Set	1	0	0	0
amoxicillin	Flesh	0.01	Not Set	1	0	0	0
AMOZ	Flesh	0.000077	Not Set	1	0	0	0
ampicillin	Flesh	0.01	Not Set	1	0	0	0
AOZ	Flesh	0.000072	Not Set	1	0	0	0
apramycin	Flesh	0.25	Not Set	1	0	0	0
avilamycin	Flesh	0.1	Not Set	1	0	0	0
benzyl G penicillin	Flesh	0.01	Not Set	1	0	0	0
ceftiofur	Flesh	0.2	Not Set	1	0	0	0
cefuroxime	Flesh	0.05	Not Set	1	0	0	0
cephalonium	Flesh	0.05	Not Set	1	0	0	0
chloramphenicol	Flesh	0.00027	Not Set	1	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
cloxacillin	Flesh	0.05	Not Set	1	0	0	0
dihydrostreptomycin	Flesh	0.1	Not Set	1	0	0	0
doxycycline	Flesh	0.01	Not Set	1	0	0	0
erythromycin	Flesh	0.1	Not Set	1	0	0	0
florfenicol	Flesh	0.0043	Not Set	1	0	0	0
gentamycin	Flesh	0.1	Not Set	1	0	0	0
lincomycin	Flesh	0.1	Not Set	1	0	0	0
neomycin	Flesh	0.1	Not Set	1	0	0	0
oleandomycin	Flesh	0.2	Not Set	1	0	0	0
SEM	Flesh	0.00041	Not Set	1	0	0	0
streptomycin	Flesh	0.1	Not Set	1	0	0	0
sulfachloropyridazine	Flesh	0.05	Not Set	1	0	0	0
sulfadiazine	Flesh	0.05	Not Set	1	0	0	0
sulfadimethoxine	Flesh	0.05	Not Set	1	0	0	0
sulfadimidine	Flesh	0.05	Not Set	1	0	0	0
sulfadoxine	Flesh	0.05	Not Set	1	0	0	0
sulfafurazole	Flesh	0.05	Not Set	1	0	0	0
sulfamerazine	Flesh	0.05	Not Set	1	0	0	0
sulfamethoxazole	Flesh	0.05	Not Set	1	0	0	0
sulfamethoxydiazine	Flesh	0.05	Not Set	1	0	0	0
sulfamethoxypyridazine	Flesh	0.05	Not Set	1	0	0	0
sulfapyridine	Flesh	0.05	Not Set	1	0	0	0
sulfaquinoxaline	Flesh	0.05	Not Set	1	0	0	0
sulfathiazole	Flesh	0.05	Not Set	1	0	0	0
sulfatroxazole	Flesh	0.05	Not Set	1	0	0	0
thiamphenicol	Flesh	0.0029	Not Set	1	0	0	0
tilmicosin	Flesh	0.2	Not Set	1	0	0	0
trimethoprim	Flesh	0.05	Not Set	1	0	0	0
tulathromycin	Flesh	0.3	Not Set	1	0	0	0
tylosin	Flesh	0.1	Not Set	1	0	0	0
virginiamycin	Flesh	0.2	Not Set	1	0	0	0

**Table 2 Hormones**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ 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

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
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

**Table 3 Metals**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
antimony	Flesh	0.01	Not Set	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	0.5	1	0	0	0
mercury (total)	Flesh	0.01	0.5	1	1	0	0