



Australian Government

Department of Agriculture, Fisheries and Forestry

Aquaculture Queensland groper residue testing annual datasets 2021-22

National Residue Survey (NRS), Department of Agriculture, Fisheries and Forestry

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)	Number of samples tested	>LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to \leq MRL	>MRL
amoxicillin	Flesh	0.01	not set	1	0	0	0
ampicillin	Flesh	0.01	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 (desfuroylceftiofur)	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	0.0001	not set	1	0	0	0
chlortetracycline	Flesh	0.01	not set	1	0	0	0
ciprofloxacin	Flesh	0.002	not set	1	0	0	0
cloxacillin	Flesh	0.05	not set	1	0	0	0

danofloxacin	Flesh	0.002	not set	1	0	0	0
difloxacin	Flesh	0.002	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
enrofloxacin	Flesh	0.002	not set	1	0	0	0
erythromycin	Flesh	0.1	not set	1	0	0	0
florfenicol	Flesh	0.003	not set	1	0	0	0
flumequine	Flesh	0.002	not set	1	0	0	0
gatifloxacin	Flesh	0.002	not set	1	0	0	0
gentamycin	Flesh	0.1	not set	1	0	0	0
levofloxacin	Flesh	0.002	not set	1	0	0	0
lincomycin	Flesh	0.1	not set	1	0	0	0
lomefloxacin	Flesh	0.002	not set	1	0	0	0
marbofloxacin	Flesh	0.002	not set	1	0	0	0
moxifloxacin	Flesh	0.002	not set	1	0	0	0
nalidixic acid	Flesh	0.002	not set	1	0	0	0
neomycin	Flesh	0.1	not set	1	0	0	0
norfloxacin	Flesh	0.002	not set	1	0	0	0
oleandomycin	Flesh	0.2	not set	1	0	0	0
orbifloxacin	Flesh	0.002	not set	1	0	0	0
oxolinic acid	Flesh	0.002	not set	1	0	0	0
oxytetracycline	Flesh	0.01	0.2	1	0	0	0
sarafloxacin	Flesh	0.002	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 (sulfamethazine)	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 (sulfameter)	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
tetracycline	Flesh	0.01	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	0.005	not set	1	0	0	0

*In some instances, tetracycline may be present as an impurity in a chlortetracycline or oxytetracycline product and is not considered to be a violative residue.

Table 2: 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	0.5	1	0	0	0
mercury (total)	Flesh	0.01	1	1	1	0	0