Australian Government
Department of Agriculture

Aquaculture abalone 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.

Disclaimer

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	0.0005	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)	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	10	0	0	0
AMOZ	flesh	0.000077	not set	1	0	0	0
ampicillin	flesh	0.01	not set	10	0	0	0
AOZ	flesh	0.000072	not set	1	0	0	0
apramycin	flesh	0.25	not set	10	0	0	0
avilamycin	flesh	0.1	not set	10	0	0	0
benzyl G penicillin	flesh	0.01	not set	10	0	0	0
ceftiofur (desfuroylceftiofur)	flesh	0.2	not set	10	0	0	0
cefuroxime	flesh	0.05	not set	10	0	0	0
cephalonium	flesh	0.05	not set	10	0	0	0
chloramphenicol	flesh	0.00027	not set	1	0	0	0
chlortetracycline	flesh	0.01	not set	10	0	0	0
ciprofloxacin	flesh	0.002	not set	10	0	0	0
cloxacillin	flesh	0.05	not set	10	0	0	0
danofloxacin	flesh	0.002	not set	10	0	0	0
difloxacin	flesh	0.002	not set	10	0	0	0
dihydrostreptomycin	flesh	0.1	not set	10	0	0	0
doxycycline	flesh	0.01	not set	10	0	0	0
enrofloxacin	flesh	0.002	not set	10	0	0	0
erythromycin	flesh	0.1	not set	10	0	0	0
florfenicol	flesh	0.003	not set	1	0	0	0
flumequine	flesh	0.002	not set	10	0	0	0
gatifloxacin	flesh	0.002	not set	10	0	0	0
gentamycin	flesh	0.1	not set	10	0	0	0
levofloxacin	flesh	0.002	not set	10	0	0	0
lincomycin	flesh	0.1	not set	10	0	0	0
lomefloxacin	flesh	0.002	not set	10	0	0	0
marbofloxacin	flesh	0.002	not set	10	0	0	0
moxifloxacin	flesh	0.002	not set	10	0	0	0
nalidixic acid	flesh	0.002	not set	10	0	0	0
neomycin	flesh	0.1	not set	10	0	0	0
norfloxacin	flesh	0.002	not set	10	0	0	0
oleandomycin	flesh	0.2	not set	10	0	0	0
orbifloxacin	flesh	0.002	not set	10	0	0	0
oxolinic acid	flesh	0.002	not set	10	0	0	0
oxytetracycline	flesh	0.01	not set	10	0	0	0
sarafloxacin	flesh	0.002	not set	10	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
SEM	flesh	0.00041	not set	1	0	0	0
streptomycin	flesh	0.1	not set	10	0	0	0
sulfachloropyridazine	flesh	0.05	not set	10	0	0	0
sulfadiazine	flesh	0.05	not set	10	0	0	0
sulfadimethoxine	flesh	0.05	not set	10	0	0	0
sulfadimidine (sulfamethazine)	flesh	0.05	not set	10	0	0	0
sulfadoxine	flesh	0.05	not set	10	0	0	0
sulfafurazole	flesh	0.05	not set	10	0	0	0
sulfamerazine	flesh	0.05	not set	10	0	0	0
sulfamethoxazole	flesh	0.05	not set	10	0	0	0
sulfamethoxydiazine (sulfameter)	flesh	0.05	not set	10	0	0	0
sulfamethoxypyridazine	flesh	0.05	not set	10	0	0	0
sulfapyridine	flesh	0.05	not set	10	0	0	0
sulfaquinoxaline	flesh	0.05	not set	10	0	0	0
sulfathiazole	flesh	0.05	not set	10	0	0	0
sulfatroxazole	flesh	0.05	not set	10	0	0	0
tetracycline	flesh	0.01	not set	10	0	0	0
thiamphenicol	flesh	0.0029	not set	1	0	0	0
tilmicosin	flesh	0.2	not set	10	0	0	0
trimethoprim	flesh	0.05	not set	10	0	0	0
tulathromycin	flesh	0.3	not set	10	0	0	0
tylosin	flesh	0.1	not set	10	0	0	0
virginiamycin	flesh	0.2	not set	10	0	0	0

Table 3 Contaminants

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ 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)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
antimony	flesh	0.01	no limit	1	0	0	0
arsenic (total)	flesh	0.01	no limit	1	1	0	0
cadmium	flesh	0.05	2	1	0	0	0
chromium	flesh	0.01	no limit	1	0	0	0
lead	flesh	0.01	2	1	1	0	0
mercury (total)	flesh	0.01	1	1	0	0	0