Australian Government
Department of Agriculture

Aquaculture Annual Report 2013-2014

Aquaculture Crayfish

Table 1 VETERINARY DRUGS AND AMINAL TREATMENTS, Anthelmintics, Macrocyclic Lactones

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
abamectin	Flesh	0.005	Not Set	1	0	0
doramectin	Flesh	0.005	Not Set	1	0	0
emamectin	Flesh	0.005	Not Set	1	0	0
eprinomectin	Flesh	0.005	Not Set	1	0	0
ivermectin	Flesh	0.005	Not Set	1	0	0
moxidectin	Flesh	0.005	Not Set	1	0	0

Table 2 VETERINARY DRUGS AND AMINAL TREATMENTS, Anthelmintics, Other

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
monepantel sulphone	Flesh	0.005	Not Set	1	0	0
praziquantel	Flesh	0.005	Not Set	1	0	0

Table 3 VETERINARY DRUGS AND AMINAL TREATMENTS, Antibiotics, Aminoglycosides

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
apramycin	Flesh	0.25	Not Set	1	0	0
dihydrostreptomycin	Flesh	0.1	Not Set	1	0	0
gentamycin	Flesh	0.1	Not Set	1	0	0
neomycin	Flesh	0.1	Not Set	1	0	0
streptomycin	Flesh	0.1	Not Set	1	0	0

Table 4 VETERINARY DRUGS AND AMINAL TREATMENTS, Antibiotics, Beta Lactams

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
amoxicillin	Flesh	0.01	Not Set	1	0	0
ampicillin	Flesh	0.01	Not Set	1	0	0
benzyl G penicillin	Flesh	0.01	Not Set	1	0	0
cloxacillin	Flesh	0.05	Not Set	1	0	0

Table 5 VETERINARY DRUGS AND AMINAL TREATMENTS, Antibiotics, Cephalosporins

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
ceftiofur	Flesh	0.2	Not Set	1	0	0
cefuroxime	Flesh	0.05	Not Set	1	0	0
cephalonium	Flesh	0.05	Not Set	1	0	0

Table 6 VETERINARY DRUGS AND AMINAL TREATMENTS, Antibiotics, Macrolides

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
erythromycin	Flesh	0.1	Not Set	1	0	0
lincomycin	Flesh	0.1	Not Set	1	0	0
oleandomycin	Flesh	0.2	Not Set	1	0	0
tilmicosin	Flesh	0.2	Not Set	1	0	0
tulathromycin	Flesh	0.3	Not Set	1	0	0
tylosin	Flesh	0.1	Not Set	1	0	0

Table 7 VETERINARY DRUGS AND AMINAL TREATMENTS, Antibiotic, Nitrofurans

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
AHD	Flesh	0.0004	Not Set	1	0	0
AMOZ	Flesh	0.000077	Not Set	1	0	0
AOZ	Flesh	0.000072	Not Set	1	0	0
SEM	Flesh	0.00041	Not Set	1	0	1

Table 8 VETERINARY DRUGS AND AMINAL TREATMENTS, Antibiotic, Phenicols

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
chloramphenicol	Flesh	0.00027	Not Set	1	0	0
florfenicol	Flesh	0.003	0.5	1	0	0
thiamphenicol	Flesh	0.0029	Not Set	1	0	0

Table 98 VETERINARY DRUGS AND AMINAL TREATMENTS, Antibiotic, Sulfonamides

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
sulfachloropyridazine	Flesh	0.05	Not Set	1	0	0
sulfadiazine	Flesh	0.05	Not Set	1	0	0
sulfadimethoxine	Flesh	0.05	Not Set	1	0	0
sulfadimidine	Flesh	0.05	Not Set	1	0	0
sulfadoxine	Flesh	0.05	Not Set	1	0	0
sulfafurazole	Flesh	0.05	Not Set	1	0	0
sulfamerazine	Flesh	0.05	Not Set	1	0	0
sulfamethoxazole	Flesh	0.05	Not Set	1	0	0
sulfamethoxypyridazine	Flesh	0.05	Not Set	1	0	0
sulfapyridine	Flesh	0.05	Not Set	1	0	0
sulfaquinoxaline	Flesh	0.05	Not Set	1	0	0
sulfathiazole	Flesh	0.05	Not Set	1	0	0
sulfatroxazole	Flesh	0.05	Not Set	1	0	0

Table 90 VETERINARY DRUGS AND AMINAL TREATMENTS, Antibiotic, Tetracyclines

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
chlortetracycline	Flesh	0.05	Not Set	1	0	0
doxycycline	Flesh	0.05	Not Set	1	0	0
oxytetracycline	Flesh	0.1	Not set	1	0	0
tetracycline	Flesh	0.1	Not Set	1	0	0

Table 101 VETERINARY DRUGS AND AMINAL TREATMENTS, Antibiotic, Other

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
avilamycin	Flesh	0.1	Not Set	1	0	0
trimethoprim	Flesh	0.05	Not Set	1	0	0
virginiamycin	Flesh	0.2	Not Set	1	0	0

Table 112 AGRICULTURE CHEMICALS AND ANIMAL TREATMENTS, Dyes, Triphenylmethane dyes

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
crystal violet	Flesh	0.0011	Not Set	1	0	0
leucocrystal violet	Flesh	0.0013	Not Set	1	0	0
leucomalachite green	Flesh	0.0007	Not Set	1	0	0
malachite green	Flesh	0.0008	Not Set	1	0	0

Table 13 AGRICULTURE CHEMICALS AND ANIMAL TREATMENTS, Insecticides, Other

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
spinetoram	Flesh	0.005	Not Set	1	0	0
spinosad	Flesh	0.005	Not Set	1	0	0

Table 124 AGRICULTURE CHEMICALS AND ANIMAL TREATMENTS, Environmental Contaminants, Metals

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
antimony	Flesh	0.01	No Limit	1	0	N/A
arsenic (total)	Flesh	0.05	No Limit	1	1	N/A
cadmium	Flesh	0.01	No Limit	1	0	N/A
chromium	Flesh	0.05	No Limit	1	0	N/A
lead	Flesh	0.01	No Limit	1	0	N/A
mercury (methyl)	Flesh	0.01	No Limit	1	1	N/A
mercury (total)	Flesh	0.01	0.5	1	1	0

LOR = Limit of reporting; Aust. Std = Australian Standard

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.

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 urine and faeces.

n/a - Australian Standard does not apply. No limit set or defined.