



Honey Annual Results 2011-12

Table 1 VETERINARY DRUGS AND ANIMAL TREATMENTS. ANTIBIOTICS: AMINOGLYCOSIDES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
dihydrostreptomycin	Honey	0.04	Not set	41	0	0
neomycin	Honey	0.1	Not set	41	0	0
streptomycin	Honey	0.04	Not set	41	0	0

Table 2 VETERINARY DRUGS AND ANIMAL TREATMENTS. ANTIBIOTICS: MACROLIDES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
tylosin	Honey	0.02	Not set	41	0	0

Table 3 VETERINARY DRUGS AND ANIMAL TREATMENTS. ANTIBIOTICS: NITROFURANS

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
AHD	Honey	0.0004	Not set	9	0	0
AMOZ	Honey	0.0004	Not set	9	0	0
AOZ	Honey	0.0004	Not set	9	0	0
SEM (semicarbazide)	Honey	0.0004	Not set	9	0	0

Table 4 VETERINARY DRUGS AND ANIMAL TREATMENTS. ANTIBIOTICS: PHENICOLS

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
chloramphenicol	Honey	0.0003	Not set	9	0	0

Table 5 VETERINARY DRUGS AND ANIMAL TREATMENTS. ANTIBIOTICS: SULFONAMIDES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
sulfadiazine	Honey	0.05	Not set	41	0	0
sulfadimidine	Honey	0.05	Not set	41	0	0
sulfamerazine	Honey	0.05	Not set	41	0	0
sulfamethoxazole	Honey	0.05	Not set	41	0	0
sulfaquinoxaline	Honey	0.05	Not set	41	0	0
sulfathiazole	Honey	0.05	Not set	41	0	0

Table 6 VETERINARY DRUGS AND ANIMAL TREATMENTS. ANTIBIOTICS: TETRACYCLINES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
chlortetracycline	Honey	0.05	Not set	41	0	0
doxycycline	Honey	0.05	Not set	41	0	0
oxytetracycline	Honey	0.05	0.3	41	0	0
tetracycline	Honey	0.05	Not set	41	0	0

Table 7 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. FUNGICIDES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
cyproconazole	Honey	0.005	Not set	23	0	0
flutriafol	Honey	0.005	Not set	23	0	0
procymidone	Honey	0.005	Not set	23	0	0
propiconazole	Honey	0.005	Not set	23	0	0
quintozene	Honey	0.005	Not set	23	0	0

Table 8 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. HERBICIDES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
ethofumesate	Honey	0.1	Not set	23	0	0
metolachlor	Honey	0.05	Not set	23	0	0
propachlor	Honey	0.02	Not set	23	0	0

Table 9 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. INSECTICIDES: CARBAMATES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
carbaryl	Honey	0.02	Not set	23	0	0

Table 10 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. INSECTICIDES: ORGANOCHLORINES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
dicofol	Honey	0.01	Not set	23	0	0
endosulfan	Honey	0.02	Not set	23	0	0
methoxychlor	Honey	0.01	Not set	23	0	0

Table 11 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. INSECTICIDES: ORGANOPHOSPHATES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
chlorfenvinphos	Honey	0.01	Not set	23	0	0
chlorpyrifos	Honey	0.02	Not set	23	0	0
chlorpyrifos-methyl	Honey	0.01	Not set	23	0	0
coumaphos	Honey	0.01	Not set	23	0	0
diazinon	Honey	0.01	Not set	23	0	0
dichlorvos	Honey	0.03	Not set	23	0	0
dimethoate	Honey	0.01	Not set	23	0	0

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
ethion	Honey	0.01	Not set	23	0	0
famphur	Honey	0.02	Not set	23	0	0
fenitrothion	Honey	0.01	Not set	23	0	0
fenthion	Honey	0.05	Not set	23	0	0
malathion	Honey	0.01	Not set	23	0	0
methidathion	Honey	0.01	Not set	23	0	0
omethoate	Honey	0.005	Not set	23	0	0
parathion-methyl	Honey	0.01	Not set	23	0	0
phosmet	Honey	0.02	Not set	23	0	0
pirimiphos-methyl	Honey	0.01	Not set	23	0	0
prothiofos	Honey	0.01	Not set	23	0	0
temephos	Honey	0.1	Not set	23	0	0

Table 12 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. INSECTICIDES: PYRETHROIDS

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
bifenthrin	Honey	0.01	Not set	23	0	0
bioresmethrin	Honey	0.02	Not set	23	0	0
cyfluthrin	Honey	0.01	Not set	23	0	0
cyhalothrin	Honey	0.01	Not set	23	0	0
cypermethrin	Honey	0.01	0.01	23	0	0
deltamethrin	Honey	0.01	Not set	23	0	0
fenvalerate	Honey	0.02	Not set	23	0	0
flumethrin	Honey	0.01	0.005	23	0	0
permethrin	Honey	0.01	Not set	23	0	0
tau-fluvalinate	Honey	0.005	0.01	23	0	0

Table 13 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. INSECTICIDES: OTHER

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
chlorfenapyr	Honey	0.02	Not set	23	0	0
indoxacarb	Honey	0.02	Not set	23	0	0
para-dichlorobenzene	Honey	0.001	0.1	45	5	0

Table 14 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. ENVIRONMENTAL CONTAMINANTS: PERSISTENT ORGANIC POLLUTANTS

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
aldrin and dieldrin	Honey	0.01	Not set	23	0	0
aroclor 1254 and aroclor 1260	Honey	0.01	No limit	23	0	0
chlordane	Honey	0.01	Not set	23	0	0
DDT	Honey	0.01	Not set	23	0	0
endrin	Honey	0.01	Not set	23	0	0
HCB	Honey	0.02	Not set	23	0	0
HCH	Honey	0.01	Not set	23	0	0
heptachlor	Honey	0.01	Not set	23	0	0
lindane	Honey	0.01	Not set	23	0	0
mirex	Honey	0.03	Not set	23	0	0

Table 15 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. ENVIRONMENTAL CONTAMINANTS

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
aluminium	Honey	0.5	No limit	40	29	n/a
lead	Honey	0.01	No limit	40	38	n/a
selenium	Honey	0.05	No limit	40	0	n/a
zinc	Honey	0.05	No limit	40	40	n/a

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