



## Goat Annual Results 2011-12

**Table 1 VETERINARY DRUGS AND ANIMAL TREATMENTS. ANTHELMINTICS: MACROCYCLIC LACTONES**

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
abamectin	Fat	0.005	0.1	102	0	0
doramectin	Fat	0.005	Not set	102	0	0
emamectin	Fat	0.005	0.002	102	0	0
eprinomectin	Fat	0.005	Not set	102	0	0
ivermectin	Fat	0.005	Not set	102	0	0
moxidectin	Fat	0.005	Not set	102	0	0

**Table 2 VETERINARY DRUGS AND ANIMAL TREATMENTS. ANTHELMINTICS: OTHER**

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
monepantel sulphone	Fat	0.005	Not set	102	0	0

**Table 3 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
apramycin	Kidney	0.1	2	5	0	0
dihydrostreptomycin	Kidney	0.1	0.3	5	0	0
gentamicin	Kidney	0.1	Not set	5	0	0
neomycin	Kidney	0.05	10	5	0	0
streptomycin	Kidney	0.1	0.3	5	0	0

**Table 4 VETERINARY DRUGS AND ANIMAL TREATMENTS. ANTIBIOTICS: BETA LACTAMS**

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples	Analytical findings (no. of detections)
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				tested	> LOR ≤ Aust. Std	> Aust. Std
amoxicillin	Kidney	0.01	0.01	5	0	0
ampicillin	Kidney	0.01	Not set	5	0	0
benzyl G penicillin	Kidney	0.01	0.06	5	0	0
cloxacillin	Kidney	0.1	Not set	5	0	0

**Table 5 VETERINARY DRUGS AND ANIMAL TREATMENTS. ANTIBIOTICS: CEPHALOSPORINS**

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
ceftiofur	Kidney	0.2	Not set	5	0	0
cefuroxime	Kidney	0.05	Not set	5	0	0
cephalonium	Kidney	0.05	Not set	5	0	0

**Table 6 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
erythromycin	Kidney	0.05	0.3	5	0	0
lincomycin	Kidney	0.05	0.2	5	0	0
oleandomycin	Kidney	0.5	0.1	5	0	0
tilmicosin	Kidney	0.2	Not set	5	0	0
tulathromycin	Kidney	0.3	Not set	5	0	0
tylosin	Kidney	0.1	Not set	5	0	0

**Table 7 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
sulfachloropyridazine	Kidney	0.05	Not set	5	0	0
sulfadiazine	Kidney	0.05	0.1	5	0	0
sulfadimethoxine	Kidney	0.05	Not set	5	0	0
sulfadimidine	Kidney	0.05	0.1	5	0	0
sulfadoxine	Kidney	0.05	0.1	5	0	0
sulfafurazole	Kidney	0.05	Not set	5	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
sulfamerazine	Kidney	0.05	Not set	5	0	0
sulfamethoxazole	Kidney	0.05	Not set	5	0	0
sulfamethoxydiazine	Kidney	0.05	Not set	5	0	0
sulfamethoxypyridazine	Kidney	0.05	Not set	5	0	0
sulfapyridine	Kidney	0.05	Not set	5	0	0
sulfaquinoxaline	Kidney	0.05	Not set	5	0	0
sulfathiazole	Kidney	0.05	Not set	5	0	0
sulfatroxazole	Kidney	0.05	0.1	5	0	0

**Table 8 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	Kidney	0.02	Not set	5	0	0
doxycycline	Kidney	0.05	Not set	5	0	0
oxytetracycline	Kidney	0.05	0.6	5	0	0
tetracycline	Kidney	0.05	Not set	5	0	0

**Table 9 VETERINARY DRUGS AND ANIMAL TREATMENTS. ANTIBIOTICS: OTHER**

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
avilamycin	Kidney	0.1	Not set	5	0	0
virginiamycin	Kidney	0.2	Not set	5	0	0

**Table 10 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
boscalid	Fat	0.01	0.3	100	0	0
cyproconazole	Fat	0.03	0.03	100	0	0
fluquinconazole	Fat	0.01	0.5	100	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
flutriafol	Fat	0.05	0.05	100	0	0
procymidone	Fat	0.1	0.2	100	0	0
propiconazole	Fat	0.05	0.1	100	0	0
prothioconazole	Fat	0.01	0.01	29	0	0
quintozene	Fat	0.05	Not set	100	0	0

**Table 11 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	Fat	0.1	0.5	100	0	0
metolachlor	Fat	0.05	0.05	100	0	0
propachlor	Fat	0.02	0.02	100	0	0
pyrasulfotole	Fat	0.01	0.01	29	0	0

**Table 12 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	Fat	0.1	0.2	100	0	0

**Table 13 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	Fat	0.01	Not set	100	0	0
endosulfan	Fat	0.02	0.2	100	0	0
methoxychlor	Fat	0.02	Not set	100	0	0

**Table 14 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	Fat	0.05	0.2	100	0	0
chlorpyrifos	Fat	0.1	0.5	100	0	0
chlorpyrifos-methyl	Fat	0.02	0.05	100	0	0
coumaphos	Fat	0.2	Not set	100	0	0
diazinon	Fat	0.05	0.7	100	0	0
dichlorvos	Fat	0.05	0.05	100	0	0
dimethoate	Fat	0.05	0.05	76	0	0
ethion	Fat	0.1	Not set	100	0	0
famphur	Fat	0.02	Not set	100	0	0
fenitrothion	Fat	0.02	0.05	100	0	0
fenthion	Fat	0.05	Not set	100	0	0
malathion	Fat	0.2	1	100	0	0
methidathion	Fat	0.1	Not set	100	0	0
omethoate	Fat	0.05	Not set	76	0	0
parathion-methyl	Fat	0.05	0.05	100	0	0
phosmet	Fat	0.02	0.05	100	0	0
pirimiphos-methyl	Fat	0.05	0.05	100	0	0
prothiofos	Fat	0.01	Not set	100	0	0
pyraclofos	Fat	0.04	Not set	100	0	0
temephos	Fat	0.1	Not set	100	0	0

**Table 15 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	Fat	0.02	2	100	0	0
bioresmethrin	Fat	0.02	Not set	100	0	0
cyfluthrin	Fat	0.01	0.5	100	0	0
cyhalothrin	Fat	0.02	0.5	100	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
cypermethrin	Fat	0.01	0.5	100	0	0
deltamethrin	Fat	0.02	0.2	100	0	0
fenvalerate	Fat	0.02	1	100	0	0
flumethrin	Fat	0.02	Not set	100	0	0
permethrin	Fat	0.02	1	100	1	0
tau-fluvalinate	Fat	0.01	Not set	100	0	0

**Table 16 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	Fat	0.05	0.05	100	0	0
fipronil	Fat	0.02	0.1	100	0	0
flubendiamide	Fat	0.01	0.05	100	0	0
imidacloprid	Fat	0.01	0.05	100	0	0
indoxacarb	Fat	0.1	1	100	0	0
spinetoram	Fat	0.005	0.01	102	0	0
spinosad	Fat	0.005	2	102	0	0

**Table 17 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	Fat	0.02	0.2	100	0	0
aroclor 1254 and aroclor 1260	Fat	0.03	0.2	100	0	0
chlordane	Fat	0.02	0.2	100	0	0
DDT	Fat	0.1	5	100	0	0
endrin	Fat	0.01	Not set	100	0	0
HCB	Fat	0.02	1	100	0	0
HCH	Fat	0.02	0.3	100	0	0
heptachlor	Fat	0.02	0.2	100	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
lindane	Fat	0.01	2	100	0	0
mirex	Fat	0.05	Not set	100	0	0
pentachlorobenzene	Fat	0.01	Not set	100	0	0

**Table 18 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. ENVIRONMENTAL CONTAMINANTS: METALS**

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
cadmium	Liver	0.01	No Limit	50	<b>34</b>	n/a
lead	Liver	0.01	No Limit	50	<b>7</b>	n/a
mercury	Liver	0.01	No Limit	50	<b>1</b>	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