



Goat residue testing annual datasets 2014–15

National Residue Survey, Department of Agriculture and Water Resources

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 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 Anthelmintics

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
abamectin	fat	0.005	0.1	100	0	0	0
derquantel	fat	0.005	not set	100	0	0	0
doramectin	fat	0.005	not set	100	0	0	0
emamectin	fat	0.002	0.01	100	0	0	0
eprinomectin	fat	0.005	not set	100	0	0	0
ivermectin	fat	0.005	not set	100	0	0	0
millbemectin	fat	0.05	0.002	75	0	0	0
monepantel sulphone	fat	0.005	not set	100	0	0	0
moxidectin	fat	0.005	not set	100	0	0	0
praziquantel	fat	0.005	not set	100	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
4-epichlortetracycline	kidney	0.01	not set	5	0	0	0
4-epioxytetracycline	kidney	0.01	0.6	5	0	0	0
4-epitetracycline	kidney	0.01	not set	5	0	0	0
amoxicillin	kidney	0.01	0.01	5	0	0	0
ampicillin	kidney	0.01	not set	5	0	0	0
apramycin	kidney	0.25	2	5	0	0	0
avilamycin	kidney	0.1	not set	5	0	0	0
benzyl G penicillin	kidney	0.01	0.06	5	0	0	0
ceftiofur	kidney	0.2	not set	5	0	0	0
cefuroxime	kidney	0.05	not set	5	0	0	0
cephalonium	kidney	0.05	not set	5	0	0	0
chlortetracycline	kidney	0.01	not set	5	0	0	0
cloxacillin	kidney	0.05	not set	5	0	0	0
dihydrostreptomycin	kidney	0.1	0.3	5	0	0	0
doxycycline	kidney	0.01	not set	5	0	0	0
erythromycin	kidney	0.1	0.3	5	0	0	0
gentamycin	kidney	0.1	not set	5	0	0	0
lincomycin	kidney	0.1	0.2	5	0	0	0
neomycin	kidney	0.1	10	5	0	0	0
oleandomycin	kidney	0.2	0.1	5	0	0	0
oxytetracycline	kidney	0.01	0.6	5	0	0	0
streptomycin	kidney	0.1	0.3	5	0	0	0
sulfachloropyridazine	kidney	0.05	not set	5	0	0	0
sulfadiazine	kidney	0.05	0.1	5	0	0	0
sulfadimethoxine	kidney	0.05	not set	5	0	0	0
sulfadimidine	kidney	0.05	0.1	5	0	0	0
sulfadoxine	kidney	0.05	0.1	5	0	0	0
sulfafurazole	kidney	0.05	not set	5	0	0	0
sulfamerazine	kidney	0.05	not set	5	0	0	0
sulfamethoxazole	kidney	0.05	not set	5	0	0	0
sulfamethoxydiazine	kidney	0.05	not set	5	0	0	0
sulfamethoxypyridazine	kidney	0.05	not set	5	0	0	0
sulfapyridine	kidney	0.05	not set	5	0	0	0
sulfaquinoxaline	kidney	0.05	not set	5	0	0	0
sulfathiazole	kidney	0.05	not set	5	0	0	0
sulfatroxazole	kidney	0.05	0.1	5	0	0	0
tetracycline	kidney	0.01	not set	5	0	0	0
tilmicosin	kidney	0.2	not set	5	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to \leq MRL	> MRL
trimethoprim	kidney	0.05	not set	5	0	0	0
tulathromycin	kidney	0.3	not set	5	0	0	0
tylosin	kidney	0.1	not set	5	0	0	0
virginiamycin	kidney	0.2	not set	5	0	0	0

Table 3 Contaminants

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to \leq MRL	> MRL
aldrin and dieldrin	fat	0.01	0.2	100	0	0	0
aroachlor 1254	fat	0.03	not set	100	0	0	0
aroachlor 1260	fat	0.03	not set	100	0	0	0
chlordane	fat	0.01	0.2	100	0	0	0
DDT	fat	0.01	5	100	1	0	0
endrin	fat	0.01	not set	100	0	0	0
HCB	fat	0.01	1	100	0	0	0
HCH	fat	0.01	0.3	100	0	0	0
heptachlor	fat	0.01	0.2	100	0	0	0
lindane	fat	0.01	2	100	0	0	0
mirex	fat	0.01	not set	100	0	0	0
pentachlorobenzene	fat	0.01	not set	100	0	0	0

Table 4 Fungicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to \leq MRL	> MRL
boscalid	fat	0.01	0.3	100	0	0	0
carbendazim	fat	0.01	0.2	100	0	0	0
cyproconazole	fat	0.01	0.03	100	0	0	0
fluquinconazole	fat	0.01	0.5	100	0	0	0
flutriafol	fat	0.01	0.05	100	0	0	0
fluxapyroxad	fat	0.01	0.05	100	0	0	0
procymidone	fat	0.01	0.2	100	0	0	0
propiconazole	fat	0.05	0.1	100	0	0	0
prothioconazole	fat	0.01	0.02	100	0	0	0
quintozene	fat	0.01	not set	100	0	0	0

Table 5 Herbicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to \leq MRL	> MRL
ethofumesate	fat	0.01	0.5	100	0	0	0
metolachlor	fat	0.01	0.05	100	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
propachlor	fat	0.01	0.02	100	0	0	0
pyrasulfotole	fat	0.01	0.01	100	0	0	0

Table 6 Insecticides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
bifenthrin	fat	0.01	2	100	0	0	0
bioresmethrin	fat	0.01	not set	100	0	0	0
carbaryl	fat	0.01	0.2	100	0	0	0
chlorantraniliprole	fat	0.01	0.02	100	0	0	0
chlorfenapyr	fat	0.01	0.05	100	0	0	0
chlorfenvinphos	fat	0.01	0.2	100	0	0	0
chlorpyrifos	fat	0.01	0.5	100	0	0	0
chlorpyrifos-methyl	fat	0.02	0.05	100	0	0	0
coumaphos	fat	0.01	not set	100	0	0	0
cyfluthrin	fat	0.01	0.5	100	0	0	0
cyhalothrin	fat	0.01	0.5	100	0	0	0
cypermethrin	fat	0.01	0.5	100	0	0	0
deltamethrin	fat	0.01	0.2	100	0	0	0
diafenthiuron	fat	0.02	not set	82	0	0	0
diazinon	fat	0.01	0.7	100	0	0	0
dichlorvos	fat	0.01	0.05	100	0	0	0
dicofol	fat	0.01	not set	100	0	0	0
dimethoate	fat	0.01	0.05	100	0	0	0
endosulfan	fat	0.01	not set	100	0	0	0
esfenvalerate	fat	0.02	1	22	0	0	0
ethion	fat	0.01	not set	100	0	0	0
famphur	fat	0.01	not set	100	0	0	0
famphur oxygen-analogue	fat	0.05	no limit	97	0	0	0
fenitrothion	fat	0.01	0.05	100	0	0	0
fenthion	fat	0.01	not set	100	0	0	0
fenvalerate	fat	0.01	1	100	0	0	0
fipronil	fat	0.01	0.1	100	0	0	0
flubendiamide	fat	0.01	0.05	100	0	0	0
flumethrin	fat	0.05	not set	100	0	0	0
imidacloprid	fat	0.01	0.05	100	0	0	0
indoxacarb	fat	0.01	1	100	0	0	0
malathion	fat	0.01	1	100	0	0	0
methidathion	fat	0.01	0.5	100	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
methoxychlor	fat	0.01	not set	100	0	0	0
omethoate	fat	0.01	not set	100	0	0	0
parathion-methyl	fat	0.01	not set	100	0	0	0
permethrin	fat	0.01	1	100	1	0	0
phosmet	fat	0.01	0.05	100	0	0	0
pirimiphos-methyl	fat	0.01	0.05	100	0	0	0
prothiofos	fat	0.01	not set	100	0	0	0
pyraclofos	fat	0.01	not set	100	0	0	0
spinetoram	fat	0.005	2	100	0	0	0
spinosad	fat	0.005	2	100	1	0	0
spirotetramat	fat	0.01	0.02	100	0	0	0
tau-fluvalinate	fat	0.01	not set	100	0	0	0
temephos	fat	0.01	not set	100	0	0	0

Table 7 Metals

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
antimony	liver	0.01	no limit	50	0	0	0
arsenic	liver	0.05	no limit	50	0	0	0
cadmium	liver	0.01	no limit	50	0	0	0
lead	liver	0.01	no limit	50	0	0	0
mercury	liver	0.01	no limit	50	0	0	0