



Goat residue testing annual datasets 2016–17

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
albendazole	liver	0.001	0.1	5	0	0	0
clorsulon	liver	0.08	not set	5	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 B1a	fat	0.005	not set	100	0	0	0
fenbendazole	liver	0.001	0.5	5	0	0	0
ivermectin H2B1a	fat	0.005	not set	100	0	0	0
mebendazole	liver	0.005	0.02	5	0	0	0
mebendazole, 5- hydroxy-	liver	0.005	not set	5	0	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to \leq ½ MRL	> ½ MRL to \leq MRL	> MRL
milbemectin	fat	0.05	0.002	100	0	0	0
monepantel sulphone	fat	0.005	not set	100	0	0	0
moxidectin	fat	0.005	not set	100	0	0	0
nitroxylin	liver	0.012	not set	5	0	0	0
oxfendazole	liver	0.001	3	5	0	0	0
oxibendazole	liver	0.001	not set	5	0	0	0
praziquantel	fat	0.005	not set	100	0	0	0
thiabendazole-A	liver	0.006	0.2	5	0	0	0

Table 2 Antibiotics

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to \leq ½ MRL	> ½ MRL to \leq MRL	> MRL
amoxicillin	kidney	0.01	0.01	34	0	0	0
ampicillin	kidney	0.01	not set	34	0	0	0
amprolium	liver	0.01	not set	30	0	0	0
apramycin	kidney	0.25	2	34	0	0	0
avilamycin	kidney	0.1	not set	34	0	0	0
benzyl G penicillin	kidney	0.01	0.06	34	0	0	0
ceftiofur	kidney	0.2	not set	34	0	0	0
cefuroxime	kidney	0.05	not set	34	0	0	0
cephalonium	kidney	0.05	not set	34	0	0	0
chlortetracycline	kidney	0.01	not set	34	0	0	0
ciprofloxacin	kidney	0.005	not set	10	0	0	0
cloxacillin	kidney	0.05	not set	34	0	0	0
danofloxacin	kidney	0.005	not set	10	0	0	0
difloxacin	kidney	0.005	not set	10	0	0	0
dihydrostreptomycin	kidney	0.1	0.3	34	0	0	0
doxycycline	kidney	0.01	not set	34	0	0	0
enrofloxacin	kidney	0.005	not set	10	0	0	0
erythromycin	kidney	0.1	0.3	34	0	0	0
flumequine	kidney	0.005	not set	10	0	0	0
gatifloxacin	kidney	0.005	not set	10	0	0	0
gentamycin	kidney	0.1	not set	34	0	0	0
halofuginone	liver	0.01	not set	30	0	0	0
lasalocid	liver	0.01	0.7	30	0	0	0
levofloxacin	kidney	0.005	not set	10	0	0	0
lincomycin	kidney	0.1	0.2	34	0	0	0
lomefloxacin	kidney	0.005	not set	10	0	0	0
maduramicin	liver	0.01	not set	30	0	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
marbofloxacin	kidney	0.005	not set	10	0	0	0
monensin	liver	0.01	0.05	30	0	0	0
moxifloxacin	kidney	0.005	not set	10	0	0	0
nalidixic acid	kidney	0.005	not set	10	0	0	0
narasin	liver	0.01	not set	30	0	0	0
neomycin	kidney	0.1	10	34	0	0	0
nicarbazin	liver	0.01	not set	30	0	0	0
norfloxacin	kidney	0.01	not set	19	0	0	0
oleandomycin	kidney	0.2	0.1	34	0	0	0
oxytetracycline	kidney	0.01	0.6	34	0	0	0
salinomycin	liver	0.01	not set	30	0	0	0
sarafloxacin	kidney	0.005	not set	10	0	0	0
semduramycin	liver	0.01	not set	30	0	0	0
streptomycin	kidney	0.1	0.3	34	0	0	0
sulfachloropyridazine	kidney	0.05	not set	34	0	0	0
sulfadiazine	kidney	0.05	0.1	34	0	0	0
sulfadimethoxine	kidney	0.05	not set	34	0	0	0
sulfadimidine	kidney	0.05	0.1	34	0	0	0
sulfadoxine	kidney	0.05	0.1	34	0	0	0
sulfafurazole	kidney	0.05	not set	34	0	0	0
sulfamerazine	kidney	0.05	not set	34	0	0	0
sulfamethoxazole	kidney	0.05	not set	34	0	0	0
sulfamethoxydiazine	kidney	0.05	not set	34	0	0	0
sulfamethoxypyridazine	kidney	0.05	not set	34	0	0	0
sulfapyridine	kidney	0.05	not set	34	0	0	0
sulfaquinoxaline	kidney	0.05	not set	34	0	0	0
sulfathiazole	kidney	0.05	not set	34	0	0	0
sulfatroxazole	kidney	0.05	0.1	34	0	0	0
tetracycline	kidney	0.01	not set	34	0	0	0
tilmicosin	kidney	0.2	not set	34	0	0	0
trimethoprim	kidney	0.05	not set	34	0	0	0
tulathromycin	kidney	0.3	not set	34	0	0	0
tylosin	kidney	0.1	not set	34	0	0	0
virginiamycin	kidney	0.2	not set	34	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	0.02	0.2	130	0	0	0
arochlor 1254	fat	0.03	0.2	130	0	0	0
arochlor 1260	fat	0.03	0.2	130	0	0	0
chlordane	fat	0.02	0.2	130	0	0	0
DDT	fat	0.05	5	130	0	0	0
endosulfan	fat	0.02	not set	130	0	0	0
endrin	fat	0.01	not set	130	0	0	0
HCB	fat	0.02	1	130	0	0	0
HCH	fat	0.02	0.3	130	0	0	0
heptachlor	fat	0.02	0.2	130	0	0	0
lindane	fat	0.01	2	130	0	0	0
mirex	fat	0.02	not set	130	0	0	0
pentachlorobenzene	fat	0.02	not set	130	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	130	0	0	0
carbendazim	fat	0.01	0.2	130	0	0	0
cyproconazole	fat	0.02	0.03	130	0	0	0
fluquinconazole	fat	0.01	0.5	130	0	0	0
flutriafol	fat	0.02	0.05	130	0	0	0
fluxapyroxad	fat	0.01	0.05	130	0	0	0
procymidone	fat	0.02	0.2	130	0	0	0
propiconazole	fat	0.05	0.1	130	0	0	0
prothioconazole	fat	0.02	0.02	130	0	0	0
quintozene	fat	0.02	not set	130	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	0.02	0.5	130	0	0	0
metolachlor	fat	0.02	0.05	130	0	0	0
propachlor	fat	0.02	0.02	130	0	0	0
pyrasulfotole	fat	0.01	0.01	130	0	0	0

Table 6 Hormones

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to \leq ½ MRL	> ½ MRL to \leq MRL	> MRL
betamethasone	liver	0.001	not set	5	0	0	0
dexamethasone	liver	0.001	not set	5	0	0	0
flumethasone	liver	0.001	not set	5	0	0	0
methylprednisolone	liver	0.001	not set	5	0	0	0
triamcinolone	liver	0.001	not set	5	0	0	0
triamcinolone acetonide	liver	0.001	not set	5	0	0	0

Table 7 Insecticides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to \leq ½ MRL	> ½ MRL to \leq MRL	> MRL
bifenthrin	fat	0.02	2	130	0	0	0
bioresmethrin	fat	0.02	not set	130	0	0	0
carbaryl	fat	0.01	0.07	130	0	0	0
chlorantraniliprole	fat	0.01	0.02	130	0	0	0
chlorfenapyr	fat	0.02	0.05	130	0	0	0
chlorfenvinphos	fat	0.02	0.2	130	0	0	0
chlorpyrifos	fat	0.02	0.5	130	0	0	0
chlorpyrifos-methyl	fat	0.02	0.05	130	0	0	0
coumaphos	fat	0.02	not set	130	0	0	0
cyfluthrin	fat	0.02	0.5	130	0	0	0
cyhalothrin	fat	0.02	0.5	130	0	0	0
cypermethrin	fat	0.02	0.5	130	0	0	0
deltamethrin	fat	0.02	0.2	130	0	0	0
diafenthiuron	fat	0.02	not set	130	0	0	0
diazinon	fat	0.02	0.7	130	0	0	0
dichlorvos	fat	0.02	0.01	130	0	0	0
dicofol	fat	0.01	not set	130	0	0	0
dimethoate	fat	0.02	0.05	130	0	0	0
esfenvalerate	fat	0.02	1	15	0	0	0
ethion	fat	0.02	not set	130	0	0	0
famphur	fat	0.02	not set	130	0	0	0
famphur oxygen-analogue	fat	0.05	not set	130	0	0	0
fenitrothion	fat	0.02	0.05	130	0	0	0
fenthion	fat	0.02	not set	130	0	0	0
fenvalerate	fat	0.02	1	130	0	0	0
fipronil	fat	0.02	0.1	130	0	0	0

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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
flubendiamide	fat	0.01	0.05	130	0	0	0
flumethrin	fat	0.05	not set	130	0	0	0
imidacloprid	fat	0.01	0.05	130	0	0	0
indoxacarb	fat	0.02	1	130	0	0	0
malathion	fat	0.01	1	130	0	0	0
methidathion	fat	0.02	0.5	130	0	0	0
methoxychlor	fat	0.02	not set	130	0	0	0
mevinphos	fat	0.01	not set	130	0	0	0
omethoate	fat	0.02	not set	130	0	0	0
parathion-methyl	fat	0.02	not set	130	0	0	0
permethrin	fat	0.02	1	130	0	0	0
phosmet	fat	0.02	0.05	130	0	0	0
pirimiphos-methyl	fat	0.02	0.05	130	0	0	0
prothiofos	fat	0.01	not set	130	0	0	0
pyraclofos	fat	0.02	not set	130	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	130	0	0	0
sulfoxaflor	fat	0.01	0.2	130	0	0	0
tau-fluvalinate	fat	0.01	not set	130	0	0	0
temephos	fat	0.02	not set	130	0	0	0

Table 8 Metals

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
antimony	liver	0.01	no limit	60	0	0	0
arsenic	liver	0.05	no limit	60	0	0	0
cadmium	liver	0.01	no limit	60	42	0	0
lead	liver	0.01	no limit	60	24	0	0
mercury	liver	0.01	no limit	60	0	0	0