Australian Government
Department of Agriculture and Water Resources

Goat residue testing annual datasets 2017–18

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, retina 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.

Disclaimer

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	0.005	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
fenbendazole sulfone	liver	0.001	not set	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

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
mebendazole, 5-hydroxy-	liver	0.005	not set	5	0	0	0
milbemectin	fat	0.01	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	3
nitroxynil	liver	0.012	1	5	0	0	0
oxfendazole (fenbendazole sulfoxide)	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	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 ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
amoxicillin	kidney	0.01	0.01	36	0	0	0
ampicillin	kidney	0.01	not set	36	0	0	0
amprolium	liver	0.01	not set	30	0	0	0
apramycin	kidney	0.25	2	36	0	0	0
avilamycin	kidney	0.1	not set	36	0	0	0
benzyl G penicillin	kidney	0.01	0.06	36	0	0	0
ceftiofur (desfuroylceftiofur)	kidney	0.2	not set	36	0	0	0
cefuroxime	kidney	0.05	not set	36	0	0	0
cephalonium	kidney	0.05	not set	36	0	0	0
chlortetracycline	kidney	0.01	not set	36	0	0	0
ciprofloxacin	kidney	0.005	not set	10	0	0	0
cloxacillin	kidney	0.05	not set	36	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	36	0	0	0
doxycycline	kidney	0.01	not set	36	0	0	0
enrofloxacin	kidney	0.005	not set	10	0	0	0
erythromycin	kidney	0.1	0.3	36	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	36	0	0	0
halofuginone	liver	0.01	not set	30	0	0	0
lasalocid	liver	0.01	0.7	30	1	0	0
levofloxacin	kidney	0.005	not set	10	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
lincomycin	kidney	0.1	0.2	36	0	0	0
lomefloxacin	kidney	0.005	not set	10	0	0	0
maduramicin	liver	0.002	not set	30	0	0	0
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	36	0	0	0
nicarbazin (4,4'-dinitrocarbanilide)	liver	0.01	not set	30	0	0	0
norfloxacin	kidney	0.005	not set	10	0	0	0
oleandomycin	kidney	0.2	0.1	36	0	0	0
orbifloxacin	kidney	0.005	not set	10	0	0	0
oxolinic acid	kidney	0.005	not set	10	0	0	0
oxytetracycline	kidney	0.01	0.6	36	0	0	0
salinomycin	liver	0.002	not set	30	0	0	0
sarafloxacin	kidney	0.005	not set	10	0	0	0
semduramycin	liver	0.002	not set	30	0	0	0
streptomycin	kidney	0.1	0.3	36	0	0	0
sulfachloropyridazine	kidney	0.05	not set	36	0	0	0
sulfadiazine	kidney	0.05	0.1	36	0	0	0
sulfadimethoxine	kidney	0.05	not set	36	0	0	0
sulfadimidine (sulfamethazine)	kidney	0.05	0.1	36	0	0	0
sulfadoxine	kidney	0.05	0.1	36	0	0	0
sulfafurazole	kidney	0.05	not set	36	0	0	0
sulfamerazine	kidney	0.05	not set	36	0	0	0
sulfamethoxazole	kidney	0.05	not set	36	0	0	0
sulfamethoxydiazine (sulfameter)	kidney	0.05	not set	36	0	0	0
sulfamethoxypyridazine	kidney	0.05	not set	36	0	0	0
sulfapyridine	kidney	0.05	not set	36	0	0	0
sulfaquinoxaline	kidney	0.05	not set	36	0	0	0
sulfathiazole	kidney	0.05	not set	36	0	0	0
sulfatroxazole	kidney	0.05	0.1	36	0	0	0
tetracycline	kidney	0.01	not set	36	0	0	0
tilmicosin	kidney	0.2	not set	36	0	0	0
trimethoprim	kidney	0.05	0.05	36	0	0	0
tulathromycin	kidney	0.3	not set	36	0	0	0
tylosin	kidney	0.1	not set	36	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
virginiamycin	kidney	0.2	not set	36	0	0	0

Table 3 Contaminants

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
aldrin and dieldrin (HHDN+HEOD)	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 (hexachlorobenzene)	fat	0.02	1	130	0	0	0
HCH (BHC)	fat	0.02	0.3	130	0	0	0
heptachlor	fat	0.02	0.2	130	0	0	0
lindane (gamma-HCH)	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 ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
bixafen	fat	0.02	0.2	64	0	0	0
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	0.02	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 ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
ethofumesate	fat	0.02	0.5	130	0	0	0
metazachlor	fat	0.01	0.05	64	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 ≤ ½ MRL	> ½ MRL to ≤ 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 ≤ ½ MRL	> ½ MRL to ≤ 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 (sum of isomers)	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 (sum of isomers)	fat	0.02	0.5	130	0	0	0
cyhalothrin (sum of isomers)	fat	0.02	0.5	130	0	0	0
cypermethrin (sum of isomers)	fat	0.02	0.5	130	1	0	0
deltamethrin	fat	0.02	0.2	130	1	0	0
diafenthiuron	fat	0.01	0.02	130	0	0	0
diazinon	fat	0.02	0.7	130	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
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
dinotefuran	fat	0.03	0.02	64	0	0	0
esfenvalerate	fat	0.02	1	130	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	0.02	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 (sum of isomers)	fat	0.02	1	130	0	0	0
fipronil	fat	0.02	0.1	130	0	0	0
flubendiamide	fat	0.01	0.05	130	0	0	0
flumethrin	fat	0.02	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 (maldison)	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	0.05	130	0	0	0
omethoate	fat	0.02	0.05	130	0	0	0
parathion-methyl	fat	0.02	not set	130	0	0	0
permethrin (sum of isomers)	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	0	0	0
spirotetramat	fat	0.02	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

Table 8 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	61	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
arsenic (total)	liver	0.05	no limit	61	0	0	0
cadmium	liver	0.01	no limit	61	44	0	0
lead	liver	0.01	no limit	61	18	0	0
mercury (total)	liver	0.01	no limit	61	3	0	0