Australian Government
Department of Agriculture, Water and the Environment

Goat residue testing annual datasets 2019–20

National Residue Survey (NRS), Department of Agriculture, Water and the Environment

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)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
abamectin	fat	0.005	0.1	100	0	0	0
albendazole	liver	0.001	0.1	5	1	0	0
clorsulon	liver	0.08	not set	5	0	0	0
closantel	liver	0.05	not set	5	0	0	1
derquantel	fat	0.001	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
fenbendazole sulfone	liver	0.001	not set	5	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
fluensulfone	fat	0.01	0.01	49	0	0	0
ivermectin H2B1a	fat	0.005	not set	100	0	0	0
levamisole	liver	0.001	1	5	1	0	0
mebendazole	liver	0.005	0.02	5	0	0	0
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
morantel	liver	0.001	2	5	0	0	0
moxidectin	fat	0.005	not set	100	0	0	4
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
oxyclozanide	liver	0.005	2	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)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amoxicillin	kidney	0.01	0.01	34	0	0	0
ampicillin	kidney	0.01	not set	34	0	0	0
apramycin	kidney	0.5	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 (desfuroylceftiofur)	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

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
gatifloxacin	kidney	0.005	not set	10	0	0	0
gentamycin	kidney	0.1	not set	34	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
marbofloxacin	kidney	0.005	not set	10	0	0	0
moxifloxacin	kidney	0.005	not set	10	0	0	0
nalidixic acid	kidney	0.005	not set	10	0	0	0
neomycin	kidney	0.1	10	34	0	0	0
norfloxacin	kidney	0.005	not set	10	0	0	0
oleandomycin	kidney	0.2	0.1	34	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	34	0	0	0
sarafloxacin	kidney	0.005	not set	10	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 (sulfamethazine)	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 (sulfameter)	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	0.05	34	0	0	0
tulathromycin	kidney	0.3	not set	34	0	0	1
tylosin	kidney	0.1	not set	34	0	0	0
virginiamycin	kidney	0.005	not set	34	0	0	0

Table 3: Anticoccidials

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amprolium	liver	0.01	not set	29	0	0	0
decoquinate	liver	0.002	not set	29	0	0	0
diclazuril	liver	0.01	not set	29	0	0	0
halofuginone	liver	0.01	not set	29	0	0	0
lasalocid	liver	0.01	0.7	29	0	0	0
maduramicin	liver	0.002	not set	29	0	0	0
monensin	liver	0.01	0.05	29	0	0	0
narasin	liver	0.01	not set	29	0	0	0
nicarbazin (4,4'-dinitrocarbanilide)	liver	0.01	0.1	29	0	0	0
salinomycin	liver	0.002	not set	29	0	0	0
semduramycin	liver	0.002	not set	29	0	0	0
toltrazuril	liver	0.01	not set	29	0	0	0

Table 4: Contaminants

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL 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 5: Fungicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amisulbrom	fat	0.01	0.01	130	0	0	0
azoxystrobin	fat	0.01	0.02	49	0	0	0
bixafen	fat	0.02	0.2	130	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤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
difenoconazole	fat	0.01	0.05	130	0	0	0
epoxiconazole	fat	0.01	0.01	49	0	0	0
fenpyrazamine	fat	0.01	0.01	49	0	0	0
fludioxonil	fat	0.01	0.05	130	0	0	0
fluopicolide	fat	0.01	0.01	130	0	0	0
fluopyram	fat	0.01	0.1	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
imazalil	fat	0.01	not set	130	0	0	0
isopyrazam	fat	0.01	0.01	49	0	0	0
mandestrobin	fat	0.01	0.02	130	0	0	0
procymidone	fat	0.02	0.2	130	0	0	0
propamocarb	fat	0.01	0.01	130	0	0	0
propiconazole	fat	0.02	0.1	130	0	0	0
prothioconazole	fat	0.02	0.02	130	0	0	0
pydiflumetofen	fat	0.01	0.01	49	0	0	0
pyraclostrobin	fat	0.01	0.05	49	0	0	0
pyrimethanil	fat	0.01	0.05	130	0	0	0
pyriofenone	fat	0.01	0.01	130	0	0	0
quinoxyfen	fat	0.01	0.1	130	0	0	0
quintozene	fat	0.02	0.2	130	0	0	0
spiroxamine	fat	0.01	0.05	49	0	0	0
tebuconazole	fat	0.01	0.1	130	0	0	0
trifloxystrobin	fat	0.01	0.05	130	0	0	0

Table 6: Herbicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amicarbazone	fat	0.01	0.01	49	0	0	0
cloquintocet	fat	0.01	0.1	130	0	0	0
ethofumesate	fat	0.02	0.5	130	0	0	0
florpyrauxifen-benzyl	fat	0.01	0.02	49	0	0	0
indaziflam	fat	0.01	not set	130	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
metamitron	fat	0.01	0.05	49	0	0	0
metazachlor	fat	0.01	0.05	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
pyroxsulam	fat	0.01	0.01	130	0	0	0
saflufenacil	fat	0.01	0.01	130	0	0	0
topramezone	fat	0.01	0.01	49	0	0	0

Table 7: Hormones

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL 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 8: Insecticides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
acetamiprid	fat	0.01	0.01	130	0	0	0
afidopyropen	fat	0.012	0.1	49	0	0	0
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	0.01	0.5	130	0	0	0
chlorpyrifos-methyl	fat	0.01	0.05	130	0	0	0
clothianidin	fat	0.01	0.02	130	0	0	0
coumaphos	fat	0.02	not set	130	0	0	0
cyantraniliprole	fat	0.01	0.01	130	0	0	0
cyclaniliprole	fat	0.01	0.01	49	0	0	0
cyfluthrin (sum of isomers)	fat	0.02	0.5	130	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
cyhalothrin (sum of isomers)	fat	0.02	0.5	130	0	0	0
cypermethrin (sum of isomers)	fat	0.02	0.5	130	0	0	0
deltamethrin	fat	0.02	0.2	130	0	0	0
diafenthiuron	fat	0.01	0.02	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
dinotefuran	fat	0.03	0.02	130	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
flonicamid	fat	0.01	0.02	130	0	0	0
flubendiamide	fat	0.01	0.05	130	0	0	0
flumethrin	fat	0.02	not set	130	0	0	0
flupyradifurone	fat	0.01	not set	49	0	0	0
imidacloprid	fat	0.01	0.05	130	0	0	0
indoxacarb	fat	0.02	3	130	0	0	0
malathion (maldison)	fat	0.01	1	130	0	0	0
metaflumizone	fat	0.01	not set	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	0.05	130	0	0	0
spinetoram	fat	0.005	2	100	0	0	0
spinosad	fat	0.005	2	100	2	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
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
temephos	fat	0.02	not set	130	0	0	0

Table 9: Metals

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
antimony	liver	0.01	no limit	60	0	0	0
arsenic (total)	liver	0.05	no limit	60	1	0	0
cadmium	liver	0.01	no limit	60	45	0	0
lead	liver	0.01	no limit	60	42	0	0
mercury (total)	liver	0.01	no limit	60	2	0	0