



Beef residue testing annual datasets 2022-23

National Residue Survey (NRS), Department of Agriculture, Fisheries and Forestry

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

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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	516	0	0	0
albendazole	Liver	0.001	0.1	514	1	0	0
clorsulon	Liver	0.08	0.1	514	0	0	0
closantel	Liver	0.05	not set	514	0	0	0
derquantel	Fat	0.001	not set	516	0	0	0
doramectin	Fat	0.005	0.1	516	0	0	0
emamectin	Fat	0.002	0.01	516	0	0	0
eprinomectin	Fat	0.005	0.5	516	0	0	0
fenbendazole	Liver	0.001	0.1	514	3	0	0
fenbendazole sulfone	Liver	0.001	0.1	514	0	0	0
flubendazole	Liver	0.001	not set	514	0	0	0
fluensulfone	Fat	0.01	0.01	1289	0	0	0
ivermectin	Fat	0.005	0.2	516	0	0	0
levamisole	Liver	0.001	1	514	10	0	0
mebendazole	Liver	0.005	0.02	514	0	0	0
mebendazole, 5-hydroxy-	Liver	0.005	0.02	514	0	0	0
milbemectin	Fat	0.01	0.002	516	0	0	0
monepantel sulphone	Fat	0.005	7	516	0	0	0
morantel	Liver	0.001	2	514	0	0	0
moxidectin	Fat	0.005	1	516	21	0	0
nitroxylnil	Liver	0.012	1	514	0	0	0
oxfendazole (fenbendazole sulfoxide)	Liver	0.001	3	514	0	0	0
oxibendazole	Liver	0.001	not set	514	0	0	0
oxyclozanide	Liver	0.005	2	514	0	0	0
parbendazole	Liver	0.001	not set	514	0	0	0
praziquantel	Fat	0.005	not set	516	0	0	0
rafoxanide	Liver	0.01	not set	514	0	0	0
thiabendazole	Liver	0.004	0.2	514	0	0	0
triclabendazole	Liver	0.05	2	650	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
AHD	Retina	0.002	not defined	71	0	-	-
amoxicillin	Kidney	0.01	0.01	932	0	0	0
AMOZ	Retina	0.002	not defined	71	0	-	-
ampicillin	Kidney	0.005	not set	932	0	0	0

AOZ	Retina	0.002	not defined	71	0	-	-
apramycin	Kidney	0.05	2	932	0	0	0
avilamycin	Kidney	0.05	not set	932	0	0	0
benzyl G penicillin	Kidney	0.01	0.06	932	0	0	0
ceftiofur (desfuroylceftiofur)	Kidney	0.1	2	932	0	0	0
cefuroxime	Kidney	0.05	0.1	932	0	0	0
cephalonium	Kidney	0.005	0.1	932	0	0	0
chloramphenicol	Muscle	0.0001	not set	481	0	0	0
chlortetracycline	Kidney	0.01	0.6	932	8	0	0
ciprofloxacin	Kidney	0.005	not set	51	0	0	0
cloxacillin	Kidney	0.005	not set	932	0	0	0
danofloxacin	Kidney	0.005	not set	51	0	0	0
difloxacin	Kidney	0.005	not set	51	0	0	0
dihydrostreptomycin	Kidney	0.05	0.3	932	0	0	0
doxycycline	Kidney	0.01	not set	932	0	0	0
enrofloxacin	Kidney	0.005	not set	51	0	0	0
erythromycin	Kidney	0.05	0.3	932	0	0	0
florfenicol	Muscle	0.003	0.3	481	0	0	0
flumequine	Kidney	0.005	not set	51	0	0	0
gatifloxacin	Kidney	0.005	not set	51	0	0	0
gentamycin	Kidney	0.05	not set	932	0	0	0
levofloxacin	Kidney	0.005	not set	51	0	0	0
lincomycin	Kidney	0.05	0.2	932	0	0	0
lomefloxacin	Kidney	0.005	not set	51	0	0	0
marbofloxacin	Kidney	0.005	not set	51	0	0	0
moxifloxacin	Kidney	0.005	not set	51	0	0	0
nalidixic acid	Kidney	0.005	not set	51	0	0	0
neomycin	Kidney	0.05	10	932	0	0	0
norfloxacin	Kidney	0.005	not set	51	0	0	0
oleandomycin	Kidney	0.05	0.1	932	0	0	0
orbifloxacin	Kidney	0.005	not set	51	0	0	0
oxolinic acid	Kidney	0.005	not set	51	0	0	0
oxytetracycline	Kidney	0.01	0.6	932	7	0	0
sarafloxacin	Kidney	0.005	not set	51	0	0	0
SEM	Retina	0.002	not defined	71	0	-	-
streptomycin	Kidney	0.05	0.3	932	0	0	0
sulfachloropyridazine	Kidney	0.02	not set	932	0	0	0
sulfadiazine	Kidney	0.01	0.1	932	0	0	0
sulfadimethoxine	Kidney	0.02	not set	932	0	0	0
sulfadimidine (sulfamethazine)	Kidney	0.01	0.1	932	0	0	0
sulfadoxine	Kidney	0.02	0.1	932	0	0	0
sulfafurazole	Kidney	0.02	not set	932	0	0	0
sulfamerazine	Kidney	0.02	not set	932	0	0	0
sulfamethoxazole	Kidney	0.02	not set	932	0	0	0
sulfamethoxydiazine (sulfameter)	Kidney	0.02	not set	932	0	0	0
sulfamethoxypyridazine	Kidney	0.02	not set	932	0	0	0
sulfapyridine	Kidney	0.02	not set	932	0	0	0
sulfaquinoxaline	Kidney	0.02	not set	932	0	0	0
sulfathiazole	Kidney	0.02	not set	932	0	0	0
sulfatroxazole	Kidney	0.02	0.1	932	0	0	0
tetracycline	Kidney	0.01	not set	932	0	0	0
thiamphenicol	Muscle	0.0029	not set	481	0	0	0
tilmicosin	Kidney	0.05	1	932	0	0	0
trimethoprim	Kidney	0.01	0.05	932	0	0	0
tulathromycin	Kidney	0.05	1	932	3	0	0
tylosin	Kidney	0.1	0.1	932	0	0	0
virginiamycin	Kidney	0.005	0.2	932	0	0	0

*In some instances, tetracycline may be present as an impurity in a chlortetracycline or oxytetracycline product and is not considered to be a violative residue.

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	513	0	0	0
decoquinate	Liver	0.002	not set	513	0	0	0
diclazuril	Liver	0.01	not set	513	0	0	0
halofuginone	Liver	0.01	0.03	513	0	0	0
lasalocid	Liver	0.01	0.7	513	0	0	0
maduramicin	Liver	0.002	not set	513	0	0	0
monensin	Liver	0.01	0.05	513	4	0	0
narasin	Liver	0.01	0.05	513	0	0	0
nicarbazin (4,4'-dinitrocarbanilide)	Liver	0.01	not set	513	0	0	0
salinomycin	Liver	0.002	0.5	513	0	0	0
semduramycin	Liver	0.002	not set	513	0	0	0
toltrazuril	Liver	0.01	2	513	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	1289	0	0	0
arochlor 1254	Fat	0.03	0.2	1289	0	0	0
arochlor 1260	Fat	0.03	0.2	1289	0	0	0
chlordane	Fat	0.02	0.2	1289	0	0	0
DDT	Fat	0.05	5	1289	3	0	0
endosulfan	Fat	0.02	not set	1289	0	0	0
endrin	Fat	0.01	not set	1289	0	0	0
HCB (hexachlorobenzene)	Fat	0.02	1	1289	0	0	0
HCH (BHC)	Fat	0.02	0.3	1289	0	0	0
heptachlor	Fat	0.02	0.2	1289	0	0	0
lindane (gamma-HCH)	Fat	0.01	2	1289	0	0	0
mirex	Fat	0.02	not set	1289	0	0	0
pentachlorobenzene	Fat	0.02	not set	1289	0	0	0

Table 5: DIOXINS

Chemical	Matrix	LOR (pg/g)	MRL (pg/g)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
Dioxin-like PCBs Upper Bound	Fat	0	no limit	20	20	0	0
Dioxins+Furans Upper Bound	Fat	0	no limit	20	20	0	0
Dioxins+Furans+Dioxin-likePCBs Upper Bound	Fat	0	no limit	20	20	0	0

*pg TEQ/g (fat) expressed on an upper bound basis.

Table 6: 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	1289	0	0	0
azoxystrobin	Fat	0.01	0.02	1289	0	0	0
benzovindiflupyr	Fat	0.01	0.01	1289	0	0	0
bixafen	Fat	0.01	0.2	1289	0	0	0
boscalid	Fat	0.01	0.3	1289	0	0	0
carbendazim	Fat	0.01	0.2	1289	0	0	0
cyproconazole	Fat	0.02	0.03	1289	0	0	0
difenoconazole	Fat	0.01	0.05	1289	0	0	0
epoxiconazole	Fat	0.01	0.01	1289	0	0	0
fenhexamid	Fat	0.01	0.05	1289	0	0	0
fenpyrazamine	Fat	0.01	0.01	1289	0	0	0
fludioxonil	Fat	0.01	0.05	1289	0	0	0
fluopicolide	Fat	0.01	0.01	1289	0	0	0
fluopyram	Fat	0.01	0.1	1289	0	0	0
fluquinconazole	Fat	0.01	0.5	1289	0	0	0
flutriafol	Fat	0.02	0.05	1289	0	0	0
fluxapyroxad	Fat	0.01	0.05	1289	0	0	0
imazalil	Fat	0.01	not set	1289	0	0	0
ipconazole	Kidney	0.02	0.01	483	0	0	0
isofetamid	Fat	0.01	0.02	1289	0	0	0
isopyrazam	Fat	0.01	0.005	1289	0	0	0
mandestrobin	Fat	0.01	0.02	1289	0	0	0
mefentrifluconazole	Fat	0.01	0.2	1289	0	0	0
procymidone	Fat	0.02	0.2	1289	0	0	0
propamocarb	Fat	0.01	0.01	1289	0	0	0
propiconazole	Fat	0.02	0.1	1289	0	0	0
proquinazid	Fat	0.01	0.01	1289	0	0	0
prothioconazole	Fat	0.02	0.02	1289	0	0	0
pydiflumetofen	Fat	0.01	0.02	1289	0	0	0
pyraclostrobin	Fat	0.01	0.05	1289	0	0	0
pyrimethanil	Fat	0.01	0.05	1289	0	0	0
pyriofenone	Fat	0.01	0.01	1289	0	0	0
quinoxifen	Fat	0.01	0.1	1289	0	0	0
quintozene	Fat	0.02	0.2	1289	0	0	0
spiroxamine	Fat	0.01	0.05	1289	0	0	0
tebuconazole	Fat	0.01	0.1	1289	0	0	0
trifloxystrobin	Fat	0.01	0.05	1289	0	0	0

Table 7: HERBICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
2,2-DPA (2,2-dichloropropionic acid)	Kidney	0.3	0.2	483	0	0	0
2,4-D	Kidney	0.03	7	483	1	0	0
amicarbazone	Fat	0.01	0.01	1289	0	0	0
amitrole	Kidney	0.01	0.01	483	0	0	0

atrazine	Kidney	0.015	0.1	483	0	0	0
bixlozone	Kidney	0.01	0.01	483	0	0	0
bromacil	Kidney	0.015	0.04	483	0	0	0
bromoxynil	Kidney	0.05	3	483	0	0	0
carfentrazone-ethyl	Kidney	0.02	0.05	483	0	0	0
chlormequat	Kidney	0.01	0.5	483	0	0	0
chlorpropham	Kidney	0.01	not set	483	0	0	0
chlorsulfuron	Kidney	0.025	0.05	483	0	0	0
chlorthal-dimethyl	Kidney	0.015	0.05	483	0	0	0
cinmethylin	Fat	0.01	0.01	1289	0	0	0
clethodim	Kidney	0.02	0.05	483	0	0	0
clodinafop-propargyl	Kidney	0.02	0.05	483	0	0	0
clopyralid	Kidney	0.34	5	483	0	0	0
cloquintocet-mexyl	Fat	0.01	0.1	1289	0	0	0
cyanazine	Kidney	0.02	not set	483	0	0	0
dicamba	Kidney	1.3	0.05	483	0	0	0
dichlobenil	Kidney	0.01	not set	483	0	0	0
dichlorprop-P	Kidney	0.025	0.05	483	0	0	0
diclofop-methyl	Kidney	0.01	0.05	483	0	0	0
diflufenican	Kidney	0.02	0.1	483	0	0	0
diquat	Kidney	0.02	0.05	483	0	0	0
diuron	Kidney	0.02	3	483	0	0	0
ethofumesate	Fat	0.02	0.5	1289	0	0	0
fenoxaprop-ethyl	Kidney	0.015	0.2	483	0	0	0
flamprop-M-methyl	Kidney	0.01	0.01	483	0	0	0
florpyrauxifen-benzyl	Fat	0.01	0.02	1289	0	0	0
fluazifop-p-butyl	Kidney	0.025	0.05	483	0	0	0
flumetsulam	Kidney	0.01	0.3	483	0	0	0
fomesafen	Kidney	0.01	0.02	483	0	0	0
glufosinate	Kidney	0.01	5	483	0	0	0
glyphosate	Kidney	0.01	2	483	35	0	0
haloxyfop	Kidney	0.01	0.5	483	0	0	0
imazamox	Kidney	0.025	0.05	483	0	0	0
imazapic	Kidney	0.01	0.05	483	0	0	0
imazapyr	Kidney	0.015	0.05	483	0	0	0
imazaquin	Kidney	0.015	not set	483	0	0	0
imazethapyr	Kidney	0.02	0.1	483	0	0	0
indaziflam	Fat	0.01	not set	1289	0	0	0
iodosulfuron-methyl	Kidney	0.015	0.01	483	0	0	0
ioxynil	Kidney	0.02	not set	483	0	0	0
isoxaben	Kidney	0.02	0.01	483	0	0	0
linuron	Kidney	0.015	1	483	0	0	0
MCPA	Kidney	0.015	0.05	483	0	1	0
mesotrione	Kidney	0.01	0.01	483	0	0	0
metamitron	Fat	0.01	0.05	1289	0	0	0
metazachlor	Fat	0.01	0.05	1289	0	0	0
methabenzthiazuron	Kidney	0.01	not set	483	0	0	0
metolachlor	Fat	0.02	0.05	1289	0	0	0
metosulam	Kidney	0.02	0.01	483	0	0	0
metribuzin	Kidney	0.02	0.05	483	0	0	0
metsulfuron-methyl	Kidney	0.02	0.1	483	0	0	0
napropamide	Kidney	0.02	0.08	483	0	0	0
norflurazon	Kidney	0.015	not set	483	0	0	0
oryzalin	Kidney	0.04	not set	483	0	0	0
paraquat	Kidney	0.01	0.5	483	0	0	0
pendimethalin	Kidney	0.04	0.01	483	0	0	0
picloram	Kidney	0.04	5	483	0	0	0
propachlor	Fat	0.02	0.02	1289	0	0	0
propyzamide	Kidney	0.015	0.2	483	0	0	0
pyrasulfotole	Fat	0.01	0.01	1289	0	0	0
pyroxsulam	Fat	0.01	0.01	1289	0	0	0
quizalofop-ethyl	Kidney	0.01	0.2	483	0	0	0
quizalofop-P-tefuryl	Kidney	0.01	0.2	483	0	0	0
saflufenacil	Fat	0.01	0.01	1289	0	0	0
sethoxydim	Kidney	0.01	0.05	483	0	0	0
simazine	Kidney	0.02	0.05	483	0	0	0
tiafenacil	Kidney	0.01	0.02	483	0	0	0
topramezone	Fat	0.01	0.01	1289	0	0	0
tralkoxydim	Kidney	0.13	not set	483	0	0	0
triasulfuron	Kidney	0.03	0.05	483	0	0	0
triclopyr	Kidney	0.04	5	483	0	0	0
trifludimoxazin	Fat	0.01	0.01	1289	0	0	0
trifluralin	Kidney	0.01	0.05	483	0	0	0

Table 8: HORMONES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
16-hydroxystanozolol	Urine	0.001	not defined	477	0	-	-
betamethasone	Liver	0.001	not set	30	0	0	0
boldenone 17-alpha	Urine	0.001	not defined	477	6	-	-
boldenone 17-beta	Urine	0.001	not defined	477	0	-	-
dexamethasone	Liver	0.001	0.1	30	0	0	0
dienoestrol	Liver	0.0002	not set	513	0	0	0
diethylstilboestrol	Liver	0.0002	not set	513	0	0	0
flumethasone	Liver	0.001	not set	30	0	0	0
hexoestrol	Liver	0.0002	not set	513	0	0	0
methandriol	Urine	0.005	not defined	477	0	-	-
methylprednisolone	Liver	0.001	not set	30	0	0	0
nortestosterone 17-alpha	Urine	0.001	not defined	477	19	-	-
nortestosterone 17-beta	Urine	0.001	not defined	477	0	-	-
stanozolol	Urine	0.001	not defined	477	0	-	-
trenbolone	Liver	0.0005	0.01	513	36	0	0
triamcinolone	Liver	0.001	not set	30	0	0	0
triamcinolone acetonide	Liver	0.001	not set	30	0	0	0
zeranol (alpha-zearalanol)	Liver	0.002	0.02	513	0	0	0

Table 9: INSECTICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
acequinocyl	Fat	0.01	0.02	1289	0	0	0
acetamiprid	Fat	0.01	0.01	1289	0	0	0
afidopyropen	Fat	0.012	0.1	1289	0	0	0
bifenthrin	Fat	0.02	2	1289	0	0	0
bioresmethrin	Fat	0.02	not set	1289	0	0	0
buprofezin	Fat	0.01	0.05	1289	0	0	0
carbaryl	Fat	0.01	0.07	1289	0	0	0
chlorantraniliprole	Fat	0.01	0.02	1289	0	0	0
chlorfenapyr	Fat	0.02	0.05	1289	0	0	0
chlorfenvinphos	Fat	0.005	0.2	1289	1	0	0
chlorfluazuron	Fat	0.01	not set	516	0	0	0
chlorpyrifos	Fat	0.01	0.5	1289	1	0	0
chlorpyrifos-methyl	Fat	0.01	0.05	1289	0	0	1
clothianidin	Fat	0.01	0.02	1289	0	0	0
coumaphos	Fat	0.02	0.02	1289	0	0	0
cyantraniliprole	Fat	0.01	0.01	1289	0	0	0
cyclaniliprole	Fat	0.01	0.01	1289	0	0	0
cyfluthrin	Fat	0.02	0.5	1289	1	0	0
cyhalothrin	Fat	0.02	0.5	1289	0	0	0
cypermethrin	Fat	0.02	0.5	1289	0	0	0
cyromazine	Kidney	0.01	0.05	486	0	0	0
deltamethrin	Fat	0.02	0.5	1289	2	0	0
diafenthiuron	Fat	0.01	0.02	1289	0	0	0
diazinon	Fat	0.02	0.7	1289	2	0	0
dichlorvos	Fat	0.02	0.01	1289	0	0	0
dicofol	Fat	0.01	not set	1289	0	0	0
dicyclanil	Kidney	0.01	not set	486	0	0	0
diflubenzuron	Fat	0.01	0.02	516	0	0	0
dimethoate	Fat	0.02	0.05	1289	0	0	0
dinotefuran	Fat	0.03	0.02	1289	0	0	0
ethion	Fat	0.02	2.5	1289	3	0	0
etofenprox	Fat	0.01	0.01	1289	0	0	0
famphur	Fat	0.02	not set	1289	0	0	0
famphur oxygen-analogue	Fat	0.02	not set	1289	0	0	0
fenitrothion	Fat	0.02	0.05	1289	0	0	0
fenthion	Fat	0.02	not set	1289	0	0	0
fenvalerate	Fat	0.02	1	1289	0	0	0
fipronil	Fat	0.01	0.1	1289	1	0	0
flonicamid	Fat	0.01	0.02	1289	0	0	0
fluazuron	Fat	0.01	7	516	10	0	0
flubendiamide	Fat	0.01	0.05	1289	0	0	0
fluensulfone	Fat	0.01	0.01	1289	0	0	0
flumethrin	Fat	0.02	0.2	1289	0	0	0
flupyradifurone	Fat	0.01	0.1	1289	0	0	0
fluralaner	Fat	0.01	0.7	1289	0	0	0
imidacloprid	Fat	0.01	0.05	1289	0	0	0
indoxacarb	Fat	0.02	3	1289	0	0	0
malathion	Fat	0.01	1	1289	0	0	0
melamine	Kidney	0.01	2.5	486	0	0	0

metaflumizone	Fat	0.01	not set	1289	0	0	0
methidathion	Fat	0.02	not set	1289	0	0	0
methoxychlor	Fat	0.02	not set	1289	0	0	0
mevinphos	Fat	0.01	0.05	1289	0	0	0
novaluron	Fat	0.01	0.1	516	0	0	0
omethoate	Fat	0.02	0.05	1289	0	0	0
parathion-methyl	Fat	0.02	not set	1289	0	0	0
permethrin	Fat	0.02	1	1289	4	0	0
phosmet	Fat	0.02	1	1289	0	0	0
pirimiphos-methyl	Fat	0.02	0.05	1289	0	0	0
prothiofos	Fat	0.01	not set	1289	0	0	0
pyraclofos	Fat	0.02	not set	1289	0	0	0
pyriproxyfen	Fat	0.01	0.02	1289	0	0	0
spinetoram	Fat	0.005	2	516	0	0	0
spinosad	Fat	0.005	2	516	69	0	0
spirotetramat	Fat	0.01	0.02	1289	0	0	0
sulfoxaflor	Fat	0.01	0.2	1289	0	0	0
tau-fluvalinate	Fat	0.01	not set	1289	0	0	0
temephos	Fat	0.02	5	1289	0	0	0
tetraniliprole	Kidney	0.01	0.02	483	0	0	0
triflumuron	Fat	0.01	0.05	516	0	0	0

Table 10: METALS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to \leq MRL	>MRL
antimony	Liver	0.01	no limit	513	2	0	0
arsenic (total)	Liver	0.05	no limit	513	0	0	0
cadmium	Liver	0.01	1.25	513	394	2	0
lead	Liver	0.01	0.5	513	83	0	0
mercury (total)	Liver	0.01	no limit	513	8	0	0

Table 11: MYCOTOXINS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to \leq MRL	>MRL
taleralanol (beta-zearalanol)	Liver	0.002	no limit	513	0	0	0
zearalanone	Liver	0.002	no limit	513	0	0	0
zearalenol alpha	Liver	0.002	no limit	513	12	0	0
zearalenol beta	Liver	0.002	no limit	513	34	0	0
zearalenone	Liver	0.002	no limit	513	7	0	0

Table 12: OTHER VETERINARY DRUGS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to \leq MRL	>MRL
cimaterol	Liver	0.0003	not set	513	0	0	0
clenbuterol	Liver	0.0003	not set	513	0	0	0
flunixin	Kidney	0.01	0.02	486	0	0	0
imidocarb	Kidney	0.01	5	483	0	0	0
ketoprofen	Kidney	0.01	0.05	486	0	0	0
mabuterol	Liver	0.0003	not set	513	0	0	0
meloxicam	Kidney	0.005	0.2	486	0	0	0
oxyphenbutazone	Kidney	0.005	not set	486	0	0	0
phenylbutazone	Kidney	0.005	not set	486	0	0	0
ractopamine	Liver	0.0003	not set	513	0	0	0
salbutamol	Liver	0.001	not set	513	0	0	0
tolfenamic acid	Kidney	0.005	0.01	486	0	0	0
zilpaterol	Liver	0.0003	not set	513	0	0	0

Table 13: SEDATIVES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to \leq MRL	>MRL
2,6-dimethylaniline	Fat	0.02	not set	302	0	0	0
4-acetamidobenzoic acid	Fat	0.02	not set	302	0	0	1
4-aminobenzoic acid	Fat	0.02	not set	302	0	0	0
benzocaine	Fat	0.005	not set	302	0	0	0
bupivacaine	Fat	0.005	not set	302	0	0	0
bupivacaine-desbutyl	Fat	0.02	not set	302	0	0	0
fentanyl	Fat	0.005	not set	302	0	0	0
glycinexylidide	Fat	0.02	not set	302	0	0	0
lidocaine	Fat	0.005	not set	302	0	0	0
mepivacaine	Fat	0.005	not set	302	0	0	0
norlidocaine	Fat	0.02	not set	302	0	0	0
procaine	Fat	0.005	not set	302	0	0	0

xylazine	Fat	0.005	not set	302	0	0	0
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*4-acetamidobenzoic acid is a metabolite of benzocaine but does not form part of the Australian residue definition