



Deer 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	not set	5	0	0	0
derquantel	fat	0.005	not set	5	0	0	0
doramectin	fat	0.005	not set	5	0	0	0
emamectin	fat	0.002	0.01	5	0	0	0
eprinomectin	fat	0.005	0.1	5	0	0	0
ivermectin	fat	0.005	0.01	5	0	0	0
millbemectin	fat	0.05	0.002	4	0	0	0
monepantel sulphone	fat	0.005	not set	5	0	0	0
moxidectin	fat	0.005	1	5	0	0	0
praziquantel	fat	0.005	not set	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	2	0	0	0
ampicillin	kidney	0.01	not set	2	0	0	0
apramycin	kidney	0.25	2	2	0	0	0
avilamycin	kidney	0.1	not set	2	0	0	0
benzyl G penicillin	kidney	0.01	0.06	2	0	0	0
ceftiofur	kidney	0.2	not set	2	0	0	0
cefuroxime	kidney	0.05	not set	2	0	0	0
cephalonium	kidney	0.05	not set	2	0	0	0
chloramphenicol	muscle	0.0003	not set	2	0	0	0
chlortetracycline	kidney	0.01	not set	2	0	0	0
cloxacillin	kidney	0.05	not set	2	0	0	0
dihydrostreptomycin	kidney	0.1	0.3	2	0	0	0
dimetridazole	muscle	0.0001	not set	1	0	0	0
doxycycline	kidney	0.01	not set	2	0	0	0
erythromycin	kidney	0.1	0.3	2	0	0	0
florfenicol	muscle	0.0043	not set	2	0	0	0
gentamycin	kidney	0.1	not set	2	0	0	0
HMMNI	muscle	0.0001	not set	1	0	0	0
lincomycin	kidney	0.1	0.2	2	0	0	0
metronidazole	muscle	0.0001	not set	1	0	0	0
neomycin	kidney	0.1	not set	2	0	0	0
oleandomycin	kidney	0.2	0.1	2	0	0	0
oxytetracycline	kidney	0.01	not set	2	0	0	0
ronidazole	muscle	0.0001	not set	1	0	0	0
streptomycin	kidney	0.1	0.3	2	0	0	0
sulfachloropyridazine	kidney	0.005	not set	2	0	0	0
sulfadiazine	kidney	0.005	0.1	2	0	0	0
sulfadimethoxine	kidney	0.005	not set	2	0	0	0
sulfadimidine	kidney	0.005	0.1	2	0	0	0
sulfadoxine	kidney	0.005	0.1	2	0	0	0
sulfafurazole	kidney	0.005	not set	2	0	0	0
sulfamerazine	kidney	0.005	not set	2	0	0	0
sulfamethoxazole	kidney	0.005	not set	2	0	0	0
sulfamethoxydiazine	kidney	0.005	not set	2	0	0	0
sulfamethoxypyridazine	kidney	0.005	not set	2	0	0	0
sulfapyridine	kidney	0.005	not set	2	0	0	0
sulfaquinoxaline	kidney	0.005	not set	2	0	0	0
sulfathiazole	kidney	0.005	not set	2	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
sulfatroxazole	kidney	0.005	0.1	2	0	0	0
tetracycline	kidney	0.01	not set	2	0	0	0
thiamphenicol	muscle	0.0029	not set	2	0	0	0
tilmicosin	kidney	0.2	not set	2	0	0	0
trimethoprim	kidney	0.05	not set	1	0	0	0
tulathromycin	kidney	0.3	not set	2	0	0	0
tylosin	kidney	0.1	not set	2	0	0	0
virginiamycin	kidney	0.2	not set	2	0	0	0

Table 3 Hormones

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
16-hydroxystanozolol	urine	0.001	not set	1	0	0	0
boldenone 17 α	urine	0.001	not set	1	0	0	0
boldenone 17 β	urine	0.001	not set	1	0	0	0
dienoestrol	liver	0.0002	not set	2	0	0	0
diethylstilboestrol	liver	0.0002	not set	2	0	0	0
hexoestrol	liver	0.0002	not set	2	0	0	0
methandriol	urine	0.005	not set	1	0	0	0
nortestosterone-17 alpha	urine	0.001	not set	1	0	0	0
nortestosterone-17 beta	urine	0.001	not set	1	0	0	0
stanozolol	urine	0.001	not set	1	0	0	0
trenbolone	liver	0.0005	not set	2	0	0	0
zeranol	liver	0.002	0.005	1	0	0	0

Table 4 Insecticides

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
spinetoram	fat	0.005	2	5	0	0	0
spinosad	fat	0.005	2	5	0	0	0

Table 5 Mycotoxins

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
zearalanone	liver	0.002	no limit	2	0	0	0
zearalenol, alpha-	liver	0.002	no limit	2	0	0	0
zearalenol, beta-	liver	0.002	no limit	2	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
zearalenone	liver	0.002	no limit	2	0	0	0

Table 6 Other veterinary drugs

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
cimaterol	liver	0.0003	not set	1	0	0	0
clenbuterol	liver	0.0003	not set	1	0	0	0
mabuterol	liver	0.0003	not set	1	0	0	0
ractopamine	liver	0.0003	not set	1	0	0	0
salbutamol	liver	0.001	not set	1	0	0	0
zilpaterol	liver	0.0003	not set	1	0	0	0