



Duck residue testing annual datasets 2015–16

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 Antibiotics

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
amoxicillin	liver	0.01	0.01	4	0	0	0
ampicillin	liver	0.01	not set	4	0	0	0
apramycin	liver	0.05	1	4	0	0	0
avilamycin	liver	0.05	0.05	4	0	0	0
benzyl G penicillin	liver	0.01	not set	4	0	0	0
ceftiofur	liver	0.1	not set	4	0	0	0
cefuroxime	liver	0.05	not set	4	0	0	0
cephalonium	liver	0.05	not set	4	0	0	0
chlortetracycline	liver	0.01	not set	4	0	0	0
cloxacillin	liver	0.01	not set	4	0	0	0
dihydrostreptomycin	liver	0.1	not set	4	0	0	0
doxycycline	liver	0.01	not set	4	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
erythromycin	liver	0.05	0.3	4	0	0	0
gentamycin	liver	0.05	not set	4	0	0	0
halofuginone	liver	0.01	not set	4	0	0	0
lasalocid	liver	0.01	0.4	4	0	0	0
lincomycin	liver	0.05	0.1	4	0	0	0
maduramicin	liver	0.01	1	4	0	0	0
monensin	liver	0.01	0.5	4	0	0	0
narasin	liver	0.01	0.1	4	0	0	0
neomycin	liver	0.05	0.5	4	0	0	0
nicarbazin	liver	0.01	not set	4	0	0	0
oleandomycin	liver	0.05	not set	4	0	0	0
oxytetracycline	liver	0.01	not set	4	0	0	0
salinomycin	liver	0.01	0.5	4	0	0	0
semduramycin	liver	0.01	not set	4	0	0	0
streptomycin	liver	0.1	not set	4	0	0	0
sulfachloropyridazine	liver	0.02	not set	4	0	0	0
sulfadiazine	liver	0.01	0.1	4	0	0	0
sulfadimethoxine	liver	0.02	not set	4	0	0	0
sulfadimidine	liver	0.01	0.1	4	0	0	0
sulfadoxine	liver	0.02	not set	4	0	0	0
sulfafurazole	liver	0.02	not set	4	0	0	0
sulfamerazine	liver	0.02	not set	4	0	0	0
sulfamethoxazole	liver	0.02	not set	4	0	0	0
sulfamethoxydiazine	liver	0.02	not set	4	0	0	0
sulfamethoxypyridazine	liver	0.02	not set	4	0	0	0
sulfapyridine	liver	0.02	not set	4	0	0	0
sulfaquinoxaline	liver	0.02	0.1	4	0	0	0
sulfathiazole	liver	0.02	not set	4	0	0	0
sulfatroxazole	liver	0.02	not set	4	0	0	0
tetracycline	liver	0.01	not set	4	0	0	0
tilmicosin	liver	0.05	not set	4	0	0	0
trimethoprim	liver	0.01	not set	4	0	0	0
tulathromycin	liver	0.1	not set	4	0	0	0
tylosin	liver	0.1	0.2	4	0	0	0
virginiamycin	liver	0.05	0.2	4	0	0	0

Table 2 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	0.01	0.2	1	0	0	0
arochlor 1254	fat	0.03	not set	1	0	0	0
arochlor 1260	fat	0.03	not set	1	0	0	0
chlordane	fat	0.01	not set	1	0	0	0
DDT	fat	0.01	5	1	0	0	0
endrin	fat	0.01	not set	1	0	0	0
HCB	fat	0.01	1	1	0	0	0
HCH	fat	0.01	0.3	1	0	0	0
heptachlor	fat	0.01	not set	1	0	0	0
lindane	fat	0.01	0.7	1	0	0	0
mirex	fat	0.01	not set	1	0	0	0
pentachlorobenzene	fat	0.01	not set	1	0	0	0

Table 3 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	0.5	1	0	0	0
carbendazim	fat	0.01	0.1	1	0	0	0
cyproconazole	fat	0.01	0.01	1	0	0	0
fluquinconazole	fat	0.01	0.02	1	0	0	0
flutriafol	fat	0.01	0.05	1	0	0	0
fluxapyroxad	fat	0.01	0.01	1	0	0	0
procymidone	fat	0.01	0.1	1	0	0	0
propiconazole	fat	0.05	0.1	1	0	0	0
prothioconazole	fat	0.01	0.05	1	0	0	0
quintozene	fat	0.01	not set	1	0	0	0

Table 4 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	0.01	not set	1	0	0	0
metolachlor	fat	0.01	0.01	1	0	0	0
propachlor	fat	0.01	0.02	1	0	0	0
pyrasulfotole	fat	0.01	0.01	1	0	0	0

Table 5 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
bifenthrin	fat	0.01	0.05	1	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
bioresmethrin	fat	0.01	not set	1	0	0	0
carbaryl	fat	0.01	0.02	1	0	0	0
chlorantraniliprole	fat	0.01	0.01	1	0	0	0
chlorfenapyr	fat	0.01	0.01	1	0	0	0
chlorfenvinphos	fat	0.01	not set	1	0	0	0
chlorpyrifos	fat	0.01	0.1	1	0	0	0
chlorpyrifos-methyl	fat	0.02	0.05	1	0	0	0
coumaphos	fat	0.01	not set	1	0	0	0
cyfluthrin	fat	0.01	0.01	1	0	0	0
cyhalothrin	fat	0.01	0.02	1	0	0	0
cypermethrin	fat	0.01	0.05	1	0	0	0
deltamethrin	fat	0.01	0.01	1	0	0	0
diafenthiuron	fat	0.02	not set	1	0	0	0
diazinon	fat	0.01	0.05	1	0	0	0
dichlorvos	fat	0.01	0.01	1	0	0	0
dicofol	fat	0.01	not set	1	0	0	0
dimethoate	fat	0.01	0.05	1	0	0	0
endosulfan	fat	0.01	not set	1	0	0	0
ethion	fat	0.01	not set	1	0	0	0
famphur	fat	0.01	not set	1	0	0	0
famphur oxygen- analogue	fat	0.05	not set	1	0	0	0
fenitrothion	fat	0.01	0.05	1	0	0	0
fenthion	fat	0.01	not set	1	0	0	0
fenvalerate	fat	0.01	0.05	1	0	0	0
fipronil	fat	0.01	0.02	1	0	0	0
flubendiamide	fat	0.01	0.01	1	0	0	0
flumethrin	fat	0.05	not set	1	0	0	0
imidacloprid	fat	0.01	0.02	1	0	0	0
indoxacarb	fat	0.01	0.01	1	0	0	0
malathion	fat	0.01	1	1	0	0	0
methidathion	fat	0.01	0.05	1	0	0	0
methoxychlor	fat	0.01	not set	1	0	0	0
mevinphos	fat	0.01	not set	1	0	0	0
omethoate	fat	0.01	not set	1	0	0	0
parathion-methyl	fat	0.01	not set	1	0	0	0
permethrin	fat	0.01	0.1	1	0	0	0
phosmet	fat	0.01	not set	1	0	0	0
pirimiphos-methyl	fat	0.01	0.05	1	0	0	0
prothiofos	fat	0.01	not set	1	0	0	0

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pyraclofos	fat	0.01	not set	1	0	0	0
spirotetramat	fat	0.01	0.02	1	0	0	0
sulfoxaflor	fat	0.01	not set	1	0	0	0
tau-fluvalinate	fat	0.01	not set	1	0	0	0
temephos	fat	0.01	not set	1	0	0	0