



Pig 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 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	0.02	250	0	0	0
derquantel	fat	0.005	not set	250	0	0	0
doramectin	fat	0.005	0.1	250	1	0	0
emamectin	fat	0.005	0.01	250	0	0	0
eprinomectin	fat	0.005	not set	250	0	0	0
ivermectin	fat	0.005	0.02	250	0	0	1
milbemectin	fat	0.01	0.002	250	0	0	0
monepantel sulphone	fat	0.005	not set	250	0	0	0
moxidectin	fat	0.005	not set	250	0	0	0
praziquantel	fat	0.005	not set	250	0	0	0
abamectin	fat	0.005	0.02	250	0	0	0
derquantel	fat	0.005	not set	250	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	252	0	0	0
ampicillin	kidney	0.01	not set	252	0	0	0
amprolium	liver	0.01	not set	250	0	0	0
apramycin	kidney	0.1	2	252	0	0	0
avilamycin	kidney	0.05	not set	252	0	0	0
benzyl G penicillin	kidney	0.01	0.06	252	0	0	0
carbadox	liver	0.01	not set	250	0	0	0
ceftiofur	kidney	0.1	not set	252	0	0	0
cefuroxime	kidney	0.05	not set	252	0	0	0
cephalonium	kidney	0.05	not set	252	0	0	0
chloramphenicol	muscle	0.0003	not set	250	0	0	0
chlortetracycline	kidney	0.01	0.6	252	56	2	2
cloxacillin	kidney	0.01	not set	252	0	0	0
dihydrostreptomycin	kidney	0.1	0.3	252	0	0	0
dimetridazole	muscle	0.0001	not set	250	0	0	0
doxycycline	kidney	0.01	not set	252	0	0	0
erythromycin	kidney	0.1	0.3	252	0	0	0
florfenicol	muscle	0.0003	0.5	250	24	0	0
gentamycin	kidney	0.1	not set	252	0	0	0
halofuginone	liver	0.01	not set	250	0	0	0
HMMNI	muscle	0.0001	not set	250	0	0	0
lasalocid	liver	0.01	0.7	250	2	0	0
lincomycin	kidney	0.1	0.2	252	0	0	0
maduramicin	liver	0.01	not set	250	0	0	1
metronidazole	muscle	0.0001	not set	250	0	0	1
monensin	liver	0.01	not set	250	0	0	0
narasin	liver	0.01	not set	250	0	0	0
neomycin	kidney	0.1	10	252	1	0	0
nicarbazin	liver	0.01	not set	250	0	0	0
olaquinox	liver	0.01	0.3	250	0	0	0
oleandomycin	kidney	0.1	0.1	252	0	0	0
oxytetracycline	kidney	0.01	0.6	252	0	0	0
ronidazole	muscle	0.0001	not set	250	0	0	0
salinomycin	liver	0.01	0.1	250	0	0	0
semduramycin	liver	0.01	not set	250	0	0	0
streptomycin	kidney	0.1	0.3	252	0	0	0
sulfachloropyridazine	kidney	0.05	not set	252	0	0	0
sulfadiazine	kidney	0.05	0.1	252	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
sulfadimethoxine	kidney	0.05	not set	252	0	0	0
sulfadimidine	kidney	0.05	0.1	252	0	0	0
sulfadoxine	kidney	0.05	0.1	252	0	0	0
sulfafurazole	kidney	0.05	not set	252	0	0	0
sulfamerazine	kidney	0.05	not set	252	0	0	0
sulfamethoxazole	kidney	0.05	not set	252	0	0	0
sulfamethoxydiazine	kidney	0.05	not set	252	0	0	0
sulfamethoxypyridazine	kidney	0.05	not set	252	0	0	0
sulfapyridine	kidney	0.05	not set	252	0	0	0
sulfaquinoxaline	kidney	0.05	not set	252	0	0	0
sulfathiazole	kidney	0.05	not set	252	0	0	0
sulfatroxazole	kidney	0.05	0.1	252	0	0	0
tetracycline	kidney	0.01	not set	252	0	0	1
thiamphenicol	muscle	0.0003	not set	250	0	0	0
tilmicosin	kidney	0.1	1	252	1	0	0
trimethoprim	kidney	0.01	not set	252	0	0	0
tulathromycin	kidney	0.1	3	252	0	0	0
tylosin	kidney	0.1	0.2	252	0	0	0
virginiamycin	kidney	0.1	0.2	252	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	fat	0.02	0.2	250	0	0	0
aroachlor 1254	fat	0.03	not set	250	0	0	0
aroachlor 1260	fat	0.03	not set	250	0	0	0
chlordane	fat	0.02	0.2	250	0	0	0
DDT	fat	0.05	5	250	1	0	0
endrin	fat	0.01	not set	250	0	0	0
HCB	fat	0.02	1	250	0	0	0
HCH	fat	0.02	0.3	250	0	0	0
heptachlor	fat	0.02	0.2	250	0	0	0
lindane	fat	0.01	2	250	0	0	0
mirex	fat	0.02	not set	250	0	0	0
pentachlorobenzene	fat	0.02	not set	250	0	0	0

Table 4 Fluoroquinolones

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
norfloxacin	kidney	0.01	not set	252	0	0	0

Table 5 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	0.3	250	0	0	0
carbendazim	fat	0.01	0.2	250	0	0	0
cyproconazole	fat	0.02	0.03	250	0	0	0
fluquinconazole	fat	0.01	0.5	250	1	0	0
flutriafol	fat	0.02	0.05	250	0	0	1
fluxapyroxad	fat	0.01	0.05	250	0	0	0
procymidone	fat	0.02	0.2	250	0	0	0
propiconazole	fat	0.02	0.1	250	0	0	0
prothioconazole	fat	0.02	0.02	250	0	0	0
quintozene	fat	0.02	not set	250	0	0	0

Table 6 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	0.02	0.5	250	0	0	0
metolachlor	fat	0.02	0.05	250	0	0	0
propachlor	fat	0.02	0.02	250	0	0	0
pyrasulfotole	fat	0.01	0.01	250	0	0	0

Table 7 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
dienoestrol	liver	0.0002	not set	250	0	0	0
diethylstilboestrol	liver	0.0002	not set	250	0	0	0
hexoestrol	liver	0.0002	not set	250	0	0	0
trenbolone	liver	0.0005	not set	250	0	0	0
zeranol	liver	0.002	not set	250	0	0	0

Table 8 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	0.02	2	250	0	0	0
bioresmethrin	fat	0.02	not set	250	0	0	0
carbaryl	fat	0.01	0.07	250	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
chlorantraniliprole	fat	0.01	0.02	250	0	0	0
chlorfenapyr	fat	0.02	0.05	250	0	0	0
chlorfenvinphos	fat	0.02	not set	250	0	0	0
chlorfluazuron	fat	0.01	not set	250	0	0	0
chlorpyrifos	fat	0.02	0.5	250	0	0	0
chlorpyrifos-methyl	fat	0.02	0.05	250	0	0	0
coumaphos	fat	0.02	not set	250	0	0	0
cyfluthrin	fat	0.02	0.5	250	0	0	0
cyhalothrin	fat	0.02	0.5	250	0	0	0
cypermethrin	fat	0.02	0.05	250	0	0	0
cyromazine	kidney	0.01	0.05	252	0	0	0
deltamethrin	fat	0.02	0.1	250	1	0	0
diafenthiuron	fat	0.01	not set	250	0	0	0
diazinon	fat	0.02	0.7	250	0	0	0
dichlorvos	fat	0.02	0.01	250	0	0	0
dicofol	fat	0.01	not set	250	0	0	0
dicyclanil	kidney	0.01	not set	252	0	0	0
diflubenzuron	fat	0.01	not set	250	0	0	0
dimethoate	fat	0.02	0.05	250	0	0	0
endosulfan	fat	0.02	not set	250	0	0	0
esfenvalerate	fat	0.02	1	250	0	0	0
ethion	fat	0.02	not set	250	0	0	0
famphur	fat	0.02	not set	250	0	0	0
famphur oxygen- analogue	fat	0.02	not set	250	0	0	0
fenitrothion	fat	0.02	0.05	250	0	0	0
fenthion	fat	0.02	not set	250	0	0	0
fenvalerate	fat	0.02	1	250	0	0	0
fipronil	fat	0.02	0.1	250	1	0	0
fluazuron	fat	0.01	not set	250	0	0	0
flubendiamide	fat	0.01	0.05	250	0	0	0
flumethrin	fat	0.02	not set	250	0	0	0
imidacloprid	fat	0.01	0.05	250	0	0	0
indoxacarb	fat	0.02	1	250	0	0	0
malathion	fat	0.01	1	250	0	0	0
melamine	kidney	0.01	not set	252	0	0	0
methidathion	fat	0.02	0.5	250	0	0	0
methoxychlor	fat	0.02	not set	250	0	0	0
mevinphos	fat	0.01	not set	120	0	0	0
omethoate	fat	0.02	not set	250	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
parathion-methyl	fat	0.02	not set	250	0	0	0
permethrin	fat	0.02	1	250	0	0	0
phosmet	fat	0.02	0.1	250	0	0	0
pirimiphos-methyl	fat	0.02	0.05	250	0	0	0
prothiofos	fat	0.01	not set	250	0	0	0
pyraclofos	fat	0.02	not set	250	0	0	0
spinetoram	fat	0.005	2	250	1	0	0
spinosad	fat	0.005	2	250	82	0	0
spirotetramat	fat	0.02	0.02	250	0	0	0
sulfoxaflor	fat	0.01	not set	250	0	0	0
tau-fluvalinate	fat	0.01	not set	250	0	0	0
temephos	fat	0.02	not set	250	0	0	0
triflumuron	fat	0.01	0.05	250	0	0	0

Table 9 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	250	2	0	0
arsenic	liver	0.05	no limit	250	0	0	0
cadmium	liver	0.01	1.25	250	149	0	0
lead	liver	0.01	0.5	250	43	0	0
mercury	liver	0.01	no limit	250	33	0	0

Table 10 Mycotoxins

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
talernanol	liver	0.002	no limit	250	0	0	0
zearalanone	liver	0.002	no limit	250	0	0	0
zearalenol, alpha-	liver	0.002	no limit	250	0	0	0
zearalenol, beta-	liver	0.002	no limit	250	0	0	0
zearalenone	liver	0.002	no limit	250	0	0	0

Table 11 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	250	0	0	0
clenbuterol	liver	0.0003	not set	250	0	0	0
flunixin	kidney	0.01	not set	252	0	0	0
ketoprofen	kidney	0.01	not set	252	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
mabuterol	liver	0.0003	not set	250	0	0	0
oxyphenbutazone	kidney	0.01	not set	252	0	0	0
phenylbutazone	kidney	0.01	not set	252	0	0	0
ractopamine	liver	0.0003	0.2	250	75	0	0
salbutamol	liver	0.001	not set	250	0	0	0
tolfenamic acid	kidney	0.005	0.01	252	0	0	0
zilpaterol	liver	0.0003	not set	250	0	0	0