



Pig residue testing annual datasets 2016–17

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.

Disclaimer

Although the Australian Government has exercised due care and skill in the preparation and compilation of this publication, it does not warrant its accuracy, completeness, currency or suitability for any purpose. To the maximum extent permitted by law, the Australian Government disclaims all liability, including liability in negligence for any loss, damage, cost or expense incurred by persons as a result of accessing, using or relying on any of the information or data set out in this publication. Before relying on the material in any matters, users should carefully evaluate its accuracy, currency, completeness and relevance for the purposes intended, and should obtain any appropriate professional advice relevant to their particular circumstances.

Table 1 Anthelmintics

Chemical	Matr ix	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 B1a	fat	0.005	not set	250	0	0	0
ivermectin H2B1a	fat	0.005	0.02	250	1	0	0
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

Table 2 Antibiotics

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
ampicillin	kidney	0.01	not set	250	0	0	0
amprolium	liver	0.01	not set	250	0	0	0
apramycin	kidney	0.1	2	250	0	0	0
avilamycin	kidney	0.05	not set	250	0	0	0
benzyl G penicillin	kidney	0.01	0.06	250	0	0	0
carbadox	liver	0.01	not set	250	0	0	0
ceftiofur	kidney	0.1	not set	250	0	0	0
cefuroxime	kidney	0.05	not set	250	0	0	0
cephalonium	kidney	0.05	not set	250	0	0	0
chloramphenicol	muscle	0.0003	not set	250	0	0	0
chlortetracycline	kidney	0.01	0.6	250	54	5	0
cloxacillin	kidney	0.01	not set	250	0	0	0
dihydrostreptomycin	kidney	0.1	0.3	250	0	0	0
dimetridazole	muscle	0.0001	not set	250	0	0	0
doxycycline	kidney	0.01	not set	250	0	0	0
erythromycin	kidney	0.1	0.3	250	0	0	0
florfenicol	muscle	0.005	0.5	250	2	0	0
gentamycin	kidney	0.1	not set	250	0	0	0
halofuginone	liver	0.01	not set	250	0	0	0
lasalocid	liver	0.01	0.7	250	0	0	0
lincomycin	kidney	0.1	0.2	250	0	0	0
maduramicin	liver	0.002	not set	250	0	0	7
metronidazole	muscle	0.0001	not set	250	0	0	0
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	250	0	0	0
nicarbazin	liver	0.01	not set	250	0	0	0
norfloxacin	kidney	0.01	not set	250	0	0	0
olaquinox	liver	0.01	0.3	250	0	0	0
oleandomycin	kidney	0.1	0.1	250	0	0	0
oxytetracycline	kidney	0.01	0.6	250	17	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	250	0	0	0
sulfachloropyridazine	kidney	0.05	not set	250	0	0	0
sulfadiazine	kidney	0.05	0.1	250	0	0	0
sulfadimethoxine	kidney	0.05	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
sulfadimidine (sulfamethazine)	kidney	0.05	0.1	250	0	0	0
sulfadoxine	kidney	0.05	0.1	250	0	0	0
sulfafurazole	kidney	0.05	not set	250	0	0	0
sulfamerazine	kidney	0.05	not set	250	0	0	0
sulfamethoxazole	kidney	0.05	not set	250	0	0	0
sulfamethoxydiazine	kidney	0.05	not set	250	0	0	0
sulfamethoxypyridazine	kidney	0.05	not set	250	0	0	0
sulfapyridine	kidney	0.05	not set	250	0	0	0
sulfaquinoxaline	kidney	0.05	not set	250	0	0	0
sulfathiazole	kidney	0.05	not set	250	0	0	0
sulfatroxazole	kidney	0.05	0.1	250	0	0	0
tetracycline	kidney	0.01	not set	250	1	0	0
thiamphenicol	muscle	0.005	not set	250	0	0	0
tilmicosin	kidney	0.1	1	250	0	0	0
trimethoprim	kidney	0.01	not set	250	0	0	0
tulathromycin	kidney	0.1	3	250	0	0	0
tylosin	kidney	0.1	0.2	250	0	0	0
virginiamycin	kidney	0.1	not set	250	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
aro-chlor 1254	fat	0.03	not set	250	0	0	0
aro-chlor 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	0	0	0
endosulfan	fat	0.02	not set	250	0	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 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	0	0	0
flutriafol	fat	0.02	0.05	250	0	0	0
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 5 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 6 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 7 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
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

Pig residue testing annual datasets 2016-17

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
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	250	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	1	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	250	0	0	0
diflubenzuron	fat	0.01	not set	250	0	0	0
dimethoate	fat	0.02	0.05	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	0	0	0
fluazuron	fat	0.01	not set	250	0	0	0
flubendiamide	fat	0.01	0.05	250	0	0	1
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	250	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	250	0	0	0
omethoate	fat	0.02	not set	250	0	0	0
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

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
spinetoram	fat	0.005	2	250	0	0	0
spinosad	fat	0.005	2	250	99	0	0
spirotetramat	fat	0.02	0.02	250	0	0	0
sulfoxaflor	fat	0.01	0.2	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 8 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	3	0	0
arsenic	liver	0.05	no limit	250	0	0	0
cadmium	liver	0.01	1.25	250	171	0	0
lead	liver	0.01	0.5	250	33	1	0
mercury	liver	0.01	no limit	250	34	0	0

Table 9 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	2	0	0
zearalenol beta	liver	0.002	no limit	250	0	0	0
zearalenone	liver	0.002	no limit	250	0	0	0

Table 10 Other veterinary drugs

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
bamethan	liver	0.001	not set	134	0	0	0
brombuterol	liver	0.001	not set	134	0	0	0
chlorbrombuterol	liver	0.001	not set	134	0	0	0
cimaterol	liver	0.0003	not set	250	0	0	0
cimbuterol	liver	0.001	not set	134	0	0	0
clenbuterol	liver	0.0003	not set	250	0	0	0
clencyclohexerol	liver	0.001	not set	134	0	0	0
clenpenterol	liver	0.001	not set	134	0	0	0
clenproperol	liver	0.001	not set	134	0	0	0
fenoterol	liver	0.001	not set	134	0	0	0

Pig residue testing annual datasets 2016-17

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
flunixin	kidney	0.01	not set	250	0	0	0
isoxsuprine	liver	0.001	not set	134	0	0	0
ketoprofen	kidney	0.01	not set	250	0	0	0
mabuterol	liver	0.0003	not set	250	0	0	0
mapenterol	liver	0.001	not set	134	0	0	0
nitrodrine	liver	0.001	not set	134	0	0	0
orciprenaline	liver	0.001	not set	134	0	0	0
oxyphenbutazone	kidney	0.01	not set	250	0	0	0
phenylbutazone	kidney	0.01	not set	250	0	0	0
ractopamine	liver	0.0003	0.2	250	62	0	0
salbutamol	liver	0.001	not set	250	0	0	0
salmeterol	liver	0.001	not set	134	0	0	0
terbutaline	liver	0.001	not set	134	0	0	0
tolfenamic acid	kidney	0.005	0.01	250	0	0	0
tulobuterol	liver	0.001	not set	134	0	0	0
zilpaterol	liver	0.0003	not set	250	0	0	0