



Australian Government
**Department of Agriculture,
 Fisheries and Forestry**

Kangaroo - Wild Game residue testing annual datasets 2023-24

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' 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

Although the Commonwealth 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 department 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: 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	25	1	0	0
arochlor 1254	Fat	0.03	0.2	25	0	0	0

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
arochlor 1260	Fat	0.03	0.2	25	0	0	0
chlordane	Fat	0.02	0.2	25	0	0	0
DDT	Fat	0.05	5	25	0	0	0
endosulfan	Fat	0.02	not set	25	0	0	0
endrin	Fat	0.01	not set	25	0	0	0
HCB (hexachlorobenzene)	Fat	0.02	1	25	0	0	0
HCH (BHC)	Fat	0.02	0.3	25	0	0	0
heptachlor	Fat	0.02	0.2	25	0	0	0
lindane (gamma-HCH)	Fat	0.01	2	25	0	0	0
mirex	Fat	0.02	not set	25	0	0	0
pentachlorobenzene	Fat	0.02	not set	25	0	0	0

Table 3: FUNGICIDES

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
amisulbrom	Fat	0.01	0.01	25	0	0	0
azoxystrobin	Fat	0.01	0.02	25	0	0	0
benzovindiflupyr	Fat	0.01	0.01	25	0	0	0
bixafen	Fat	0.01	0.2	25	0	0	0
boscalid	Fat	0.01	0.3	25	0	0	0
carbendazim	Fat	0.01	0.2	25	0	0	0
cyproconazole	Fat	0.02	0.03	25	0	0	0
cyprodinil	Fat	0.01	0.01	5	0	0	0
difenoconazole	Fat	0.01	0.05	25	0	0	0
epoxiconazole	Fat	0.01	0.01	25	0	0	0
fenhexamid	Fat	0.01	0.05	25	0	0	0
fenpyrazamine	Fat	0.01	0.01	25	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
fludioxonil	Fat	0.01	0.05	25	0	0	0
fluopicolide	Fat	0.01	0.01	25	0	0	0
fluopyram	Fat	0.01	0.1	25	0	0	0
fluquinconazole	Fat	0.01	0.5	25	0	0	0
flutriafol	Fat	0.02	0.05	25	0	0	0
fluxapyroxad	Fat	0.01	0.05	25	0	0	0
imazalil	Fat	0.01	not set	25	0	0	0
isofetamid	Fat	0.01	0.02	25	0	0	0
isopyrazam	Fat	0.01	0.005	25	0	0	0
isotianil	Fat	0.01	0.02	5	0	0	0
mandestrobin	Fat	0.01	0.02	25	0	0	0
mefentrifluconazole	Fat	0.01	0.2	25	0	0	0
procymidone	Fat	0.02	0.2	25	0	0	0
propamocarb	Fat	0.01	0.01	25	0	0	0
propiconazole	Fat	0.02	0.1	25	0	0	0
proquinazid	Fat	0.01	0.01	25	0	0	0
prothioconazole	Fat	0.01	0.02	25	0	0	0
pydiflumetofen	Fat	0.01	0.02	25	0	0	0
pyraclostrobin	Fat	0.01	0.05	25	0	0	0
pyrimethanil	Fat	0.01	0.05	25	0	0	0
pyriofenone	Fat	0.01	0.01	25	0	0	0
quinoxifen	Fat	0.01	0.1	25	0	0	0
quintozene	Fat	0.02	0.2	25	0	0	0
spiroxamine	Fat	0.01	0.05	25	0	0	0
tebuconazole	Fat	0.01	0.1	25	0	0	0
trifloxystrobin	Fat	0.01	0.05	25	0	0	0

Table 4: HERBICIDES

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
amicarbazone	Fat	0.01	0.01	25	0	0	0
cinmethylin	Fat	0.01	0.01	25	0	0	0
cloquintocet-mexyl	Fat	0.01	0.1	25	0	0	0
ethofumesate	Fat	0.02	0.5	25	0	0	0
florpyrauxifen-benzyl	Fat	0.01	0.02	25	0	0	0
indaziflam	Fat	0.01	0.03	25	0	0	0
metamitron	Fat	0.01	0.05	25	0	0	0
metazachlor	Fat	0.01	0.05	25	0	0	0
metolachlor	Fat	0.02	0.05	25	0	0	0
propachlor	Fat	0.02	0.02	25	0	0	0
pyrasulfotole	Fat	0.01	0.01	25	0	0	0
pyroxsulam	Fat	0.01	0.01	25	0	0	0
saflufenacil	Fat	0.01	0.01	25	0	0	0
topramezone	Fat	0.01	0.01	25	0	0	0
trifludimoxazin	Fat	0.01	0.01	25	0	0	0

Table 5: INSECTICIDES

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
acequinocyl	Fat	0.01	0.02	25	0	0	0
acetamiprid	Fat	0.01	0.01	25	0	0	0
afidopyropen	Fat	0.012	0.1	25	0	0	0
bifenthrin	Fat	0.02	2	25	0	0	0
bioresmethrin	Fat	0.02	not set	25	0	0	0
buprofezin	Fat	0.01	0.05	25	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
carbaryl	Fat	0.01	0.07	25	0	0	0
chlorantraniliprole	Fat	0.01	0.02	25	0	0	0
chlorfenapyr	Fat	0.02	0.05	25	0	0	0
chlorfenvinphos	Fat	0.005	not set	25	0	0	0
chlorpyrifos	Fat	0.01	0.5	25	0	0	0
chlorpyrifos-methyl	Fat	0.01	0.05	25	0	0	0
clothianidin	Fat	0.01	0.02	25	0	0	0
coumaphos	Fat	0.02	not set	25	0	0	0
cyantraniliprole	Fat	0.01	0.01	25	0	0	0
cyclaniliprole	Fat	0.01	0.05	25	0	0	0
cyfluthrin	Fat	0.02	0.5	25	0	0	0
cyhalothrin	Fat	0.02	0.5	25	0	0	0
cypermethrin	Fat	0.02	0.01	25	0	0	0
deltamethrin	Fat	0.02	not set	25	0	0	0
diafenthiuron	Fat	0.01	0.02	25	0	0	0
diazinon	Fat	0.02	0.7	25	0	0	0
dichlorvos	Fat	0.02	0.01	25	0	0	0
dicofol	Fat	0.01	not set	25	0	0	0
dimethoate	Fat	0.02	0.05	25	0	0	0
dinotefuran	Fat	0.03	0.02	25	0	0	0
ethion	Fat	0.02	not set	25	0	0	0
etofenprox	Fat	0.01	0.01	25	0	0	0
famphur	Fat	0.02	not set	25	0	0	0
famphur oxygen-analogue	Fat	0.02	not set	25	0	0	0
fenitrothion	Fat	0.02	0.05	25	0	0	0
fenthion	Fat	0.02	not set	25	0	0	0
fenvalerate	Fat	0.02	1	25	0	0	0

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
fipronil	Fat	0.01	0.1	25	0	0	0
flonicamid	Fat	0.01	0.02	25	0	0	0
flubendiamide	Fat	0.01	0.05	25	0	0	0
flumethrin	Fat	0.02	not set	25	0	0	0
flupyradifurone	Fat	0.01	0.1	25	0	0	0
fluralaner	Fat	0.01	not set	25	0	0	0
imidacloprid	Fat	0.01	0.05	25	0	0	0
indoxacarb	Fat	0.02	3	25	0	0	0
isocycloseram	Fat	0.01	0.01	5	0	0	0
malathion	Fat	0.01	1	25	0	0	0
metaflumizone	Fat	0.01	not set	25	0	0	0
methidathion	Fat	0.02	not set	25	0	0	0
methoxychlor	Fat	0.02	not set	25	0	0	0
methoxyfenozide	Fat	0.01	0.1	5	0	0	0
mevinphos	Fat	0.01	0.05	25	0	0	0
omethoate	Fat	0.02	0.05	25	0	0	0
parathion-methyl	Fat	0.02	not set	25	0	0	0
permethrin	Fat	0.02	1	25	0	0	0
phosmet	Fat	0.02	not set	25	0	0	0
pirimiphos-methyl	Fat	0.02	0.05	25	0	0	0
prothiofos	Fat	0.01	not set	25	0	0	0
pyraclofos	Fat	0.02	not set	25	0	0	0
pyriproxyfen	Fat	0.01	0.02	25	0	0	0
spirotetramat	Fat	0.01	0.02	25	0	0	0
sulfoxaflor	Fat	0.01	0.7	25	0	0	0
tau-fluvalinate	Fat	0.01	not set	25	0	0	0
temephos	Fat	0.02	not set	25	0	0	0

Table 6: METALS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
antimony	Liver	0.01	no limit	25	0	0	0
arsenic (total)	Liver	0.05	no limit	25	4	0	0
cadmium	Liver	0.01	no limit	25	15	0	0
lead	Liver	0.01	no limit	25	23	0	0
mercury (total)	Liver	0.01	no limit	25	3	0	0