



# Kangaroo - Wild Game residue testing annual datasets 2022-23

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’ principle 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

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**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	0	0	0
arochlor 1254	Fat	0.03	0.2	25	0	0	0
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 2: FUNGICIDES**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤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	0.02	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
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
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
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	0.02	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 3: HERBICIDES**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amicarbazona	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	not set	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 4: INSECTICIDES**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤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
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	0.01	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

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
flusulfone	Fat	0.01	0.01	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
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
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	0.2	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 5: METALS**

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
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	14	0	0
lead	Liver	0.01	no limit	25	20	0	0
mercury (total)	Liver	0.01	no limit	25	1	0	0