Australian Government

Department of Agriculture, Fisheries and Forestry

Chicken 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' 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

Table 1: ANTIBIOTICS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amoxicillin	Liver	0.01	0.01	305	0	0	0
ampicillin	Liver	0.005	not set	305	0	0	0
apramycin	Liver	0.05	1	305	0	0	0
avilamycin	Liver	0.05	0.05	305	0	0	0
benzyl G penicillin	Liver	0.01	not set	305	0	0	0
ceftiofur (desfuroylceftiofur)	Liver	0.1	not set	305	0	0	0
cefuroxime	Liver	0.05	not set	305	0	0	0
cephalonium	Liver	0.005	not set	305	0	0	0
chlortetracycline	Liver	0.01	0.6	305	0	0	0
cloxacillin	Liver	0.005	not set	305	0	0	0
dihydrostreptomycin	Liver	0.05	not set	305	0	0	0
doxycycline	Liver	0.01	not set	305	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
erythromycin	Liver	0.05	0.3	305	0	0	0
gentamycin	Liver	0.05	not set	305	0	0	0
lincomycin	Liver	0.05	0.1	305	0	0	0
neomycin	Liver	0.05	0.5	305	0	0	0
oleandomycin	Liver	0.05	not set	305	0	0	0
oxytetracycline	Liver	0.01	0.6	305	0	0	0
streptomycin	Liver	0.05	not set	305	0	0	0
sulfachloropyridazine	Liver	0.02	not set	305	0	0	0
sulfadiazine	Liver	0.01	0.1	305	0	0	0
sulfadimethoxine	Liver	0.02	not set	305	0	0	0
sulfadimidine (sulfamethazine)	Liver	0.01	0.1	305	0	0	0
sulfadoxine	Liver	0.02	not set	305	0	0	0
sulfafurazole	Liver	0.02	not set	305	0	0	0
sulfamerazine	Liver	0.02	not set	305	0	0	0
sulfamethoxazole	Liver	0.02	not set	305	0	0	0
sulfamethoxydiazine (sulfameter)	Liver	0.02	not set	305	0	0	0
sulfamethoxypyridazine	Liver	0.02	not set	305	0	0	0
sulfapyridine	Liver	0.02	not set	305	0	0	0
sulfaquinoxaline	Liver	0.02	0.1	305	0	0	0
sulfathiazole	Liver	0.02	not set	305	0	0	0
sulfatroxazole	Liver	0.02	not set	305	0	0	0
tetracycline	Liver	0.01	not set	305	0	0	0
tilmicosin	Liver	0.05	not set	305	0	0	0
trimethoprim	Liver	0.01	0.05	305	0	0	0
tulathromycin	Liver	0.05	not set	305	0	0	0
tylosin	Liver	0.1	0.2	305	0	0	0
virginiamycin	Liver	0.005	0.2	305	0	0	0

*In some instances, tetracycline may be present as an impurity in a chlortetracycline or oxytetracycline product and is not considered to be a violative residue.

Table 2: ANTICOCCIDIALS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amprolium	Liver	0.01	1	1	0	0	0
decoquinate	Liver	0.002	1	1	0	0	0
diclazuril	Liver	0.01	not set	1	0	0	0
halofuginone	Liver	0.01	not set	1	0	0	0
lasalocid	Liver	0.01	1.2	1	1	0	0
maduramicin	Liver	0.002	1	1	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
monensin	Liver	0.005	0.5	1	0	0	0
narasin	Liver	0.01	0.1	1	0	0	0
nicarbazin (4,4'-dinitrocarbanilide)	Liver	0.01	35	1	1	0	0
salinomycin	Liver	0.002	0.5	1	0	0	0
semduramycin	Liver	0.002	0.5	1	0	0	0
toltrazuril	Liver	0.01	5	1	0	0	0

Table 3: 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	2	0	0	0
arochlor 1254	Fat	0.03	0.2	2	0	0	0
arochlor 1260	Fat	0.03	0.2	2	0	0	0
chlordane	Fat	0.02	not set	2	0	0	0
DDT	Fat	0.05	5	2	0	0	0
endosulfan	Fat	0.02	not set	2	0	0	0
endrin	Fat	0.01	not set	2	0	0	0
HCB (hexachlorobenzene)	Fat	0.02	1	2	0	0	0
HCH (BHC)	Fat	0.02	0.3	2	0	0	0
heptachlor	Fat	0.02	not set	2	0	0	0
lindane (gamma-HCH)	Fat	0.01	0.7	2	0	0	0
mirex	Fat	0.02	not set	2	0	0	0
pentachlorobenzene	Fat	0.02	not set	2	0	0	0

Table 4: 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	2	0	0	0
azoxystrobin	Fat	0.01	0.01	2	0	0	0
benzovindiflupyr	Fat	0.01	0.01	2	0	0	0
bixafen	Fat	0.01	0.02	2	0	0	0
boscalid	Fat	0.01	0.02	2	0	0	0
carbendazim	Fat	0.01	0.1	2	0	0	0
cyproconazole	Fat	0.02	0.01	2	0	0	0
cyprodinil	Fat	0.01	0.01	2	0	0	0
difenoconazole	Fat	0.01	0.05	2	0	0	0
epoxiconazole	Fat	0.01	0.01	2	0	0	0
fenhexamid	Fat	0.01	not set	2	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
fenpyrazamine	Fat	0.01	0.01	2	0	0	0
fludioxonil	Fat	0.01	0.01	2	0	0	0
fluopicolide	Fat	0.01	0.01	2	0	0	0
fluopyram	Fat	0.01	0.02	2	0	0	0
fluquinconazole	Fat	0.01	0.02	2	0	0	0
flutriafol	Fat	0.02	0.05	2	0	0	0
fluxapyroxad	Fat	0.01	0.01	2	0	0	0
imazalil	Fat	0.01	0.01	2	0	0	0
isofetamid	Fat	0.01	0.02	2	0	0	0
isopyrazam	Fat	0.01	0.005	2	0	0	0
isotianil	Fat	0.01	0.02	2	0	0	0
mandestrobin	Fat	0.01	not set	2	0	0	0
mefentrifluconazole	Fat	0.01	not set	2	0	0	0
procymidone	Fat	0.02	0.01	2	0	0	0
propamocarb	Fat	0.01	0.01	2	0	0	0
propiconazole	Fat	0.02	0.1	2	0	0	0
proquinazid	Fat	0.01	0.01	2	0	0	0
prothioconazole	Fat	0.01	0.05	2	0	0	0
pydiflumetofen	Fat	0.01	0.01	2	0	0	0
pyraclostrobin	Fat	0.01	0.05	2	0	0	0
pyrimethanil	Fat	0.01	not set	2	0	0	0
pyriofenone	Fat	0.01	0.01	2	0	0	0
quinoxyfen	Fat	0.01	0.01	2	0	0	0
quintozene	Fat	0.02	0.1	2	0	0	0
spiroxamine	Fat	0.01	0.05	2	0	0	0
tebuconazole	Fat	0.01	0.1	2	0	0	0
trifloxystrobin	Fat	0.01	not set	2	0	0	0

Table 5: HERBICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
amicarbazone	Fat	0.01	not set	2	0	0	0
cinmethylin	Fat	0.01	0.01	2	0	0	0
cloquintocet-mexyl	Fat	0.01	0.1	2	0	0	0
ethofumesate	Fat	0.02	not set	2	0	0	0
florpyrauxifen-benzyl	Fat	0.01	0.02	2	0	0	0
indaziflam	Fat	0.01	not set	2	0	0	0
metamitron	Fat	0.01	not set	2	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
metazachlor	Fat	0.01	0.05	2	0	0	0
metolachlor	Fat	0.02	0.01	2	0	0	0
propachlor	Fat	0.02	0.02	2	0	0	0
pyrasulfotole	Fat	0.01	0.01	2	0	0	0
pyroxsulam	Fat	0.01	0.01	2	0	0	0
saflufenacil	Fat	0.01	0.01	2	0	0	0
topramezone	Fat	0.01	0.01	2	0	0	0
trifludimoxazin	Fat	0.01	0.01	2	0	0	0

Table 6: INSECTICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
acequinocyl	Fat	0.01	not set	2	0	0	0
acetamiprid	Fat	0.01	0.01	2	0	0	0
afidopyropen	Fat	0.012	0.1	2	0	0	0
bifenthrin	Fat	0.02	0.05	2	0	0	0
bioresmethrin	Fat	0.02	not set	2	0	0	0
buprofezin	Fat	0.01	0.05	2	0	0	0
carbaryl	Fat	0.01	0.02	2	0	0	0
chlorantraniliprole	Fat	0.01	0.01	2	0	0	0
chlorfenapyr	Fat	0.02	0.01	2	0	0	0
chlorfenvinphos	Fat	0.005	not set	2	0	0	0
chlorpyrifos	Fat	0.01	0.1	2	0	0	0
chlorpyrifos-methyl	Fat	0.01	0.05	2	0	0	0
clothianidin	Fat	0.01	0.02	2	0	0	0
coumaphos	Fat	0.02	not set	2	0	0	0
cyantraniliprole	Fat	0.01	0.01	2	0	0	0
cyclaniliprole	Fat	0.01	0.01	2	0	0	0
cyfluthrin	Fat	0.02	0.01	2	0	0	0
cyhalothrin	Fat	0.02	0.02	2	0	0	0
cypermethrin	Fat	0.02	0.05	2	0	0	0
deltamethrin	Fat	0.02	0.01	2	0	0	0
diafenthiuron	Fat	0.01	0.02	2	0	0	0
diazinon	Fat	0.02	0.05	2	0	0	0
dichlorvos	Fat	0.02	0.01	2	0	0	0
dicofol	Fat	0.01	not set	2	0	0	0
dimethoate	Fat	0.02	0.05	2	0	0	0
dinotefuran	Fat	0.03	0.02	2	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
ethion	Fat	0.02	not set	2	0	0	0
etofenprox	Fat	0.01	0.01	2	0	0	0
famphur	Fat	0.02	not set	2	0	0	0
famphur oxygen-analogue	Fat	0.02	not set	2	0	0	0
fenitrothion	Fat	0.02	0.05	2	0	0	0
fenthion	Fat	0.02	not set	2	0	0	0
fenvalerate	Fat	0.02	0.05	2	0	0	0
fipronil	Fat	0.01	0.02	2	0	0	0
flonicamid	Fat	0.01	0.02	2	0	0	0
flubendiamide	Fat	0.01	0.01	2	0	0	0
flumethrin	Fat	0.02	not set	2	0	0	0
flupyradifurone	Fat	0.01	0.01	2	0	0	0
fluralaner	Fat	0.01	0.6	2	0	0	0
imidacloprid	Fat	0.01	0.02	2	0	0	0
indoxacarb	Fat	0.02	0.01	2	0	0	0
isocycloseram	Fat	0.01	0.01	2	0	0	0
malathion	Fat	0.01	1	2	0	0	0
metaflumizone	Fat	0.01	not set	2	0	0	0
methidathion	Fat	0.02	not set	2	0	0	0
methoxychlor	Fat	0.02	not set	2	0	0	0
methoxyfenozide	Fat	0.01	0.01	2	0	0	0
mevinphos	Fat	0.01	not set	2	0	0	0
omethoate	Fat	0.02	0.05	2	0	0	0
parathion-methyl	Fat	0.02	not set	2	0	0	0
permethrin	Fat	0.02	0.1	2	0	0	0
phosmet	Fat	0.02	not set	2	0	0	0
pirimiphos-methyl	Fat	0.02	0.05	2	0	0	0
prothiofos	Fat	0.01	not set	2	0	0	0
pyraclofos	Fat	0.02	not set	2	0	0	0
pyriproxyfen	Fat	0.01	0.1	2	0	0	0
spirotetramat	Fat	0.01	0.02	2	0	0	0
sulfoxaflor	Fat	0.01	0.01	2	0	0	0
tau-fluvalinate	Fat	0.01	not set	2	0	0	0
temephos	Fat	0.02	not set	2	0	0	0