



Turkey residue testing annual datasets 2017–18

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, 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.

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Table 1 Antibiotics

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
amoxicillin	liver	0.01	0.01	15	0	0	0
ampicillin	liver	0.01	not set	15	0	0	0
apramycin	liver	0.05	1	15	0	0	0
avilamycin	liver	0.05	0.05	15	0	0	0
benzyl G penicillin	liver	0.01	not set	15	0	0	0
ceftiofur (desfuroylceftiofur)	liver	0.1	not set	15	0	0	0
cefuroxime	liver	0.05	not set	15	0	0	0
cephalonium	liver	0.05	not set	15	0	0	0
chlortetracycline	liver	0.01	0.6	15	0	0	0
cloxacillin	liver	0.01	not set	15	0	0	0
dihydrostreptomycin	liver	0.1	not set	15	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
doxycycline	liver	0.01	not set	15	0	0	0
erythromycin	liver	0.05	0.3	15	0	0	0
gentamycin	liver	0.05	not set	15	0	0	0
lincomycin	liver	0.05	0.1	15	0	0	0
neomycin	liver	0.05	0.5	15	0	0	0
oleandomycin	liver	0.05	not set	15	0	0	0
oxytetracycline	liver	0.01	0.6	15	0	0	0
streptomycin	liver	0.1	not set	15	0	0	0
sulfachloropyridazine	liver	0.02	not set	15	0	0	0
sulfadiazine	liver	0.01	0.1	15	0	0	0
sulfadimethoxine	liver	0.02	not set	15	0	0	0
sulfadimidine (sulfamethazine)	liver	0.01	0.2	15	0	0	0
sulfadoxine	liver	0.02	not set	15	0	0	0
sulfafurazole	liver	0.02	not set	15	0	0	0
sulfamerazine	liver	0.02	not set	15	0	0	0
sulfamethoxazole	liver	0.02	not set	15	0	0	0
sulfamethoxydiazine (sulfameter)	liver	0.02	not set	15	0	0	0
sulfamethoxypyridazine	liver	0.02	not set	15	0	0	0
sulfapyridine	liver	0.02	not set	15	0	0	0
sulfaquinoxaline	liver	0.02	0.1	15	0	0	0
sulfathiazole	liver	0.02	not set	15	0	0	0
sulfatroxazole	liver	0.02	not set	15	0	0	0
tetracycline	liver	0.01	not set	15	0	0	0
tilmicosin	liver	0.05	not set	15	0	0	0
trimethoprim	liver	0.01	not set	15	0	0	0
tulathromycin	liver	0.1	not set	15	0	0	0
tylosin	liver	0.1	0.2	15	0	0	0
virginiamycin	liver	0.05	0.2	15	0	0	0
amprolium	liver	0.01	1	5	0	0	0
halofuginone	liver	0.01	not set	5	0	0	0
lasalocid	liver	0.01	0.4	5	1	0	0
maduramicin	liver	0.002	1	5	0	0	0
monensin	liver	0.01	0.5	5	0	0	0
narasin	liver	0.01	0.1	5	0	0	0
nicarbazin (4,4'- dinitrocarbanilide)	liver	0.01	35	5	0	0	0
salinomycin	liver	0.002	0.5	5	0	0	0
semduramycin	liver	0.002	not set	5	0	0	0

Table 2 Contaminants

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
aldrin and dieldrin (HHDN+HEOD)	fat	0.02	0.2	5	0	0	0
arochlor 1254	fat	0.03	not set	5	0	0	0
arochlor 1260	fat	0.03	not set	5	0	0	0
chlordane	fat	0.02	not set	5	0	0	0
DDT	fat	0.05	5	5	0	0	0
endosulfan	fat	0.02	not set	5	0	0	0
endrin	fat	0.01	not set	5	0	0	0
HCB (hexachlorobenzene)	fat	0.02	1	5	0	0	0
HCH (BHC)	fat	0.02	0.3	5	0	0	0
heptachlor	fat	0.02	not set	5	0	0	0
lindane (gamma-HCH)	fat	0.01	0.7	5	0	0	0
mirex	fat	0.02	not set	5	0	0	0
pentachlorobenzene	fat	0.02	not set	5	0	0	0

Table 3 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
bixafen	fat	0.02	not set	3	0	0	0
boscalid	fat	0.01	0.5	5	0	0	0
carbendazim	fat	0.01	0.1	5	0	0	0
cyproconazole	fat	0.02	0.01	5	0	0	0
fluquinconazole	fat	0.01	0.02	5	0	0	0
flutriafol	fat	0.02	0.5	5	0	0	0
fluxapyroxad	fat	0.01	0.01	5	0	0	0
procymidone	fat	0.02	0.1	5	0	0	0
propiconazole	fat	0.02	0.1	5	0	0	0
prothioconazole	fat	0.02	0.05	5	0	0	0
quintozene	fat	0.02	not set	5	0	0	0

Table 4 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	not set	5	0	0	0
metazachlor	fat	0.01	not set	3	0	0	0
metolachlor	fat	0.02	0.01	5	0	0	0
propachlor	fat	0.02	0.02	5	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
pyrasulfotole	fat	0.01	0.01	5	0	0	0

Table 5 Insecticides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
bifenthrin	fat	0.02	0.05	5	0	0	0
bioresmethrin	fat	0.02	not set	5	0	0	0
carbaryl	fat	0.01	0.02	5	0	0	0
chlorantraniliprole	fat	0.01	0.01	5	0	0	0
chlorfenapyr	fat	0.02	0.01	5	0	0	0
chlorfenvinphos (sum of isomers)	fat	0.02	not set	5	0	0	0
chlorpyrifos	fat	0.02	0.1	5	0	0	0
chlorpyrifos-methyl	fat	0.02	0.05	5	0	0	0
coumaphos	fat	0.02	not set	5	0	0	0
cyfluthrin (sum of isomers)	fat	0.02	0.01	5	0	0	0
cyhalothrin (sum of isomers)	fat	0.02	0.02	5	0	0	0
cypermethrin (sum of isomers)	fat	0.02	0.05	5	0	0	0
deltamethrin	fat	0.02	0.01	5	0	0	0
diafenthiuron	fat	0.01	not set	5	0	0	0
diazinon	fat	0.02	0.05	5	0	0	0
dichlorvos	fat	0.02	0.01	5	0	0	0
dicofol	fat	0.01	not set	5	0	0	0
dimethoate	fat	0.02	0.05	5	0	0	0
dinotefuran	fat	0.03	not set	3	0	0	0
esfenvalerate	fat	0.02	0.05	5	0	0	0
ethion	fat	0.02	not set	5	0	0	0
famphur	fat	0.02	not set	5	0	0	0
famphur oxygen-analogue	fat	0.02	not set	5	0	0	0
fenitrothion	fat	0.02	0.05	5	0	0	0
fenthion	fat	0.02	not set	5	0	0	0
fenvalerate (sum of isomers)	fat	0.02	0.05	5	0	0	0
fipronil	fat	0.02	0.02	5	0	0	0
flubendiamide	fat	0.01	0.01	5	0	0	0
flumethrin	fat	0.02	not set	5	0	0	0
imidacloprid	fat	0.01	0.02	5	0	0	0

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indoxacarb	fat	0.02	0.01	5	0	0	0
malathion (maldison)	fat	0.01	1	5	0	0	0
methidathion	fat	0.02	0.05	5	0	0	0
methoxychlor	fat	0.02	not set	5	0	0	0
mevinphos	fat	0.01	not set	5	0	0	0
omethoate	fat	0.02	not set	5	0	0	0
parathion-methyl	fat	0.02	not set	5	0	0	0
permethrin (sum of isomers)	fat	0.02	0.1	5	0	0	0
phosmet	fat	0.02	not set	5	0	0	0
pirimiphos-methyl	fat	0.02	0.05	5	0	0	0
prothiofos	fat	0.01	not set	5	0	0	0
pyraclofos	fat	0.02	not set	5	0	0	0
spirotetramat	fat	0.01	0.02	5	0	0	0
sulfoxaflor	fat	0.01	not set	5	0	0	0
tau-fluvalinate	fat	0.01	not set	5	0	0	0
temephos	fat	0.02	not set	5	0	0	0