



# Honey 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.

## Disclaimer

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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
AHD	honey	0.0004	not set	9	0	0	0
AMOZ	honey	0.000077	not set	9	0	0	0
AOZ	honey	0.000072	not set	9	0	0	0
chloramphenicol	honey	0.0003	not set	9	0	0	0
chlortetracycline	honey	0.05	not set	41	0	0	0
dihydrostreptomycin	honey	0.1	not set	41	0	0	0
doxycycline	honey	0.05	not set	41	0	0	0
florfenicol	honey	0.003	not set	9	0	0	0
neomycin	honey	0.1	not set	41	0	0	0
norfloxacin	honey	0.02	not set	41	0	0	0
oxytetracycline	honey	0.05	0.3	41	0	0	1
SEM	honey	0.00041	not set	9	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
streptomycin	honey	0.1	not set	41	0	0	0
sulfadiazine	honey	0.05	not set	41	0	0	0
sulfadimethoxine	honey	0.05	not set	41	0	0	0
sulfadimidine (sulfamethazine)	honey	0.05	not set	41	0	0	0
sulfamerazine	honey	0.05	not set	41	0	0	0
sulfamethoxazole	honey	0.05	not set	41	0	0	0
sulfaquinoxaline	honey	0.05	not set	41	0	0	0
sulfathiazole	honey	0.05	not set	41	0	0	0
tetracycline	honey	0.05	not set	41	0	0	0
thiamphenicol	honey	0.0011	not set	9	0	0	0
tylosin	honey	0.05	not set	41	0	0	0

**Table 2 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 (HHDN+HEOD)	honey	0.01	not set	23	0	0	0
arochlor 1254	honey	0.02	not set	23	0	0	0
arochlor 1260	honey	0.02	not set	23	0	0	0
chlordane	honey	0.01	not set	23	0	0	0
DDT	honey	0.02	not set	23	0	0	0
endosulfan	honey	0.02	not set	23	0	0	0
endrin	honey	0.01	not set	23	0	0	0
HCB (hexachlorobenzene)	honey	0.02	not set	23	0	0	0
HCH (BHC)	honey	0.02	not set	23	0	0	0
heptachlor	honey	0.01	not set	23	0	0	0
lindane (gamma-HCH)	honey	0.02	not set	23	0	0	0
mirex	honey	0.05	not set	23	0	0	0

**Table 3 Fungicides**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
cyproconazole	honey	0.01	not set	23	0	0	0
flutriafol	honey	0.01	not set	23	0	0	0
procymidone	honey	0.01	not set	23	0	0	0
propiconazole	honey	0.01	not set	23	0	0	0
quintozene	honey	0.02	not set	23	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	honey	0.05	not set	23	0	0	0
metolachlor	honey	0.01	not set	23	0	0	0
propachlor	honey	0.01	not set	23	0	0	0

**Table 5 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
2,4-dimethylphenylformamide	honey	0.01	not set	23	0	0	0
acetamiprid-A	honey	0.01	not set	23	0	0	0
amitraz	honey	0.01	not set	23	0	0	0
bifenthrin	honey	0.01	not set	23	0	0	0
bioresmethrin	honey	0.02	not set	23	0	0	0
carbaryl	honey	0.02	not set	23	0	0	0
chlorfenapyr	honey	0.02	not set	23	0	0	0
chlorfenvinphos (sum of isomers)	honey	0.01	not set	23	0	0	0
chlorpyrifos	honey	0.02	not set	23	0	0	0
chlorpyrifos-methyl	honey	0.02	not set	23	0	0	0
clothianidin	honey	0.01	not set	23	0	0	0
coumaphos	honey	0.01	not set	23	0	0	0
cyantraniliprole	honey	0.01	not set	23	0	0	0
cyfluthrin (sum of isomers)	honey	0.01	not set	23	0	0	0
cyhalothrin (sum of isomers)	honey	0.02	not set	23	0	0	0
cypermethrin (sum of isomers)	honey	0.01	0.01	23	0	0	0
deltamethrin	honey	0.02	not set	23	0	0	0
diazinon	honey	0.01	not set	23	0	0	0
dichlorvos	honey	0.05	not set	23	0	0	0
dicofol	honey	0.01	not set	23	0	0	0
dimethoate	honey	0.01	not set	23	0	0	0
esfenvalerate	honey	0.02	not set	11	0	0	0
ethion	honey	0.02	not set	23	0	0	0
famphur	honey	0.02	not set	23	0	0	0
fenitrothion	honey	0.01	not set	23	0	0	0
fenthion	honey	0.05	not set	23	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
fenvalerate (sum of isomers)	honey	0.02	not set	23	0	0	0
flumethrin	honey	0.005	0.005	23	0	0	0
fluvalinate (sum of isomers)	honey	0.01	0.01	15	0	0	0
imidacloprid	honey	0.01	not set	23	0	0	0
indoxacarb	honey	0.02	not set	23	0	0	0
malathion (maldison)	honey	0.01	not set	23	0	0	0
methidathion	honey	0.01	not set	23	0	0	0
methoxychlor	honey	0.02	not set	23	0	0	0
omethoate	honey	0.01	not set	23	0	0	0
paradichlorobenzene	honey	0.00075	not set	45	0	0	1
parathion-methyl	honey	0.01	not set	23	0	0	0
permethrin (sum of isomers)	honey	0.01	not set	23	0	0	0
phosmet	honey	0.02	not set	23	0	0	0
pirimiphos-methyl	honey	0.01	not set	23	0	0	0
prothiofos	honey	0.01	not set	23	0	0	0
sulfoxaflor	honey	0.01	not set	23	0	0	0
tau-fluvalinate	honey	0.01	0.01	11	0	0	0
temephos	honey	0.1	not set	23	0	0	0
thiacloprid	honey	0.01	not set	23	0	0	0
thiamethoxam	honey	0.01	not set	23	0	0	0

**Table 6 Metals**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> LOR to ≤ ½ MRL	> ½ MRL to ≤ MRL	> MRL
aluminium	honey	0.5	no limit	40	26	0	0
lead	honey	0.01	no limit	40	20	0	0
selenium	honey	0.05	no limit	40	0	0	0
zinc	honey	0.05	no limit	40	40	0	0