Australian Government
Department of Agriculture, Water and the Environment

Honey residue testing annual datasets 2020–21

National Residue Survey (NRS), Department of Agriculture, Water and the Environment

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
AHD	honey	0.0005	not set	10	0	0	0
amoxicillin	honey	0.01	not set	41	0	0	0
AMOZ	honey	0.0005	not set	10	0	0	0
ampicillin	honey	0.01	not set	41	0	0	0
AOZ	honey	0.0005	not set	10	0	0	0
apramycin	honey	0.05	not set	41	0	0	0
benzyl G penicillin	honey	0.01	not set	41	0	0	0
ceftiofur (desfuroylceftiofur)	honey	0.1	not set	41	0	0	0
cefuroxime	honey	0.05	not set	41	0	0	0
cephalonium	honey	0.05	not set	41	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
chloramphenicol	honey	0.0003	not set	10	0	0	0
chlortetracycline	honey	0.02	not set	41	0	0	0
cloxacillin	honey	0.01	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
erythromycin	honey	0.05	not set	41	0	0	0
florfenicol	honey	0.003	not set	10	0	0	0
gentamycin	honey	0.05	not set	41	0	0	0
lincomycin	honey	0.1	not set	41	0	0	0
neomycin	honey	0.05	not set	41	0	0	0
norfloxacin	honey	0.02	not set	41	0	0	0
oleandomycin	honey	0.05	not set	41	0	0	0
oxytetracycline	honey	0.02	0.3	41	1	0	0
SEM	honey	0.0005	not set	10	0	0	0
streptomycin	honey	0.1	not set	41	0	0	0
sulfachloropyridazine	honey	0.05	not set	41	0	0	0
sulfadiazine	honey	0.02	not set	41	0	0	0
sulfadimethoxine	honey	0.05	not set	41	0	0	0
sulfadimidine (sulfamethazine)	honey	0.02	not set	41	0	0	0
sulfadoxine	honey	0.05	not set	41	0	0	0
sulfafurazole	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
sulfamethoxydiazine (sulfameter)	honey	0.05	not set	41	0	0	0
sulfamethoxypyridazine	honey	0.02	not set	41	0	0	0
sulfapyridine	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
sulfatroxazole	honey	0.05	not set	41	0	0	0
tetracycline	honey	0.02	not set	41	0	0	0
thiamphenicol	honey	0.0011	not set	10	0	0	0
tilmicosin	honey	0.05	not set	41	0	0	0
trimethoprim	honey	0.02	not set	41	0	0	0
tulathromycin	honey	0.1	not set	41	0	0	0
tylosin	honey	0.05	not set	41	0	0	0
virginiamycin	honey	0.05	not set	41	0	0	0

Table 2: 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)	honey	0.01	not set	23	0	0	0
arochlor 1254	honey	0.01	not set	23	0	0	0
arochlor 1260	honey	0.01	not set	23	0	0	0
chlordane	honey	0.01	not set	23	0	0	0
DDT	honey	0.01	not set	23	0	0	0
endosulfan	honey	0.01	not set	23	0	0	0
endrin	honey	0.01	not set	23	0	0	0
HCB (hexachlorobenzene)	honey	0.01	not set	23	0	0	0
HCH (BHC)	honey	0.01	not set	23	0	0	0
heptachlor	honey	0.01	not set	23	0	0	0
lindane (gamma-HCH)	honey	0.01	not set	23	0	0	0
mirex	honey	0.01	not set	23	0	0	0
pentachlorobenzene	honey	0.01	not set	23	0	0	0

Table 3: Fungicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
boscalid	honey	0.01	0.5	23	0	0	0
carbendazim	honey	0.01	not set	23	0	0	0
cyproconazole	honey	0.01	not set	23	0	0	0
fluquinconazole	honey	0.01	not set	23	0	0	0
flutriafol	honey	0.01	0.5	23	0	0	0
fluxapyroxad	honey	0.01	0.1	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	0.01	not set	23	0	0	0

Table 4: Herbicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
ethofumesate	honey	0.01	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
pyrasulfotole	honey	0.01	not set	23	0	0	0

Table 5: Insecticides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤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	0.01	not set	23	0	0	0
carbaryl	honey	0.01	not set	23	0	0	0
chlorantraniliprole	honey	0.01	0.1	23	0	0	0
chlorfenapyr	honey	0.01	not set	23	0	0	0
chlorfenvinphos (sum of isomers)	honey	0.01	not set	23	0	0	0
chlorpyrifos	honey	0.01	not set	23	0	0	0
chlorpyrifos-methyl	honey	0.01	not set	23	0	0	0
clothianidin	honey	0.01	0.1	23	0	0	0
coumaphos	honey	0.01	not set	23	0	0	0
cyantraniliprole	honey	0.01	0.05	23	0	0	0
cyfluthrin (sum of isomers)	honey	0.01	not set	23	0	0	0
cyhalothrin (sum of isomers)	honey	0.01	not set	23	0	0	0
cypermethrin (sum of isomers)	honey	0.01	0.01	23	0	0	0
deltamethrin	honey	0.01	not set	23	0	0	0
diazinon	honey	0.01	not set	23	0	0	0
dichlorvos	honey	0.01	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
ethion	honey	0.01	not set	23	0	0	0
famphur	honey	0.01	not set	23	0	0	0
fenitrothion	honey	0.01	not set	23	0	0	0
fenthion	honey	0.01	not set	23	0	0	0
fenvalerate (sum of isomers)	honey	0.01	not set	23	0	0	0
fipronil	honey	0.01	0.01	23	0	0	0
flubendiamide	honey	0.01	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	23	0	0	0
imidacloprid	honey	0.01	not set	23	0	0	0
indoxacarb	honey	0.01	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	0.01	not set	23	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
omethoate	honey	0.01	not set	23	0	0	0
paradichlorobenzene	honey	0.001	not set	46	0	0	0
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	0.01	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
pyraclofos	honey	0.01	not set	23	0	0	0
spirotetramat	honey	0.01	not set	23	0	0	0
sulfoxaflor	honey	0.01	not set	23	0	0	0
temephos	honey	0.01	not set	23	0	0	0
thiacloprid	honey	0.01	not set	23	0	0	0
thiamethoxam	honey	0.01	0.5	23	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
aluminium	honey	0.5	no limit	40	29	0	0
lead	honey	0.01	no limit	40	19	0	0
selenium	honey	0.05	no limit	40	0	0	0
zinc	honey	0.05	no limit	40	40	0	0