Australian Government

Department of Agriculture, Fisheries and Forestry

Honey 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
AHD	Honey	0.0005	not set	7	0	0	0
amoxicillin	Honey	0.01	not set	50	0	0	0
AMOZ	Honey	0.0005	not set	7	0	0	0
ampicillin	Honey	0.01	not set	50	0	0	0
AOZ	Honey	0.0005	not set	7	0	0	0
apramycin	Honey	0.05	not set	50	0	0	0
benzyl G penicillin	Honey	0.01	not set	50	0	0	0
ceftiofur	Honey	0.1	not set	50	0	0	0
cefuroxime	Honey	0.05	not set	50	0	0	0
cephalonium	Honey	0.05	not set	50	0	0	0
chloramphenicol	Honey	0.0003	not set	7	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
chlortetracycline	Honey	0.01	not set	50	0	0	0
cloxacillin	Honey	0.01	not set	50	0	0	0
dihydrostreptomycin	Honey	0.05	not set	50	0	0	0
doxycycline	Honey	0.01	not set	50	0	0	0
erythromycin	Honey	0.02	not set	50	0	0	0
florfenicol	Honey	0.003	not set	7	0	0	0
gentamycin	Honey	0.05	not set	50	0	0	0
lincomycin	Honey	0.01	not set	50	0	0	0
neomycin	Honey	0.01	not set	50	0	0	0
norfloxacin	Honey	0.02	not set	50	0	0	0
oleandomycin	Honey	0.001	not set	50	0	0	0
oxytetracycline	Honey	0.01	0.3	50	0	0	0
SEM	Honey	0.0005	not set	7	0	0	0
streptomycin	Honey	0.04	not set	50	0	0	0
sulfachloropyridazine	Honey	0.02	not set	50	0	0	0
sulfadiazine	Honey	0.02	not set	50	0	0	0
sulfadimethoxine	Honey	0.02	not set	50	0	0	0
sulfadimidine (sulfamethazine)	Honey	0.02	not set	50	0	0	0
sulfadoxine	Honey	0.02	not set	50	0	0	0
sulfafurazole	Honey	0.02	not set	50	0	0	0
sulfamerazine	Honey	0.02	not set	50	0	0	0
sulfamethoxazole	Honey	0.02	not set	50	0	0	0
sulfamethoxydiazine (sulfameter)	Honey	0.02	not set	50	0	0	0
sulfamethoxypyridazine	Honey	0.02	not set	50	0	0	0
sulfapyridine	Honey	0.02	not set	50	0	0	0
sulfaquinoxaline	Honey	0.02	not set	50	0	0	0
sulfathiazole	Honey	0.02	not set	50	0	0	0
sulfatroxazole	Honey	0.02	not set	50	0	0	0
tetracycline	Honey	0.01	not set	50	0	0	0
thiamphenicol	Honey	0.0011	not set	7	0	0	0
tilmicosin	Honey	0.001	not set	50	0	0	0
trimethoprim	Honey	0.01	not set	50	0	0	0
tulathromycin	Honey	0.1	not set	50	0	0	0
tylosin	Honey	0.02	not set	50	0	0	0
virginiamycin	Honey	0.05	not set	50	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: 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	36	0	0	0
arochlor 1254	Honey	0.01	not set	36	0	0	0
arochlor 1260	Honey	0.01	not set	36	0	0	0
chlordane	Honey	0.01	not set	36	0	0	0
DDT	Honey	0.01	not set	36	0	0	0
endosulfan	Honey	0.01	not set	36	0	0	0
endrin	Honey	0.01	not set	36	0	0	0
HCB (hexachlorobenzene)	Honey	0.01	not set	36	0	0	0
HCH (BHC)	Honey	0.01	not set	36	0	0	0
heptachlor	Honey	0.01	not set	36	0	0	0
lindane (gamma-HCH)	Honey	0.01	not set	36	0	0	0
mirex	Honey	0.01	not set	36	0	0	0
pentachlorobenzene	Honey	0.01	not set	36	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	36	0	0	0
carbendazim	Honey	0.01	not set	36	0	0	0
cyproconazole	Honey	0.01	not set	36	0	0	0
fluquinconazole	Honey	0.01	not set	36	0	0	0
flutriafol	Honey	0.01	0.5	36	0	0	0
fluxapyroxad	Honey	0.01	0.1	36	0	0	0
procymidone	Honey	0.01	not set	36	0	0	0
propiconazole	Honey	0.01	not set	36	0	0	0
prothioconazole	Honey	0.02	not set	36	0	0	0
quintozene	Honey	0.01	not set	36	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	36	0	0	0
metolachlor	Honey	0.01	not set	36	0	0	0
propachlor	Honey	0.01	not set	36	0	0	0
pyrasulfotole	Honey	0.02	not set	36	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	36	0	0	0
acetamiprid	Honey	0.01	not set	36	0	0	0
amitraz	Honey	0.01	0.2	36	0	0	0
bifenthrin	Honey	0.01	not set	36	0	0	0
bioresmethrin	Honey	0.01	not set	36	0	0	0
carbaryl	Honey	0.01	not set	36	0	0	0
chlorantraniliprole	Honey	0.01	0.1	36	0	0	0
chlorfenapyr	Honey	0.01	not set	36	0	0	0
chlorfenvinphos	Honey	0.01	not set	36	0	0	0
chlorpyrifos	Honey	0.01	not set	36	0	0	0
chlorpyrifos-methyl	Honey	0.01	not set	36	0	0	0
clothianidin	Honey	0.01	0.1	36	0	0	0
coumaphos	Honey	0.01	not set	36	0	0	0
cyantraniliprole	Honey	0.01	0.05	36	0	0	0
cyfluthrin	Honey	0.01	not set	36	0	0	0
cyhalothrin	Honey	0.01	not set	36	0	0	0
cypermethrin	Honey	0.01	0.01	36	0	0	0
deltamethrin	Honey	0.01	not set	36	0	0	0
diazinon	Honey	0.01	not set	36	0	0	0
dichlorvos	Honey	0.01	not set	36	0	0	0
dicofol	Honey	0.01	not set	36	0	0	0
dimethoate	Honey	0.01	not set	36	0	0	0
ethion	Honey	0.01	not set	36	0	0	0
famphur	Honey	0.01	not set	36	0	0	0
fenitrothion	Honey	0.01	not set	36	0	0	0
fenthion	Honey	0.01	not set	36	0	0	0
fenvalerate	Honey	0.01	not set	36	0	0	0
fipronil	Honey	0.01	0.01	36	0	0	0
flubendiamide	Honey	0.01	not set	36	0	0	0
flumethrin	Honey	0.005	0.005	36	0	0	0
fluvalinate	Honey	0.01	0.01	36	0	0	0
imidacloprid	Honey	0.01	not set	36	0	0	0
indoxacarb	Honey	0.01	not set	36	0	0	0
malathion	Honey	0.01	not set	36	0	0	0
methidathion	Honey	0.01	not set	36	0	0	0
methoxychlor	Honey	0.01	not set	36	0	0	0
omethoate	Honey	0.01	not set	36	0	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
paradichlorobenzene	Honey	0.001	not set	54	0	0	1
parathion-methyl	Honey	0.01	not set	36	0	0	0
permethrin	Honey	0.01	not set	36	0	0	0
phosmet	Honey	0.01	not set	36	0	0	0
pirimiphos-methyl	Honey	0.01	not set	36	0	0	0
prothiofos	Honey	0.01	not set	36	0	0	0
pyraclofos	Honey	0.01	not set	36	0	0	0
spirotetramat	Honey	0.01	not set	36	0	0	0
sulfoxaflor	Honey	0.01	not set	36	0	0	0
temephos	Honey	0.01	not set	36	0	0	0
thiacloprid	Honey	0.01	not set	36	0	0	0
thiamethoxam	Honey	0.01	0.5	36	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	53	48	0	0
lead	Honey	0.01	no limit	53	15	0	0
selenium	Honey	0.05	no limit	53	0	0	0
zinc	Honey	0.05	no limit	53	53	0	0