Australian Government
Department of Agriculture and Water Resources

Lentil residue testing annual datasets 2014–15

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 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 Fungicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
azoxystrobin	whole	0.01	0.5	54	0	0
benalaxyl	whole	0.01	not set	54	0	0
benomyl	whole	0.01	0.5	2	0	0
bitertanol	whole	0.01	not set	54	0	0
boscalid	whole	0.01	0.5	54	0	0
bupirimate	whole	0.01	not set	54	0	0
captafol	whole	0.02	not set	54	0	0
captan	whole	0.02	0.1	54	0	0
carbendazim	whole	0.01	0.5	54	0	0
chlorothalonil	whole	0.01	3	54	0	0
cyproconazole	whole	0.01	0.01	54	0	0
cyprodinil	whole	0.01	not set	54	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
difenoconazole	whole	0.01	not set	54	0	0
dimethomorph	whole	0.01	not set	54	0	0
dithianon	whole	0.01	not set	54	0	0
dodine	whole	0.01	not set	54	0	0
epoxiconazole	whole	0.01	not set	54	0	0
etridiazole	whole	0.01	0.2	54	0	0
fenarimol	whole	0.01	not set	54	0	0
fenhexamid	whole	0.01	not set	54	0	0
fluazinam	whole	0.01	not set	54	0	0
fludioxonil	whole	0.01	not set	54	0	0
fluquinconazole	whole	0.01	not set	54	0	0
flusilazole	whole	0.01	not set	54	0	0
flutriafol	whole	0.01	not set	54	0	0
fluxapyroxad	whole	0.01	0.1	54	0	0
hexaconazole	whole	0.01	not set	54	0	0
imazalil	whole	0.01	not set	54	0	0
ipconazole	whole	0.01	not set	54	0	0
iprodione	whole	0.01	not set	54	0	0
kresoxim-methyl	whole	0.01	not set	54	0	0
metalaxyl	whole	0.01	not set	54	0	0
myclobutanil	whole	0.01	not set	54	0	0
oxadixyl	whole	0.01	not set	54	0	0
penconazole	whole	0.01	not set	54	0	0
prochloraz	whole	0.01	not set	54	0	0
procymidone	whole	0.01	0.5	54	0	0
propiconazole	whole	0.01	not set	54	0	0
prothioconazole	whole	0.01	0.1	54	0	0
pyraclostrobin	whole	0.01	not set	54	0	0
pyrimethanil	whole	0.01	not set	54	0	0
spiroxamine	whole	0.01	not set	54	0	0
tebuconazole	whole	0.01	0.2	54	0	0
thiabendazole	whole	0.01	not set	54	0	1
tolclofos methyl	whole	0.01	not set	54	0	0
triadimefon	whole	0.01	not set	54	0	0
triadimenol	whole	0.01	not set	54	0	0
trifloxystrobin	whole	0.01	not set	54	0	0
triticonazole	whole	0.01	not set	54	0	0
vinclozolin	whole	0.01	not set	54	0	0

Table 2 Herbicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
2,2-DPA (2,2-dichloropropionic acid)	whole	0.01	not set	54	0	0
2,4-D	whole	0.01	0.05	54	0	0
amitrole	whole	0.01	0.01	7	0	0
atrazine	whole	0.01	not set	54	0	0
bromacil	whole	0.01	not set	54	0	0
bromoxynil	whole	0.01	not set	54	0	0
carfentrazone-ethyl	whole	0.01	not set	54	0	0
chlorpropham	whole	0.01	not set	54	0	0
chlorsulfuron	whole	0.01	not set	54	0	0
chlorthal-dimethyl	whole	0.01	not set	54	0	0
clethodim	whole	0.01	0.1	54	0	0
clodinafop-propargyl	whole	0.01	not set	54	0	0
clopyralid	whole	0.01	not set	54	0	0
cyanazine	whole	0.01	0.01	54	0	0
dicamba	whole	0.01	not set	54	0	0
dichlobenil	whole	0.01	not set	54	0	0
dichlorprop-P	whole	0.01	not set	54	0	0
diclofop-methyl	whole	0.01	not set	7	0	0
diflufenican	whole	0.01	0.05	54	0	0
diquat	whole	0.01	1	7	0	0
diuron	whole	0.01	0.05	54	0	0
ethofumesate	whole	0.01	not set	54	0	0
fenoxaprop-ethyl	whole	0.01	not set	7	0	0
flamprop-M-methyl	whole	0.01	not set	7	0	0
fluazifop-p-butyl	whole	0.01	0.5	7	0	0
flumetsulam	whole	0.01	0.05	17	0	0
glufosinate	whole	0.01	not set	7	0	0
glyphosate	whole	0.01	5	7	0	0
haloxyfop	whole	0.01	0.1	7	0	0
imazamox	whole	0.01	not set	54	0	0
imazapic	whole	0.01	not set	54	0	0
imazapyr	whole	0.01	not set	54	0	0
imazaquin	whole	0.01	not set	54	0	0
imazethapyr	whole	0.01	0.1	54	0	0
iodosulfuron-methyl	whole	0.01	not set	54	0	0
ioxynil	whole	0.01	not set	54	0	0
isoxaben	whole	0.01	not set	54	0	0
linuron	whole	0.01	not set	54	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	not set	54	0	0
methabenthiazuron	whole	0.01	not set	54	0	0
metolachlor	whole	0.01	0.01	54	0	0
metosulam	whole	0.01	not set	54	0	0
metribuzin	whole	0.01	0.01	54	0	0
metsulfuron-methyl	whole	0.01	not set	54	0	0
napropamide	whole	0.01	not set	54	0	0
norflurazon	whole	0.01	not set	54	0	0
oryzalin	whole	0.01	not set	54	0	0
oxyfluorfen	whole	0.01	not set	54	0	0
paraquat	whole	0.01	1	7	0	0
pendimethalin	whole	0.01	0.05	54	0	0
picloram	whole	0.01	not set	54	0	0
propachlor	whole	0.01	not set	54	0	0
quizalofop-ethyl	whole	0.01	0.2	7	0	0
quizalofop-P-tefuryl	whole	0.01	0.2	7	0	0
sethoxydim	whole	0.01	0.1	54	0	0
simazine	whole	0.01	not set	54	0	0
tralkoxydim	whole	0.01	not set	54	0	0
triasulfuron	whole	0.01	not set	54	0	0
triclopyr	whole	0.01	not set	54	0	0
trifluralin	whole	0.01	0.05	54	0	0

Table 3 Insecticides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
abamectin	whole	0.01	not set	54	0	0
acephate	whole	0.01	not set	54	0	0
acetamiprid	whole	0.01	not set	54	0	0
aldicarb	whole	0.01	not set	54	0	0
amitraz	whole	0.01	not set	54	0	0
azamethiphos	whole	0.01	not set	54	0	0
azinphos-methyl	whole	0.01	not set	54	0	0
bifenazate	whole	0.01	not set	54	0	0
bifenthrin	whole	0.01	0.02	54	0	0
bioresmethrin	whole	0.01	not set	54	0	0
buprofezin	whole	0.01	not set	54	0	0
cadusafos	whole	0.01	not set	54	0	0
carbaryl	whole	0.01	0.1	54	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
carbofuran	whole	0.01	not set	54	0	0
chlorantraniliprole	whole	0.01	0.01	54	0	0
chlorfenapyr	whole	0.01	not set	54	0	0
chlorfenvinphos	whole	0.01	not set	54	0	0
chlorpyrifos	whole	0.01	0.1	54	0	0
chlorpyrifos-methyl	whole	0.01	not set	54	0	0
clofentezine	whole	0.01	not set	54	0	0
clothianidin	whole	0.01	not set	54	0	0
cyfluthrin	whole	0.01	0.5	54	0	0
cyhalothrin	whole	0.01	0.2	54	0	0
cypermethrin	whole	0.01	0.01	54	0	1
deltamethrin	whole	0.01	0.1	54	0	0
diafenthiuron	whole	0.01	not set	54	0	0
diazinon	whole	0.01	0.7	54	0	0
dichlorvos	whole	0.01	2	54	0	0
dicofol	whole	0.01	not set	54	0	0
diflubenzuron	whole	0.01	not set	54	0	0
dimethoate	whole	0.01	0.5	54	0	0
disulfoton	whole	0.01	not set	54	0	0
emamectin	whole	0.01	0.01	54	0	0
endosulfan	whole	0.01	not set	54	0	0
esfenvalerate	whole	0.01	0.5	54	0	0
ethion	whole	0.01	not set	54	0	0
ethoprophos	whole	0.005	not set	54	0	0
etoxazole	whole	0.01	not set	54	0	0
fenamiphos	whole	0.01	not set	54	0	0
fenbutatin oxide	whole	0.01	not set	54	0	0
fenitrothion	whole	0.01	0.1	54	0	0
fenoxycarb	whole	0.01	not set	54	0	0
fenpyroximate	whole	0.01	not set	54	0	0
fenthion	whole	0.01	not set	54	0	0
fenvalerate	whole	0.01	0.5	54	0	0
fipronil	whole	0.005	not set	54	0	0
hexythiazox	whole	0.01	not set	54	0	0
imidacloprid	whole	0.01	0.2	54	0	0
indoxacarb	whole	0.01	0.2	54	0	0
malathion (maldison)	whole	0.01	8	54	0	0
methacrifos	whole	0.01	not set	54	0	0
methamidophos	whole	0.01	not set	54	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
methidathion	whole	0.01	0.01	54	0	0
methiocarb	whole	0.01	not set	54	0	0
methomyl	whole	0.01	1	54	0	0
methoprene	whole	0.01	not set	54	0	0
methoxychlor	whole	0.01	not set	54	0	0
methoxyfenozide	whole	0.01	not set	54	0	0
mevinphos	whole	0.01	not set	54	0	0
monocrotophos	whole	0.01	not set	54	0	0
omethoate	whole	0.01	2	54	0	0
parathion	whole	0.01	not set	54	0	0
parathion-methyl	whole	0.01	not set	54	0	0
permethrin	whole	0.01	not set	54	0	0
phenothrin	whole	0.01	not set	54	0	0
phorate	whole	0.01	not set	54	0	0
phosmet	whole	0.01	not set	54	0	0
piperonyl butoxide	whole	0.01	8	54	0	0
pirimicarb	whole	0.01	0.01	54	0	0
pirimiphos-methyl	whole	0.01	not set	54	0	0
profenofos	whole	0.01	not set	54	0	0
propargite	whole	0.01	not set	54	0	0
prothiofos	whole	0.01	not set	54	0	0
pymetrozine	whole	0.01	not set	54	0	0
pyrethrins	whole	0.01	1	54	0	0
pyriproxyfen	whole	0.01	not set	54	0	0
spinetoram	whole	0.01	not set	54	0	0
spinosad	whole	0.01	0.01	54	0	0
spirotetramat	whole	0.01	not set	54	0	0
sulfoxaflor	whole	0.01	not set	48	0	0
tau-fluvalinate	whole	0.01	not set	54	0	0
tebufenozide	whole	0.01	not set	54	0	0
tebufenpyrad	whole	0.01	not set	54	0	0
terbufos	whole	0.01	not set	54	0	0
tetradifon	whole	0.01	not set	54	0	0
thiacloprid	whole	0.01	not set	54	0	0
thiamethoxam	whole	0.01	not set	54	0	0
thiodicarb	whole	0.01	0.1	54	0	0
triazofos	whole	0.01	not set	54	0	0
trichlorfon	whole	0.01	0.2	54	0	0
triflumuron	whole	0.01	not set	54	0	0

Table 4 Contaminants

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
aldrin and dieldrin (HHDN+HEOD)	whole	0.01	not set	54	0	0
chlordane	whole	0.01	0.02	54	0	0
DDT	whole	0.01	1	54	0	0
endrin	whole	0.01	not set	54	0	0
HCB (hexachlorobenzene)	whole	0.01	not set	54	0	0
HCH (or BHC)	whole	0.01	not set	54	0	0
heptachlor	whole	0.01	0.05	54	0	0
lindane (gamma-HCH)	whole	0.01	2	54	0	0
mirex	whole	0.01	not set	54	0	0

Table 5 Fumigants

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
phosphine	whole	0.005	0.01	1	0	0