



Kangaroo Annual Results 2011-12

Table 1 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. FUNGICIDES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
boscalid	Fat	0.01	0.3	25	0	0
cyproconazole	Fat	0.03	0.03	25	0	0
fluquinconazole	Fat	0.01	0.5	25	0	0
flutriafol	Fat	0.05	0.05	25	0	0
procymidone	Fat	0.1	0.2	25	0	0
propiconazole	Fat	0.05	0.1	25	0	0
quintozene	Fat	0.05	Not set	25	0	0

Table 2 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. HERBICIDES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
ethofumesate	Fat	0.1	0.5	25	0	0
metolachlor	Fat	0.05	0.05	25	0	0
propachlor	Fat	0.02	0.02	25	0	0

Table 3 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. INSECTICIDES: CARBAMATES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
carbaryl	Fat	0.1	0.2	25	0	0

Table 4 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. INSECTICIDES: ORGANOCHLORINES

Chemical	Matrix	LOR (mg/kg)	Aust. Std	No. of samples	Analytical findings (no. of detections)
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			(mg/kg)	tested	> LOR ≤ Aust. Std	> Aust. Std
dicofol	Fat	0.01	Not set	25	0	0
endosulfan	Fat	0.02	0.2	25	0	0
methoxychlor	Fat	0.02	Not set	25	0	0

Table 5 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. INSECTICIDES: ORGANOPHOSPHATES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
chlorfenvinphos	Fat	0.05	Not set	25	0	0
chlorpyrifos	Fat	0.1	0.5	25	0	0
chlorpyrifos-methyl	Fat	0.02	0.05	25	0	0
coumaphos	Fat	0.2	Not set	25	0	0
diazinon	Fat	0.05	0.7	25	0	0
dichlorvos	Fat	0.05	0.05	25	0	0
dimethoate	Fat	0.05	0.05	25	0	0
ethion	Fat	0.1	Not set	25	0	0
famphur	Fat	0.02	Not set	25	0	0
fenitrothion	Fat	0.02	0.05	25	0	0
fenthion	Fat	0.05	Not set	25	0	0
malathion	Fat	0.2	1	25	0	0
methidathion	Fat	0.1	Not set	25	0	0
omethoate	Fat	0.05	Not set	25	0	0
parathion-methyl	Fat	0.05	0.05	25	0	0
phosmet	Fat	0.02	Not set	25	0	0
pirimiphos-methyl	Fat	0.05	0.05	25	0	0
prothiofos	Fat	0.01	Not set	25	0	0
pyraclofos	Fat	0.04	Not set	25	0	0
temephos	Fat	0.1	Not set	25	0	0

Table 6 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. INSECTICIDES: PYRETHROIDS

Chemical	Matrix	LOR (mg/kg)	Aust. Std	No. of samples	Analytical findings (no. of detections)
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			(mg/kg)	tested	> LOR ≤ Aust. Std	> Aust. Std
bifenthrin	Fat	0.02	2	25	0	0
bioresmethrin	Fat	0.02	Not set	25	0	0
cyfluthrin	Fat	0.01	0.5	25	0	0
cyhalothrin	Fat	0.02	0.5	25	0	0
cypermethrin	Fat	0.01	Not set	25	0	0
deltamethrin	Fat	0.02	Not set	25	0	0
fenvalerate	Fat	0.02	1	25	0	0
flumethrin	Fat	0.02	Not set	25	0	0
permethrin	Fat	0.02	1	25	0	0
tau-fluvalinate	Fat	0.01	Not set	25	0	0

Table 7 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. INSECTICIDES: OTHER

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
chlorfenapyr	Fat	0.05	0.05	25	0	0
fipronil	Fat	0.02	0.1	25	0	0
flubendiamide	Fat	0.01	0.05	25	0	0
imidacloprid	Fat	0.01	0.05	25	0	0
indoxacarb	Fat	0.1	1	25	0	0

Table 8 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. ENVIRONMENTAL CONTAMINANTS: PERSISTENT ORGANIC POLLUTANTS

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
aldrin and dieldrin	Fat	0.02	0.2	25	0	0
aroclor 1254 and aroclor 1260	Fat	0.03	0.2	25	0	0
chlordane	Fat	0.02	0.2	25	0	0
DDT	Fat	0.1	5	25	0	0
endrin	Fat	0.01	Not set	25	0	0
HCB	Fat	0.02	1	25	0	0
HCH	Fat	0.02	0.3	25	0	0

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
heptachlor	Fat	0.02	0.2	25	0	0
lindane	Fat	0.01	2	25	0	0
mirex	Fat	0.05	Not set	25	0	0
pentachlorobenzene	Fat	0.01	Not set	25	0	0

Table 9 AGRICULTURAL CHEMICALS AND ANIMAL TREATMENTS. ENVIRONMENTAL CONTAMINANTS: METALS

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	No. of samples tested	Analytical findings (no. of detections)	
					> LOR ≤ Aust. Std	> Aust. Std
cadmium	Liver	0.01	No limit	28	13	n/a
lead	Liver	0.01	No limit	28	20	n/a
mercury	Liver	0.01	No limit	28	0	n/a

LOR = Limit of reporting; Aust. Std = Australian Standard

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.

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 urine and faeces.

n/a - Australian Standard does not apply. No limit set or defined.