



Australian Government

Department of Agriculture, Fisheries and Forestry

Macadamia Annual Results 2011-12

Table 1 INSECTICIDES - ORGANOCHLORINES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
Aldrin & Dieldrin	WHOLE	0.01	Not set	141	0	0
Chlordane	WHOLE	0.01	Not set	141	0	0
DDT	WHOLE	0.01	Not set	141	0	0
Dicofol	WHOLE	0.01	Not set	141	0	0
Endosulfan	WHOLE	0.01	0.05	141	0	0
Endrin	WHOLE	0.01	Not set	141	0	0
HCB	WHOLE	0.01	Not set	141	0	0
HCH	WHOLE	0.01	Not set	141	0	0
Heptachlor	WHOLE	0.01	Not set	141	0	0
Lindane	WHOLE	0.01	Not set	141	0	0

Table 2 INSECTICIDES - ORGANOPHOSPHATES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
Acephate	WHOLE	0.05	0.1	141	0	0
Azinphos-methyl	WHOLE	0.01	0.01	141	0	0
Chlorpyrifos	WHOLE	0.01	0.05	141	0	0
Diazinon	WHOLE	0.05	0.1	141	0	0
Methidathion	WHOLE	0.01	0.01	141	0	0
Trichlorfon	WHOLE	0.05	0.1	141	0	0

Table 3 INSECTICIDES - SYNTHETIC PYRETHROIDS

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
Cyfluthrin	WHOLE	0.01	0.05	141	0	0
Deltamethrin	WHOLE	0.01	Not set	141	0	0
Permethrin	WHOLE	0.01	Not set	141	0	0

Table 4 OTHER INSECTICIDES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
Carbaryl	WHOLE	0.05	1	141	0	0
Methoxyfenozide	WHOLE	0.01	0.05	141	0	0
Tebufofenozide	WHOLE	0.02	0.05	141	0	0

Table 5 FUNGICIDES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
Carbendazim	WHOLE	0.01	0.1	141	0	0
Difenoconazole	WHOLE	0.01	0.01	141	0	0
Iprodione	WHOLE	0.01	0.01	141	0	0
Metalaxyl	WHOLE	0.01	1	141	0	0
Pyraclostrobin	WHOLE	0.01	0.01	141	0	0

Table 6 HERBICIDES

Chemical	Matrix	LOR (mg/kg)	Aust. Std (mg/kg)	Number of samples tested	Analytical findings (number of detections)	
					>half Aust. Std ≤ Aust. Std	> Aust. Std
Oxyfluorfen	WHOLE	0.01	0.05	141	0	0

Not set - No 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 standard applicable for the contaminant. The 'as low as reasonably achievable' principle applies. Detections at low levels are allowable.