

Bulmers Farmfresh Vegetables P/L
30 Bulmers Lane
Lindnow VIC, AUSTRALIA, 3865

Attention: Lee McKenzie

Overall Description: Spinach

Our Ref No: FM1822718

Your Ref: 3441

Project:

Report Date: 17 Apr 2018

Samples Received: 28 Mar 2018

Testing Commenced: 10 Apr 2018

This report cannot be reproduced except in full, without written approval from the laboratory.
Samples tested as received into the laboratory.

Sample Details: Test Description	Results	Units	Site
001 Sample 1 (NATA Accredited)			
FC0074	Arsenic	<0.10	mg/kg NSW
FC0074	Cadmium	<0.10	mg/kg NSW
FC0074	Lead	<0.10	mg/kg NSW
FC0074	Mercury*	<0.10	mg/kg NSW
FC5084 - C3 Pesticide Screen	Acephate	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Aldrin	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Azinphos-methyl	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Benalaxyl	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	BHC - Total	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Bifenthrin	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Bioresmethrin	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Bitertanol	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Buprofezin	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Captan	<0.050	mg/kg VIC
FC5084 - C3 Pesticide Screen	Carbaryl	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Chlordane	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Chlorfenapyr	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Chlorothalonil	<0.050	mg/kg VIC
FC5084 - C3 Pesticide Screen	Chlorpyrifos	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Chlorpyrifos methyl	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Chlorthal dimethyl	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Clofentezine	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Cyfluthrin	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Cyhalothrin	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Cypermethrin	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Cyproconazole	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	Cyprodinil	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	DDD - p,p	<0.010	mg/kg VIC
FC5084 - C3 Pesticide Screen	DDE - p,p	<0.010	mg/kg VIC

NATA: NSW - 1247 (site: 2040)
TGA: NSW - MI- 2012 - LI - 05733 - 3
APVMA: NSW - 6179

VIC - 1247 (sites: 1240, 16438)
VIC - MI-2012 - LI - 06776 - 3
VIC - 6181

QLD - 1247 (site: 23818)

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FC5084 - C3 Pesticide Screen	DDT - p,p	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	DDT - Total	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Deltamethrin	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Demeton-S-methyl	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Diazinon	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Dichlorvos	0.19	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Dicloran	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Dicofol	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Dieldrin	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Difenoconazole	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Dimethomorph	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Diphenylamine	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Endosulfan sulfate	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Endosulphan - Total	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Endrin	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Esfenvalerate	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Fenamiphos	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Fenarimol	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Fenitrothion	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Fenoxycarb	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Fenthion	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Fenvalerate	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Fipronil	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Fludioxonile	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Flusilazole	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Fluvalinate	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	HCB	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Heptachlor	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Heptachlor epoxide	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Hexaconazole	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Hexythiazox	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Imazalil	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Indoxacarb	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Iprodione	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Kresoxim-methyl	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Lindane	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Linuron	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Malathion	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Metalaxyl	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Methamidophos	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Methidathion	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Metribuzin	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Mevinphos	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Monocrotophos	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Omethoate	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Oxyfluorfen	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Paclobutrazol	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Parathion-ethyl	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Parathion-methyl	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Penconazole	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Pendimethalin	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Permethrin	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Phenothrin	<0.010	mg/kg	VIC

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FC5084 - C3 Pesticide Screen	Phorate	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Phosmet	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Piperonyl Butoxide	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Pirimicarb	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Pirimphos methyl	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Prochloraz	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Procymidone	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Profenofos	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Propargite	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Propiconazole	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Prothiofos	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Pyrethrins	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Pyrimethanil	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Pyriproxifen	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Quintozen	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Tebuconazole	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Tebufenpyrad	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Terbufos	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Tetradifon	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Tolclophos-methyl	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Triadimefon	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Triadimenol	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Trichlorfon	0.28	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Vinclozolin	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Oxadixyl	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Disulfoton	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Ethoprofos	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Etoxazole	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Bifenazate	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Abamectin	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Chlorfenvinphos	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Dimethoate	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Fenvalerate (Total)	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Dimethoate (Total)	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Penthiopyrad	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Sulfoxaflor	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	BHC alpha	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	BHC beta	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	BHC delta	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Endosulphan alpha	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Endosulphan beta	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Cypermethrin alpha	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Cyfluthrin beta	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Cyhalothrin Lambda	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Fludioxonil	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	BHC gamma (Lindane)	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Fluvalinate tau	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	Myclobutanil	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	2-Phenylphenol	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	DDD - o.p.	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	DDE - o.p.	<0.010	mg/kg	VIC
FC5084 - C3 Pesticide Screen	DDT - o.p.	<0.010	mg/kg	VIC
FC5086	Azoxystrobin	<0.010	mg/kg	VIC

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FC5086	Boscalid	<0.010	mg/kg	VIC
FC5086	Carbendazim	<0.010	mg/kg	VIC
FC5086	Chlorantraniliprole	<0.010	mg/kg	VIC
FC5086	Dithianon	<0.10	mg/kg	VIC
FC5086	Diuron	<0.010	mg/kg	VIC
FC5086	Fenhexamid	<0.010	mg/kg	VIC
FC5086	Fenpyroximate	<0.010	mg/kg	VIC
FC5086	Flubendiamide	<0.010	mg/kg	VIC
FC5086	Imidacloprid	<0.010	mg/kg	VIC
FC5086	Methomyl	<0.010	mg/kg	VIC
FC5086	Methomyl oxime	<0.010	mg/kg	VIC
FC5086	Pymetrozine	<0.010	mg/kg	VIC
FC5086	Pyraclostrobin	<0.010	mg/kg	VIC
FC5086	Spinetoram	<0.010	mg/kg	VIC
FC5086	Spinosad	<0.010	mg/kg	VIC
FC5086	Spirotetramat	<0.010	mg/kg	VIC
FC5086	Tebufenozide	<0.010	mg/kg	VIC
FC5086	Thiabendazole	<0.010	mg/kg	VIC
FC5086	Thiacloprid	<0.010	mg/kg	VIC
FC5086	Thiamethoxam	<0.010	mg/kg	VIC
FC5086	Trifloxystrobin	<0.010	mg/kg	VIC

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
Rinki Sharma	Team Leader - Metals	PC - Metals
Stacey Lim	Instrumentation Team Leader	Food Chemistry



General Comments

FC5084 & FC5086 tested by Agrifood Technology. 260 Princes Highway, WERRIBEE, VIC 3030 Accreditation No. 2726.

The following compound was detected in the commodity; Dichlorvos at 0.19mg/kg and Trichlorfon 0.28mg/kg. There is no MRL listed for Dichlorvos based on the commodity and for Trichlorfon is 0.1mg/kg (Vegetables).

N/D = Not Detected, < = Less than, > = Greater than, cfu = colony forming unit, MPN = Most Probable Number, PN = Probable Number, Y = Yeast, M = Mould, ~ = Estimate

Method FC0074 - *Mercury is not NATA accredited

All results are within Maximum Residue Limits (MRL) as outlined in the Australia New Zealand Food Standards Code (FSANZ Schedule 20) unless otherwise stated.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Please contact ALS Signatories for details.

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