



Certificate of Analysis

Bulmers Farmfresh Vegetables P/L
30 Bulmers Road
Lindenow VIC, AUSTRALIA, 3865



Accreditation No. 1247
Accredited for compliance with
ISO/IEC 17025 - Testing

Attention: QUALITY - Main contact

Overall Description: Kale

Our Ref No: FM2632545

Your Ref:

Project:

Report Date: 27 Apr 2026

Samples Received: 16 Apr 2026

Testing Commenced: 22 Apr 2026

This report cannot be reproduced except in full, without written approval from the laboratory.
Samples tested as received into the laboratory, unless the sampling was conducted by ALS.

Sample Details: Test Description		Results	Units	Site
001 Kale (NATA Accredited)				
FC0067	Alachlor	<0.01	mg/kg	VIC
FC0067	Aldrin	<0.01	mg/kg	VIC
FC0067	Atrazine	<0.01	mg/kg	VIC
FC0067	Azinphos ethyl	<0.01	mg/kg	VIC
FC0067	Benalaxyl	<0.01	mg/kg	VIC
FC0067	Bifenthrin	<0.01	mg/kg	VIC
FC0067	Bitertanol	<0.01	mg/kg	VIC
FC0067	Bromophos ethyl	<0.01	mg/kg	VIC
FC0067	Bupirimate	<0.01	mg/kg	VIC
FC0067	Buprofezin	<0.01	mg/kg	VIC
FC0067	Captan	<0.05	mg/kg	VIC
FC0067	Chlordane	<0.01	mg/kg	VIC
FC0067	Chlordane-cis	<0.01	mg/kg	VIC
FC0067	Chlordane-trans	<0.01	mg/kg	VIC
FC0067	Chlorfenapyr	<0.01	mg/kg	VIC
FC0067	Chlorfenvinphos	<0.01	mg/kg	VIC
FC0067	Chlorothalonil	<0.05	mg/kg	VIC
FC0067	Chlorpropham	<0.01	mg/kg	VIC
FC0067	Chlorpyrifos	<0.01	mg/kg	VIC
FC0067	Chlorpyrifos methyl	<0.01	mg/kg	VIC
FC0067	Chlorthal dimethyl	<0.01	mg/kg	VIC
FC0067	Cyfluthrin	<0.01	mg/kg	VIC
FC0067	Cyhalothrin	<0.01	mg/kg	VIC
FC0067	Cypermethrin	<0.01	mg/kg	VIC
FC0067	Cyproconazole	<0.01	mg/kg	VIC
FC0067	Cyprodinil	<0.01	mg/kg	VIC
FC0067	Deltamethrin	<0.01	mg/kg	VIC
FC0067	Diazinon	<0.01	mg/kg	VIC
FC0067	Dicloran	<0.01	mg/kg	VIC
FC0067	Dicofol	<0.01	mg/kg	VIC
FC0067	o.p`-Dicofol	<0.01	mg/kg	VIC
FC0067	p.p`-Dicofol	<0.01	mg/kg	VIC

NATA: NSW - 1247 (site: 2040) **VIC** - 1247 (sites: 1240, 16438)
TGA: NSW - MI-2012 - LI - 05733 - 3 **VIC** - MI-2012 - LI - 06776 - 3
APVMA: NSW - 6179 **VIC** - 6181

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FC0067	Dieldrin	<0.01	mg/kg	VIC
FC0067	Difenoconazole	<0.01	mg/kg	VIC
FC0067	Dimethomorph	<0.01	mg/kg	VIC
FC0067	Diphenylamine	<0.01	mg/kg	VIC
FC0067	Disulfoton	<0.01	mg/kg	VIC
FC0067	Endosulfan	<0.01	mg/kg	VIC
FC0067	Endosulfan alpha	<0.01	mg/kg	VIC
FC0067	Endosulfan beta	<0.01	mg/kg	VIC
FC0067	Endosulfan sulfate	<0.01	mg/kg	VIC
FC0067	Endrin	<0.01	mg/kg	VIC
FC0067	Endrin ketone	<0.01	mg/kg	VIC
FC0067	Esfenvalerate	<0.01	mg/kg	VIC
FC0067	Ethoprophos	<0.01	mg/kg	VIC
FC0067	Fenarimol	<0.01	mg/kg	VIC
FC0067	Fenbuconazole	<0.01	mg/kg	VIC
FC0067	Fenitrothion	<0.01	mg/kg	VIC
FC0067	Fenvalerate	<0.01	mg/kg	VIC
FC0067	Fludioxonil	<0.01	mg/kg	VIC
FC0067	Flusilazole	<0.01	mg/kg	VIC
FC0067	HCB	<0.01	mg/kg	VIC
FC0067	HCH Alpha	<0.01	mg/kg	VIC
FC0067	HCH Beta	<0.01	mg/kg	VIC
FC0067	HCH Delta	<0.01	mg/kg	VIC
FC0067	Heptachlor	<0.01	mg/kg	VIC
FC0067	Heptachlor epoxide	<0.01	mg/kg	VIC
FC0067	Hexaconazole	<0.01	mg/kg	VIC
FC0067	Imazalil	<0.01	mg/kg	VIC
FC0067	Iprodione	<0.01	mg/kg	VIC
FC0067	Kresoxim-methyl	<0.01	mg/kg	VIC
FC0067	Lindane Gamma HCH	<0.01	mg/kg	VIC
FC0067	Malathion	<0.01	mg/kg	VIC
FC0067	Methacrifos	<0.01	mg/kg	VIC
FC0067	Methodathion	<0.01	mg/kg	VIC
FC0067	Methoxychlor	<0.01	mg/kg	VIC
FC0067	Metribuzin	<0.01	mg/kg	VIC
FC0067	Mevinphos	<0.01	mg/kg	VIC
FC0067	Myclobutanil	<0.01	mg/kg	VIC
FC0067	o-Phenylphenol	<0.01	mg/kg	VIC
FC0067	o,p-DDD	<0.01	mg/kg	VIC
FC0067	o,p-DDE	<0.01	mg/kg	VIC
FC0067	o,p-DDT	<0.01	mg/kg	VIC
FC0067	Oxychlorthane	<0.01	mg/kg	VIC
FC0067	Oxyfluorfen	<0.01	mg/kg	VIC
FC0067	p,p-DDD	<0.01	mg/kg	VIC
FC0067	p,p-DDE	<0.01	mg/kg	VIC
FC0067	p,p-DDT	<0.01	mg/kg	VIC
FC0067	Paclobutrazol	<0.01	mg/kg	VIC
FC0067	Parathion Ethyl	<0.01	mg/kg	VIC
FC0067	Parathion Methyl	<0.01	mg/kg	VIC
FC0067	Penconazole	<0.01	mg/kg	VIC
FC0067	Pendimethalin	<0.01	mg/kg	VIC
FC0067	Permethrin	<0.01	mg/kg	VIC
FC0067	Piperonyl Butoxide	<0.01	mg/kg	VIC
FC0067	Prochloraz	<0.01	mg/kg	VIC

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FC0067	Procymidone	<0.01	mg/kg	VIC
FC0067	Profenofos	<0.01	mg/kg	VIC
FC0067	Propachlor	<0.01	mg/kg	VIC
FC0067	Propiconazole	<0.01	mg/kg	VIC
FC0067	Prothiofos	<0.01	mg/kg	VIC
FC0067	Pyrimethanil	<0.01	mg/kg	VIC
FC0067	Pyriproxyfen	<0.01	mg/kg	VIC
FC0067	Quintozene	<0.01	mg/kg	VIC
FC0067	Tebuconazole	<0.01	mg/kg	VIC
FC0067	Tebufenpyrad	<0.01	mg/kg	VIC
FC0067	Tetradifon	<0.01	mg/kg	VIC
FC0067	Tolclophos-methyl	<0.01	mg/kg	VIC
FC0067	Triadimefon	<0.01	mg/kg	VIC
FC0067	Triadimenol	<0.01	mg/kg	VIC
FC0067	Vinclozolin	<0.01	mg/kg	VIC
FC0071	Abamectin	<0.01	mg/kg	VIC
FC0071	Acephate	<0.01	mg/kg	VIC
FC0071	Azoxystrobin	<0.01	mg/kg	VIC
FC0071	Bifenazate	<0.01	mg/kg	VIC
FC0071	Bifenazate Diazene	<0.01	mg/kg	VIC
FC0071	Bioresmethrin	<0.01	mg/kg	VIC
FC0071	Boscalid	<0.01	mg/kg	VIC
FC0071	Carbaryl	<0.01	mg/kg	VIC
FC0071	Carbendazim	<0.01	mg/kg	VIC
FC0071	Carbofuran	<0.01	mg/kg	VIC
FC0071	Chlorantranilprole	<0.01	mg/kg	VIC
FC0071	Clofentezine	<0.01	mg/kg	VIC
FC0071	Demeton-S	<0.01	mg/kg	VIC
FC0071	Demeton-S-methyl	<0.01	mg/kg	VIC
FC0071	Demeton-S-Sulfone	<0.01	mg/kg	VIC
FC0071	Demeton-S-Sulfoxide	<0.01	mg/kg	VIC
FC0071	Dichlofluanid	<0.01	mg/kg	VIC
FC0071	Dichlorvos	<0.01	mg/kg	VIC
FC0071	Dimethoate	<0.01	mg/kg	VIC
FC0071	Disulfoton sulfone	<0.01	mg/kg	VIC
FC0071	Disulfoton sulfoxide	<0.01	mg/kg	VIC
FC0071	Diuron	<0.01	mg/kg	VIC
FC0071	Etoxazole	<0.01	mg/kg	VIC
FC0071	Fenamiphos	<0.01	mg/kg	VIC
FC0071	Fenhexamid	<0.01	mg/kg	VIC
FC0071	Fenpyroximate	<0.01	mg/kg	VIC
FC0071	Fenthion	<0.01	mg/kg	VIC
FC0071	Fenthion oxon	<0.01	mg/kg	VIC
FC0071	Fenthion oxon sulfone	<0.01	mg/kg	VIC
FC0071	Fenthion oxon sulfoxide	<0.01	mg/kg	VIC
FC0071	Fenthion sulfone	<0.01	mg/kg	VIC
FC0071	Fenthion sulfoxide	<0.01	mg/kg	VIC
FC0071	Fipronil	<0.01	mg/kg	VIC
FC0071	Fipronil desulfinyl	<0.01	mg/kg	VIC
FC0071	Fipronil sulfide	<0.01	mg/kg	VIC
FC0071	Fipronil sulfone	<0.01	mg/kg	VIC
FC0071	Flubendiamide	<0.01	mg/kg	VIC
FC0071	Fluvalinate	<0.01	mg/kg	VIC
FC0071	Fluvalinate-tau	<0.01	mg/kg	VIC

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FC0071	Hexythiazox	<0.01	mg/kg	VIC
FC0071	Imidacloprid	<0.01	mg/kg	VIC
FC0071	Indoxacarb	<0.01	mg/kg	VIC
FC0071	Linuron	<0.01	mg/kg	VIC
FC0071	Metalaxyl	<0.01	mg/kg	VIC
FC0071	Methamidophos	<0.01	mg/kg	VIC
FC0071	Methomyl	<0.01	mg/kg	VIC
FC0071	Omethoate	<0.01	mg/kg	VIC
FC0071	Oxamyl	<0.01	mg/kg	VIC
FC0071	Penthiopyrad	<0.01	mg/kg	VIC
FC0071	Phenothrin	<0.01	mg/kg	VIC
FC0071	Phorate	<0.01	mg/kg	VIC
FC0071	Phosmet	<0.01	mg/kg	VIC
FC0071	Phosmet oxon	<0.01	mg/kg	VIC
FC0071	Pirimicarb	<0.01	mg/kg	VIC
FC0071	Propamocarb	<0.01	mg/kg	VIC
FC0071	Propargite	<0.01	mg/kg	VIC
FC0071	Prosulfocarb	<0.01	mg/kg	VIC
FC0071	Pymetrozine	<0.01	mg/kg	VIC
FC0071	Pyraclostrobin	<0.01	mg/kg	VIC
FC0071	Pyrasulfatole	<0.01	mg/kg	VIC
FC0071	Pyrethrins	<0.01	mg/kg	VIC
FC0071	Simazine	<0.01	mg/kg	VIC
FC0071	Spinetoram	<0.01	mg/kg	VIC
FC0071	Spinetoram A	<0.01	mg/kg	VIC
FC0071	Spinetoram B	<0.01	mg/kg	VIC
FC0071	Spinosad	<0.01	mg/kg	VIC
FC0071	Spinosyn A	<0.01	mg/kg	VIC
FC0071	Spinosyn D	<0.01	mg/kg	VIC
FC0071	Spirotetramat	<0.01	mg/kg	VIC
FC0071	Sulfoxaflor	0.011	mg/kg	VIC
FC0071	Tebufenozide	<0.01	mg/kg	VIC
FC0071	Terbufos	<0.01	mg/kg	VIC
FC0071	Thiabendazole	<0.01	mg/kg	VIC
FC0071	Thiacloprid	<0.01	mg/kg	VIC
FC0071	Thiamethoxam	<0.01	mg/kg	VIC
FC0071	Trichlorfon	<0.01	mg/kg	VIC
FC0071	Trifloxystrobin	<0.01	mg/kg	VIC
FC0071	Vamidotion	<0.01	mg/kg	VIC
FC0110	Dithiocarbamates	0.28	mg/kg	VIC
FC0114	Cadmium	0.012	mg/kg	VIC
FC0114	Lead	0.040	mg/kg	VIC

¹NATA accreditation does not cover the performance of this service.
Measurement of Uncertainty values for your compliance are available at <https://www.alsglobal.com/muvalues>.

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
Fox Fallon	Laboratory Supervisor - Chemistry	Food Chemistry
Nicole Osner	Technical Compliance Manager - Chemistry	Food Chemistry

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General Comments

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

Note: FC0110 method of analysis gives a measure of total carbon disulphide. Some of this may be derived from naturally occurring sulphur compounds found in this commodity and may not be from the use of dithiocarbamate fungicides.

All data relates to the sample(s) tested.

Test results are interpreted against MRLs stated in Australia New Zealand Food Standards Code Schedule 20, 21 & 22 however other interpretations may be possible (e.g. matrix interpretations).

All results are within Maximum Residue Limits (MRL) as outlined in the Australia New Zealand Food Standards Code (FSANZ Schedule 20, 21 & 22) unless otherwise stated.

When evaluating if results are within MRL the measurement of uncertainty associated with test results are not considered.

The recipients are advised to seek another expert opinion to evaluate the test results reported where significant consequence may arise.

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