

ANALYSIS REPORT

Final Report

Job No: J2507-1643
Date Issued: 28-Jul-2025
Report Number: 417348

Attention: Zak Trajkovski
Client: E.E Muir & Sons Pty Ltd
Address: 16 Raymond Road
LAVERTON NORTH VIC 3026

Purchase Order: 60048170
Date Sampled:
Date Received: 17-Jul-2025

The following sample was analysed:

Sample ID		
S25-0092830	Your Reference	KALE
	Product	Kale
	Description	BORATTO FARMS; BULL FARM

Analysis of this sample conducted between 17-Jul-2025 and 21-Jul-2025

Analysis Results

	Determinant	MRL	LOR	Result
AT3 Chemicals Test List (TP/311 & 312)				
S25-0092830	2-phenylphenol	< 0.10	<0.010	<0.010 mg/kg
S25-0092830	Abamectin	< 0.50	<0.010	<0.010 mg/kg
S25-0092830	Acephate	N/A	<0.010	<0.010 mg/kg
S25-0092830	Aldrin	N/A	<0.010	<0.010 mg/kg
S25-0092830	Atrazine	N/A	<0.010	<0.010 mg/kg
S25-0092830	Azinphos methyl	N/A	<0.010	<0.010 mg/kg
S25-0092830	Benalaxyl	N/A	<0.010	<0.010 mg/kg
S25-0092830	BHC alpha	N/A	<0.010	<0.010 mg/kg
S25-0092830	BHC beta	N/A	<0.010	<0.010 mg/kg
S25-0092830	BHC delta	N/A	<0.010	<0.010 mg/kg
S25-0092830	BHC gamma (Lindane)	< 2	<0.010	<0.010 mg/kg
S25-0092830	BHC Total	N/A	<0.020	<0.020 mg/kg
S25-0092830	Bifenazate	< 0.20	<0.010	<0.010 mg/kg
S25-0092830	Bifenthrin	< 0.01	<0.010	<0.010 mg/kg
S25-0092830	Bioresmethrin	N/A	<0.010	<0.010 mg/kg
S25-0092830	Bitertanol	N/A	<0.010	<0.010 mg/kg
S25-0092830	Buprofezin	< 0.10	<0.010	<0.010 mg/kg
S25-0092830	Captan	< 0.10	<0.050	<0.050 mg/kg
S25-0092830	Carbaryl	< 0.02	<0.010	<0.010 mg/kg
S25-0092830	Chlordane	< 0.02	<0.010	<0.010 mg/kg
S25-0092830	Chlorfenapyr	< 3	<0.010	<0.010 mg/kg
S25-0092830	Chlorothalonil	< 100	<0.050	6.6 mg/kg
S25-0092830	Chlorpyrifos	< 0.01	<0.010	<0.010 mg/kg
S25-0092830	Chlorpyrifos methyl	N/A	<0.010	<0.010 mg/kg
S25-0092830	Chlorthal dimethyl	< 5	<0.010	<0.010 mg/kg

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S25-0092830	Clofentezine	< 0.02	<0.010	<0.010 mg/kg
S25-0092830	Cyfluthrin	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Cyfluthrin beta	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Cyhalothrin	N/A	<0.010	<0.010 mg/kg
S25-0092830	Cyhalothrin lambda	N/A	<0.010	<0.010 mg/kg
S25-0092830	Cypermethrin	< 5	<0.010	<0.010 mg/kg
S25-0092830	Cypermethrin alpha	< 5.00	<0.010	<0.010 mg/kg
S25-0092830	Cyproconazole	< 0.01	<0.010	<0.010 mg/kg
S25-0092830	Cyprodinil	< 10	<0.010	<0.010 mg/kg
S25-0092830	DDD p,p	< 1	<0.010	<0.010 mg/kg
S25-0092830	DDE p,p	< 1	<0.010	<0.010 mg/kg
S25-0092830	DDT p,p	< 1	<0.010	<0.010 mg/kg
S25-0092830	DDT Total	< 1	<0.020	<0.020 mg/kg
S25-0092830	Deltamethrin	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Diazinon	< 0.70	<0.010	<0.010 mg/kg
S25-0092830	Dichlorvos	< 0.01	<0.010	<0.010 mg/kg
S25-0092830	Dicloran	N/A	<0.010	<0.010 mg/kg
S25-0092830	Dicofol	< 5	<0.010	<0.010 mg/kg
S25-0092830	Dieldrin	N/A	<0.010	<0.010 mg/kg
S25-0092830	Difenoconazole	< 5.00	<0.010	<0.010 mg/kg
S25-0092830	Dimethoate	N/A	<0.010	<0.010 mg/kg
S25-0092830	Dimethoate (Total)	N/A	<0.010	<0.010 mg/kg
S25-0092830	Dimethomorph	< 30.00	<0.010	<0.010 mg/kg
S25-0092830	Diphenylamine	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Disulfoton	N/A	<0.010	<0.010 mg/kg
S25-0092830	Endosulphan alpha	N/A	<0.010	<0.010 mg/kg
S25-0092830	Endosulphan beta	N/A	<0.010	<0.010 mg/kg
S25-0092830	Endosulphan sulphate	N/A	<0.010	<0.010 mg/kg
S25-0092830	Endosulphan Total	N/A	<0.020	<0.020 mg/kg
S25-0092830	Endrin Total	N/A	<0.020	<0.020 mg/kg
S25-0092830	Esfenvalerate	< 1	<0.010	<0.010 mg/kg
S25-0092830	Ethoprosfos	N/A	<0.010	<0.010 mg/kg
S25-0092830	Etoxazole	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Fenamiphos	N/A	<0.010	<0.010 mg/kg
S25-0092830	Fenarimol	N/A	<0.010	<0.010 mg/kg

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S25-0092830	Fenitrothion	N/A	<0.010	<0.010 mg/kg
S25-0092830	Fenoxycarb	< 0.10	<0.010	<0.010 mg/kg
S25-0092830	Fenthion	N/A	<0.010	<0.010 mg/kg
S25-0092830	Fenvalerate	< 1	<0.010	<0.010 mg/kg
S25-0092830	Fenvalerate (Total)	< 1	<0.010	<0.010 mg/kg
S25-0092830	Fipronil	N/A	<0.010	<0.010 mg/kg
S25-0092830	Fludioxonil	< 15	<0.010	<0.010 mg/kg
S25-0092830	Flusilazole	N/A	<0.010	<0.010 mg/kg
S25-0092830	Fluvalinate	< 0.02	<0.010	<0.010 mg/kg
S25-0092830	Fluvalinate tau	< 0.02	<0.010	<0.010 mg/kg
S25-0092830	HCB	N/A	<0.010	<0.010 mg/kg
S25-0092830	Heptachlor	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Heptachlor epoxide	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Hexaconazole	N/A	<0.010	<0.010 mg/kg
S25-0092830	Hexythiazox	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Imazalil	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Indoxacarb	< 5	<0.010	<0.010 mg/kg
S25-0092830	Iprodione	< 15	<0.010	<0.010 mg/kg
S25-0092830	Kresoxim methyl	< 0.02	<0.010	<0.010 mg/kg
S25-0092830	Linuron	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Malathion	< 3	<0.010	<0.010 mg/kg
S25-0092830	Metalaxyl	< 0.30	<0.010	<0.010 mg/kg
S25-0092830	Methamidophos	N/A	<0.010	<0.010 mg/kg
S25-0092830	Methidathion	< 0.02	<0.010	<0.010 mg/kg
S25-0092830	Metribuzin	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Mevinphos	N/A	<0.010	<0.010 mg/kg
S25-0092830	Monocrotophos	N/A	<0.010	<0.010 mg/kg
S25-0092830	Myclobutanil	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Omethoate	N/A	<0.010	<0.010 mg/kg
S25-0092830	Oxyfluorfen	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Paclobutrazol	< 0.01	<0.010	<0.010 mg/kg
S25-0092830	Parathion ethyl	N/A	<0.010	<0.010 mg/kg
S25-0092830	Parathion methyl	N/A	<0.010	<0.010 mg/kg
S25-0092830	Penconazole	< 0.02	<0.010	<0.010 mg/kg
S25-0092830	Pendimethalin	< 0.20	<0.010	<0.010 mg/kg

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S25-0092830	Penthiopyrad	< 70	<0.010	<0.010 mg/kg
S25-0092830	Permethrin	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Phenothrin	N/A	<0.010	<0.010 mg/kg
S25-0092830	Phorate	< 0.01	<0.010	<0.010 mg/kg
S25-0092830	Phosmet	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Piperonyl butoxide	< 8	<0.010	<0.010 mg/kg
S25-0092830	Pirimicarb	< 7	<0.010	<0.010 mg/kg
S25-0092830	Pirimiphos methyl	< 0.02	<0.010	<0.010 mg/kg
S25-0092830	Prochloraz	< 0.10	<0.010	<0.010 mg/kg
S25-0092830	Procymidone	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Profenofos	< 0.02	<0.010	<0.010 mg/kg
S25-0092830	Propargite	< 3	<0.010	<0.010 mg/kg
S25-0092830	Propiconazole	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Prothiofos	N/A	<0.010	<0.010 mg/kg
S25-0092830	Pyrethrins	< 1	<0.025	<0.025 mg/kg
S25-0092830	Pyrimethanil	< 5	<0.010	<0.010 mg/kg
S25-0092830	Pyriproxyfen	< 0.10	<0.010	<0.010 mg/kg
S25-0092830	Quintozone	N/A	<0.010	<0.010 mg/kg
S25-0092830	Sulfoxaflor	< 5.00	<0.010	<0.010 mg/kg
S25-0092830	Tebuconazole	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Tebuufenpyrad	< 0.02	<0.010	<0.010 mg/kg
S25-0092830	Terbufos	N/A	<0.010	<0.010 mg/kg
S25-0092830	Tetradifon	N/A	<0.010	<0.010 mg/kg
S25-0092830	Tolclofos methyl	< 0.02	<0.010	<0.010 mg/kg
S25-0092830	Triadimefon	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Triadimenol	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Trichlorfon	< 0.20	<0.010	<0.010 mg/kg
S25-0092830	Vinclozolin	N/A	<0.010	<0.010 mg/kg
S25-0092830	Methacrifos	N/A	<0.010	<0.010 mg/kg

AT5 Chemicals List (TP/311 & 312)

S25-0092830	Azoxystrobin	< 15	<0.010	0.020 mg/kg
S25-0092830	Boscalid	< 40	<0.010	<0.010 mg/kg
S25-0092830	Bromacil	N/A	<0.010	<0.010 mg/kg
S25-0092830	Carbendazim / Benomyl	N/A	<0.010	<0.010 mg/kg
S25-0092830	Chlorantraniliprole	< 15	<0.010	<0.010 mg/kg

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S25-0092830	Dithianon	< 0.02	<0.10	<0.10 mg/kg
S25-0092830	Diuron	< 0.05	<0.020	<0.020 mg/kg
S25-0092830	Fenhexamid	< 0.10	<0.010	<0.010 mg/kg
S25-0092830	Fenpyroximate	< 0.10	<0.010	<0.010 mg/kg
S25-0092830	Flubendiamide	< 10	<0.010	<0.010 mg/kg
S25-0092830	Fluopyram	< 0.02	<0.010	<0.010 mg/kg
S25-0092830	Imidacloprid	< 20	<0.010	<0.010 mg/kg
S25-0092830	Methomyl	< 0.70	<0.010	<0.010 mg/kg
S25-0092830	Methomyl Oxime	< 0.70	<0.010	<0.010 mg/kg
S25-0092830	Pymetrozine	< 5	<0.010	<0.010 mg/kg
S25-0092830	Pyraclostrobin	< 3	<0.010	<0.010 mg/kg
S25-0092830	Spinetoram	< 0.70	<0.010	<0.010 mg/kg
S25-0092830	Spinosad	< 5	<0.010	<0.010 mg/kg
S25-0092830	Spirotetramat	< 10	<0.010	<0.010 mg/kg
S25-0092830	Tebufozide	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Thiabendazole	< 0.03	<0.010	<0.010 mg/kg
S25-0092830	Thiacloprid	< 0.10	<0.010	<0.010 mg/kg
S25-0092830	Thiamethoxam	< 2	<0.010	<0.010 mg/kg
S25-0092830	Trifloxystrobin	< 0.05	<0.010	<0.010 mg/kg
S25-0092830	Mandipropamid	< 30.00	<0.010	<0.010 mg/kg

Dithiocarbamates (TP/282)

S25-0092830	Dithiocarbamates	< 5.00	<0.20	<0.20 mg/kg
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Metals - ICPMS Micro (TP/394)

S25-0092830	Cadmium	< 0.10	<0.010	<0.010 mg/kg
S25-0092830	Lead	< 0.10	<0.010	<0.010 mg/kg

Mercury (TP/394)

S25-0092830	Mercury	N/A	<0.010	<0.010 mg/kg
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E.coli - MPN (TP_DML/019)

S25-0092830	E.coli	N/A		<3.0 MPN/g
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Listeria spp - MDS (TP_DML/086)

S25-0092830	Listeria monocytogenes /25g	N/A		Not Detected
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Salmonella spp - MDS (TP_DML/087)

S25-0092830	Salmonella sp /25g	N/A		Not Detected
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Note: All samples are analysed on an 'as received' basis, all results are based on the sample received.
This report is not to be reproduced except in full.

Please refer to the following link for the measurement of uncertainty values for all NATA accredited analysis

<https://services.awta.com.au/AFTMeasurementUncertainty/index.php>

N/A denotes no MRL available.

MRL stated is as per Food Standards Code guidelines.

LOR = Level of reporting.

The sample(s) referred to in this report were analysed for the following determinant(s):

Analysis	Method	Laboratory
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The results in this report were authorised by:

Name	Title	Name	Title
Robert Rantino	National Laboratory Operations Manager		



Issued from Site : 2719

Accreditation No. 2726

Werribee Site No. 2719

Derrimut Site No. 22555

Bibra Lake Site No. 14414 & 23908

Queensland Site No. 22161