

ANALYSIS REPORT

Final Report

Job No: J2510-2606
Date Issued: 11-Nov-2025
Report Number: 443045

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

Purchase Order: 60109810
Date Sampled:
Date Received: 29-Oct-2025

The following sample was analysed:

Sample ID		
S25-0138591	Your Reference	Adult Kale/Bunching Kale
	Product	Kale
	Description	Boratto Farms Home Farm

Analysis of this sample conducted between 29-Oct-2025 and 31-Oct-2025

Analysis Results

	Determinant	MRL	LOR	Result
AT3 Chemicals Test List (TP/311 & 312)				
S25-0138591	2-phenylphenol	< 0.10	<0.010	<0.010 mg/kg
S25-0138591	Abamectin	< 0.50	<0.010	<0.010 mg/kg
S25-0138591	Acephate	N/A	<0.010	<0.010 mg/kg
S25-0138591	Aldrin	N/A	<0.010	<0.010 mg/kg
S25-0138591	Atrazine	N/A	<0.010	<0.010 mg/kg
S25-0138591	Azinphos methyl	N/A	<0.010	<0.010 mg/kg
S25-0138591	Benalaxyl	N/A	<0.010	<0.010 mg/kg
S25-0138591	BHC alpha	N/A	<0.010	<0.010 mg/kg
S25-0138591	BHC beta	N/A	<0.010	<0.010 mg/kg
S25-0138591	BHC delta	N/A	<0.010	<0.010 mg/kg
S25-0138591	BHC gamma (Lindane)	< 2	<0.010	<0.010 mg/kg
S25-0138591	BHC Total	N/A	<0.020	<0.020 mg/kg
S25-0138591	Bifenazate	< 0.20	<0.010	<0.010 mg/kg
S25-0138591	Bifenthrin	< 0.01	<0.010	<0.010 mg/kg
S25-0138591	Bioresmethrin	N/A	<0.010	<0.010 mg/kg
S25-0138591	Bitertanol	N/A	<0.010	<0.010 mg/kg
S25-0138591	Buprofezin	< 0.10	<0.010	<0.010 mg/kg
S25-0138591	Captan	< 0.10	<0.050	<0.050 mg/kg
S25-0138591	Carbaryl	< 0.02	<0.010	<0.010 mg/kg
S25-0138591	Chlordane	< 0.02	<0.010	<0.010 mg/kg
S25-0138591	Chlorfenapyr	< 3	<0.010	<0.010 mg/kg
S25-0138591	Chlorothalonil	< 100	<0.050	<0.050 mg/kg
S25-0138591	Chlorpyrifos	< 0.01	<0.010	<0.010 mg/kg
S25-0138591	Chlorpyrifos methyl	N/A	<0.010	<0.010 mg/kg
S25-0138591	Chlorthal dimethyl	< 5	<0.010	<0.010 mg/kg

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S25-0138591	Clofentezine	< 0.02	<0.010	<0.010 mg/kg
S25-0138591	Cyfluthrin	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Cyfluthrin beta	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Cyhalothrin	N/A	<0.010	<0.010 mg/kg
S25-0138591	Cyhalothrin lambda	N/A	<0.010	<0.010 mg/kg
S25-0138591	Cypermethrin	< 5	<0.010	<0.010 mg/kg
S25-0138591	Cypermethrin alpha	< 5.00	<0.010	<0.010 mg/kg
S25-0138591	Cyproconazole	< 0.01	<0.010	<0.010 mg/kg
S25-0138591	Cyprodinil	< 10	<0.010	<0.010 mg/kg
S25-0138591	DDD p,p	< 1	<0.010	<0.010 mg/kg
S25-0138591	DDE p,p	< 1	<0.010	<0.010 mg/kg
S25-0138591	DDT p,p	< 1	<0.010	<0.010 mg/kg
S25-0138591	DDT Total	< 1	<0.020	<0.020 mg/kg
S25-0138591	Deltamethrin	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Diazinon	< 0.70	<0.010	<0.010 mg/kg
S25-0138591	Dichlorvos	< 0.01	<0.010	<0.010 mg/kg
S25-0138591	Dicloran	N/A	<0.010	<0.010 mg/kg
S25-0138591	Dicofol	< 5	<0.010	<0.010 mg/kg
S25-0138591	Dieldrin	N/A	<0.010	<0.010 mg/kg
S25-0138591	Difenoconazole	< 5.00	<0.010	<0.010 mg/kg
S25-0138591	Dimethoate	N/A	<0.010	<0.010 mg/kg
S25-0138591	Dimethoate (Total)	N/A	<0.010	<0.010 mg/kg
S25-0138591	Dimethomorph	< 30.00	<0.010	<0.010 mg/kg
S25-0138591	Diphenylamine	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Disulfoton	N/A	<0.010	<0.010 mg/kg
S25-0138591	Endosulphan alpha	N/A	<0.010	<0.010 mg/kg
S25-0138591	Endosulphan beta	N/A	<0.010	<0.010 mg/kg
S25-0138591	Endosulphan sulphate	N/A	<0.010	<0.010 mg/kg
S25-0138591	Endosulphan Total	N/A	<0.020	<0.020 mg/kg
S25-0138591	Endrin Total	N/A	<0.020	<0.020 mg/kg
S25-0138591	Esfenvalerate	< 1	<0.010	<0.010 mg/kg
S25-0138591	Ethoprosfos	N/A	<0.010	<0.010 mg/kg
S25-0138591	Etoxazole	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Fenamiphos	N/A	<0.010	<0.010 mg/kg
S25-0138591	Fenarimol	N/A	<0.010	<0.010 mg/kg

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S25-0138591	Fenitrothion	N/A	<0.010	<0.010 mg/kg
S25-0138591	Fenoxycarb	< 0.10	<0.010	<0.010 mg/kg
S25-0138591	Fenthion	N/A	<0.010	<0.010 mg/kg
S25-0138591	Fenvalerate	< 1	<0.010	<0.010 mg/kg
S25-0138591	Fenvalerate (Total)	< 1	<0.010	<0.010 mg/kg
S25-0138591	Fipronil	N/A	<0.010	<0.010 mg/kg
S25-0138591	Fludioxonil	< 15	<0.010	<0.010 mg/kg
S25-0138591	Flusilazole	N/A	<0.010	<0.010 mg/kg
S25-0138591	Fluvalinate	< 0.02	<0.010	<0.010 mg/kg
S25-0138591	Fluvalinate tau	< 0.02	<0.010	<0.010 mg/kg
S25-0138591	HCB	N/A	<0.010	<0.010 mg/kg
S25-0138591	Heptachlor	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Heptachlor epoxide	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Hexaconazole	N/A	<0.010	<0.010 mg/kg
S25-0138591	Hexythiazox	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Imazalil	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Indoxacarb	< 5	<0.010	<0.010 mg/kg
S25-0138591	Iprodione	< 15	<0.010	<0.010 mg/kg
S25-0138591	Kresoxim methyl	< 0.02	<0.010	<0.010 mg/kg
S25-0138591	Linuron	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Malathion	< 3	<0.010	<0.010 mg/kg
S25-0138591	Metalaxyl	< 0.30	<0.010	<0.010 mg/kg
S25-0138591	Methamidophos	N/A	<0.010	<0.010 mg/kg
S25-0138591	Methidathion	< 0.02	<0.010	<0.010 mg/kg
S25-0138591	Metribuzin	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Mevinphos	N/A	<0.010	<0.010 mg/kg
S25-0138591	Monocrotophos	N/A	<0.010	<0.010 mg/kg
S25-0138591	Myclobutanil	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Omethoate	N/A	<0.010	<0.010 mg/kg
S25-0138591	Oxyfluorfen	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Paclobutrazol	< 0.01	<0.010	<0.010 mg/kg
S25-0138591	Parathion ethyl	N/A	<0.010	<0.010 mg/kg
S25-0138591	Parathion methyl	N/A	<0.010	<0.010 mg/kg
S25-0138591	Penconazole	< 0.02	<0.010	<0.010 mg/kg
S25-0138591	Pendimethalin	< 0.20	<0.010	<0.010 mg/kg

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S25-0138591	Penthiopyrad	< 70	<0.010	<0.010 mg/kg
S25-0138591	Permethrin	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Phenothrin	N/A	<0.010	<0.010 mg/kg
S25-0138591	Phorate	< 0.01	<0.010	<0.010 mg/kg
S25-0138591	Phosmet	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Piperonyl butoxide	< 8	<0.010	<0.010 mg/kg
S25-0138591	Pirimicarb	< 7	<0.010	<0.010 mg/kg
S25-0138591	Pirimiphos methyl	< 0.02	<0.010	<0.010 mg/kg
S25-0138591	Prochloraz	< 0.10	<0.010	<0.010 mg/kg
S25-0138591	Procymidone	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Profenofos	< 0.02	<0.010	<0.010 mg/kg
S25-0138591	Propargite	< 3	<0.010	<0.010 mg/kg
S25-0138591	Propiconazole	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Prothiofos	N/A	<0.010	<0.010 mg/kg
S25-0138591	Pyrethrins	< 1	<0.025	<0.025 mg/kg
S25-0138591	Pyrimethanil	< 5	<0.010	<0.010 mg/kg
S25-0138591	Pyriproxyfen	< 0.10	<0.010	<0.010 mg/kg
S25-0138591	Quintozone	N/A	<0.010	<0.010 mg/kg
S25-0138591	Sulfoxaflor	< 5.00	<0.010	<0.010 mg/kg
S25-0138591	Tebuconazole	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Tebuufenpyrad	< 0.02	<0.010	<0.010 mg/kg
S25-0138591	Terbufos	N/A	<0.010	<0.010 mg/kg
S25-0138591	Tetradifon	N/A	<0.010	<0.010 mg/kg
S25-0138591	Tolclofos methyl	< 0.02	<0.010	<0.010 mg/kg
S25-0138591	Triadimefon	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Triadimenol	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Trichlorfon	< 0.20	<0.010	<0.010 mg/kg
S25-0138591	Vinclozolin	N/A	<0.010	<0.010 mg/kg
S25-0138591	Methacrifos	N/A	<0.010	<0.010 mg/kg
S25-0138591	Dichlobenil	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Tetraconazole	< 0.02	<0.010	<0.010 mg/kg
S25-0138591	Fluazinam	< 0.01	<0.010	<0.010 mg/kg
S25-0138591	Flucythrinate	N/A	<0.020	<0.020 mg/kg

AT5 Chemicals List (TP/311 & 312)

S25-0138591	Azoxystrobin	< 15	<0.010	<0.010 mg/kg
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S25-0138591	Boscalid	< 40	<0.010	<0.010 mg/kg
S25-0138591	Bromacil	N/A	<0.010	<0.010 mg/kg
S25-0138591	Carbendazim / Benomyl	N/A	<0.010	<0.010 mg/kg
S25-0138591	Chlorantraniliprole	< 15	<0.010	<0.010 mg/kg
S25-0138591	Dithianon	< 0.02	<0.10	<0.10 mg/kg
S25-0138591	Diuron	< 0.05	<0.020	<0.020 mg/kg
S25-0138591	Fenhexamid	< 0.10	<0.010	<0.010 mg/kg
S25-0138591	Fenpyroximate	< 0.10	<0.010	<0.010 mg/kg
S25-0138591	Flubendiamide	< 10	<0.010	<0.010 mg/kg
S25-0138591	Fluopyram	< 0.02	<0.010	<0.010 mg/kg
S25-0138591	Imidacloprid	< 20	<0.010	<0.010 mg/kg
S25-0138591	Methomyl	< 0.70	<0.010	<0.010 mg/kg
S25-0138591	Methomyl Oxime	< 0.70	<0.010	<0.010 mg/kg
S25-0138591	Pymetrozine	< 5	<0.010	<0.010 mg/kg
S25-0138591	Pyraclostrobin	< 3	<0.010	<0.010 mg/kg
S25-0138591	Spinetoram	< 0.70	<0.010	<0.010 mg/kg
S25-0138591	Spinosad	< 5	<0.010	<0.010 mg/kg
S25-0138591	Spirotetramat	< 10	<0.010	<0.010 mg/kg
S25-0138591	Tebufozide	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Thiabendazole	< 0.03	<0.010	<0.010 mg/kg
S25-0138591	Thiacloprid	< 0.10	<0.010	<0.010 mg/kg
S25-0138591	Thiamethoxam	< 2	<0.010	<0.010 mg/kg
S25-0138591	Trifloxystrobin	< 0.05	<0.010	<0.010 mg/kg
S25-0138591	Mandipropamid	< 30.00	<0.010	<0.010 mg/kg

Dithiocarbamates (TP/282)

S25-0138591	Dithiocarbamates	< 5.00	<0.20	<0.20 mg/kg
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Metals - ICPMS Micro (TP/394)

S25-0138591	Cadmium	< 0.10	<0.010	<0.010 mg/kg
S25-0138591	Lead	< 0.10	<0.010	<0.010 mg/kg

Mercury (TP/394)

S25-0138591	Mercury	N/A	<0.010	<0.010 mg/kg
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E.coli - MPN (TP_DML/019)

S25-0138591	E.coli	N/A		<3.0 MPN/g
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Listeria spp - MDS (TP_DML/086)

S25-0138591	Listeria monocytogenes /25g	N/A		Not Detected
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Salmonella spp - MDS (TP_DML/087)

S25-0138591	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.
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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.

Replacement Report: Sample per Report

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

Analysis	Method	Laboratory
E.coli - MPN	TP_DML/019	Derrimut Microbiology Laboratory - VIC
Listeria spp - MDS	TP_DML/086	Derrimut Microbiology Laboratory - VIC
Salmonella spp - MDS	TP_DML/087	Derrimut Microbiology Laboratory - VIC
AT3 Chemicals Test List	TP/311 & 312	Food Safety Laboratory - Werribee, VIC
AT5 Chemicals List	TP/312	Food Safety Laboratory - Werribee, VIC
Dithiocarbamates	TP/282	Food Safety Laboratory - Werribee, VIC
Metals - ICPMS Micro	TP/394	Food Safety Laboratory - Werribee, VIC
Mercury	TP/394	Food Safety Laboratory - Werribee, VIC

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