

ANALYSIS REPORT

Final Report

Job No: J2507-1643
Date Issued: 28-Jul-2025
Report Number: 417347

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		
S25-0092829	Your Reference	BEET LEAVES
	Product	Leafy Vegetables
	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)				
S25-0092829	2-phenylphenol	< 0.10	<0.010	<0.010 mg/kg
S25-0092829	Abamectin	< 0.50	<0.010	<0.010 mg/kg
S25-0092829	Acephate	N/A	<0.010	<0.010 mg/kg
S25-0092829	Aldrin	N/A	<0.010	<0.010 mg/kg
S25-0092829	Atrazine	N/A	<0.010	<0.010 mg/kg
S25-0092829	Azinphos methyl	N/A	<0.010	<0.010 mg/kg
S25-0092829	Benalaxyl	N/A	<0.010	<0.010 mg/kg
S25-0092829	BHC alpha	N/A	<0.010	<0.010 mg/kg
S25-0092829	BHC beta	N/A	<0.010	<0.010 mg/kg
S25-0092829	BHC delta	N/A	<0.010	<0.010 mg/kg
S25-0092829	BHC gamma (Lindane)	< 2	<0.010	<0.010 mg/kg
S25-0092829	BHC Total	N/A	<0.020	<0.020 mg/kg
S25-0092829	Bifenazate	N/A	<0.010	<0.010 mg/kg
S25-0092829	Bifenthrin	< 0.01	<0.010	<0.010 mg/kg
S25-0092829	Bioresmethrin	N/A	<0.010	<0.010 mg/kg
S25-0092829	Bitertanol	N/A	<0.010	<0.010 mg/kg
S25-0092829	Buprofezin	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Captan	< 0.10	<0.050	<0.050 mg/kg
S25-0092829	Carbaryl	< 0.02	<0.010	<0.010 mg/kg
S25-0092829	Chlordane	< 0.02	<0.010	<0.010 mg/kg
S25-0092829	Chlorfenapyr	N/A	<0.010	<0.010 mg/kg
S25-0092829	Chlorothalonil	< 100	<0.050	7.2 mg/kg
S25-0092829	Chlorpyrifos	< 0.01	<0.010	<0.010 mg/kg
S25-0092829	Chlorpyrifos methyl	N/A	<0.010	<0.010 mg/kg
S25-0092829	Chlorthal dimethyl	< 5	<0.010	<0.010 mg/kg

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S25-0092829	Clofentezine	< 0.02	<0.010	<0.010 mg/kg
S25-0092829	Cyfluthrin	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Cyfluthrin beta	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Cyhalothrin	N/A	<0.010	<0.010 mg/kg
S25-0092829	Cyhalothrin lambda	N/A	<0.010	<0.010 mg/kg
S25-0092829	Cypermethrin	< 5	<0.010	<0.010 mg/kg
S25-0092829	Cypermethrin alpha	< 5	<0.010	<0.010 mg/kg
S25-0092829	Cyproconazole	< 0.01	<0.010	<0.010 mg/kg
S25-0092829	Cyprodinil	< 10.00	<0.010	<0.010 mg/kg
S25-0092829	DDD p,p	< 1	<0.010	<0.010 mg/kg
S25-0092829	DDE p,p	< 1	<0.010	<0.010 mg/kg
S25-0092829	DDT p,p	< 1	<0.010	<0.010 mg/kg
S25-0092829	DDT Total	< 1	<0.020	<0.020 mg/kg
S25-0092829	Deltamethrin	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Diazinon	< 0.70	<0.010	<0.010 mg/kg
S25-0092829	Dichlorvos	N/A	<0.010	<0.010 mg/kg
S25-0092829	Dicloran	N/A	<0.010	<0.010 mg/kg
S25-0092829	Dicofol	< 5	<0.010	<0.010 mg/kg
S25-0092829	Dieldrin	N/A	<0.010	<0.010 mg/kg
S25-0092829	Difenoconazole	< 0.02	<0.010	<0.010 mg/kg
S25-0092829	Dimethoate	N/A	<0.010	<0.010 mg/kg
S25-0092829	Dimethoate (Total)	N/A	<0.010	<0.010 mg/kg
S25-0092829	Dimethomorph	< 30	<0.010	<0.010 mg/kg
S25-0092829	Diphenylamine	N/A	<0.010	<0.010 mg/kg
S25-0092829	Disulfoton	N/A	<0.010	<0.010 mg/kg
S25-0092829	Endosulphan alpha	N/A	<0.010	<0.010 mg/kg
S25-0092829	Endosulphan beta	N/A	<0.010	<0.010 mg/kg
S25-0092829	Endosulphan sulphate	N/A	<0.010	<0.010 mg/kg
S25-0092829	Endosulphan Total	N/A	<0.020	<0.020 mg/kg
S25-0092829	Endrin Total	N/A	<0.020	<0.020 mg/kg
S25-0092829	Esfenvalerate	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Ethoprosfos	N/A	<0.010	<0.010 mg/kg
S25-0092829	Etoxazole	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Fenamiphos	N/A	<0.010	<0.010 mg/kg
S25-0092829	Fenarimol	N/A	<0.010	<0.010 mg/kg

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S25-0092829	Fenitrothion	N/A	<0.010	<0.010 mg/kg
S25-0092829	Fenoxycarb	< 0.10	<0.010	<0.010 mg/kg
S25-0092829	Fenthion	N/A	<0.010	<0.010 mg/kg
S25-0092829	Fenvalerate	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Fenvalerate (Total)	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Fipronil	N/A	<0.010	<0.010 mg/kg
S25-0092829	Fludioxonil	< 15.00	<0.010	<0.010 mg/kg
S25-0092829	Flusilazole	N/A	<0.010	<0.010 mg/kg
S25-0092829	Fluvalinate	< 0.02	<0.010	<0.010 mg/kg
S25-0092829	Fluvalinate tau	< 0.02	<0.010	<0.010 mg/kg
S25-0092829	HCB	N/A	<0.010	<0.010 mg/kg
S25-0092829	Heptachlor	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Heptachlor epoxide	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Hexaconazole	N/A	<0.010	<0.010 mg/kg
S25-0092829	Hexythiazox	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Imazalil	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Indoxacarb	< 5	<0.010	<0.010 mg/kg
S25-0092829	Iprodione	< 0.10	<0.010	<0.010 mg/kg
S25-0092829	Kresoxim methyl	N/A	<0.010	<0.010 mg/kg
S25-0092829	Linuron	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Malathion	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Metalaxyl	< 0.30	<0.010	<0.010 mg/kg
S25-0092829	Methamidophos	N/A	<0.010	<0.010 mg/kg
S25-0092829	Methidathion	< 0.02	<0.010	<0.010 mg/kg
S25-0092829	Metribuzin	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Mevinphos	N/A	<0.010	<0.010 mg/kg
S25-0092829	Monocrotophos	N/A	<0.010	<0.010 mg/kg
S25-0092829	Myclobutanil	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Omethoate	< 2	<0.010	<0.010 mg/kg
S25-0092829	Oxyfluorfen	N/A	<0.010	<0.010 mg/kg
S25-0092829	Paclobutrazol	< 0.01	<0.010	<0.010 mg/kg
S25-0092829	Parathion ethyl	N/A	<0.010	<0.010 mg/kg
S25-0092829	Parathion methyl	N/A	<0.010	<0.010 mg/kg
S25-0092829	Penconazole	< 0.02	<0.010	<0.010 mg/kg
S25-0092829	Pendimethalin	< 0.05	<0.010	<0.010 mg/kg

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S25-0092829	Penthiopyrad	< 50	<0.010	<0.010 mg/kg
S25-0092829	Permethrin	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Phenothrin	N/A	<0.010	<0.010 mg/kg
S25-0092829	Phorate	< 0.01	<0.010	<0.010 mg/kg
S25-0092829	Phosmet	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Piperonyl butoxide	< 8	<0.010	<0.010 mg/kg
S25-0092829	Pirimicarb	< 7	<0.010	<0.010 mg/kg
S25-0092829	Pirimiphos methyl	N/A	<0.010	<0.010 mg/kg
S25-0092829	Prochloraz	< 0.10	<0.010	<0.010 mg/kg
S25-0092829	Procymidone	N/A	<0.010	<0.010 mg/kg
S25-0092829	Profenofos	< 0.02	<0.010	<0.010 mg/kg
S25-0092829	Propargite	< 3	<0.010	<0.010 mg/kg
S25-0092829	Propiconazole	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Prothiofos	N/A	<0.010	<0.010 mg/kg
S25-0092829	Pyrethrins	< 1	<0.025	<0.025 mg/kg
S25-0092829	Pyrimethanil	< 5	<0.010	<0.010 mg/kg
S25-0092829	Pyriproxyfen	< 0.10	<0.010	<0.010 mg/kg
S25-0092829	Quintozone	N/A	<0.010	<0.010 mg/kg
S25-0092829	Sulfoxaflor	< 5	<0.010	<0.010 mg/kg
S25-0092829	Tebuconazole	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Tebufenpyrad	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Terbufos	N/A	<0.010	<0.010 mg/kg
S25-0092829	Tetradifon	N/A	<0.010	<0.010 mg/kg
S25-0092829	Tolclofos methyl	N/A	<0.010	<0.010 mg/kg
S25-0092829	Triadimefon	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Triadimenol	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Trichlorfon	< 0.10	<0.010	<0.010 mg/kg
S25-0092829	Vinclozolin	N/A	<0.010	<0.010 mg/kg
S25-0092829	Methacrifos	N/A	<0.010	<0.010 mg/kg

AT5 Chemicals List (TP/311 & 312)

S25-0092829	Azoxystrobin	< 15.00	<0.010	<0.010 mg/kg
S25-0092829	Boscalid	< 40	<0.010	<0.010 mg/kg
S25-0092829	Bromacil	N/A	<0.010	<0.010 mg/kg
S25-0092829	Carbendazim / Benomyl	N/A	<0.010	<0.010 mg/kg
S25-0092829	Chlorantraniliprole	< 15	<0.010	<0.010 mg/kg

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S25-0092829	Dithianon	N/A	<0.10	<0.10 mg/kg
S25-0092829	Diuron	N/A	<0.020	<0.020 mg/kg
S25-0092829	Fenhexamid	< 0.10	<0.010	<0.010 mg/kg
S25-0092829	Fenpyroximate	< 0.10	<0.010	<0.010 mg/kg
S25-0092829	Flubendiamide	< 10	<0.010	<0.010 mg/kg
S25-0092829	Fluopyram	< 0.20	<0.010	<0.010 mg/kg
S25-0092829	Imidacloprid	< 20	<0.010	<0.010 mg/kg
S25-0092829	Methomyl	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Methomyl Oxime	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Pymetrozine	< 5	<0.010	<0.010 mg/kg
S25-0092829	Pyraclostrobin	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Spinetoram	< 0.70	<0.010	<0.010 mg/kg
S25-0092829	Spinosad	< 5	<0.010	<0.010 mg/kg
S25-0092829	Spirotetramat	< 5	<0.010	<0.010 mg/kg
S25-0092829	Tebufozide	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Thiabendazole	< 0.03	<0.010	<0.010 mg/kg
S25-0092829	Thiacloprid	< 0.10	<0.010	<0.010 mg/kg
S25-0092829	Thiamethoxam	< 2	<0.010	<0.010 mg/kg
S25-0092829	Trifloxystrobin	< 0.05	<0.010	<0.010 mg/kg
S25-0092829	Mandipropamid	< 30.00	<0.010	<0.010 mg/kg

Dithiocarbamates (TP/282)

S25-0092829	Dithiocarbamates	< 5.00	<0.20	<0.20 mg/kg
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Metals - ICPMS Micro (TP/394)

S25-0092829	Cadmium	< 0.10	<0.010	0.013 mg/kg
S25-0092829	Lead	< 0.10	<0.010	<0.010 mg/kg

Mercury (TP/394)

S25-0092829	Mercury	N/A	<0.010	<0.010 mg/kg
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E.coli - MPN (TP_DML/019)

S25-0092829	E.coli	N/A		23.0 MPN/g
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Listeria spp - MDS (TP_DML/086)

S25-0092829	Listeria monocytogenes /25g	N/A		Not Detected
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Salmonella spp - MDS (TP_DML/087)

S25-0092829	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