

ANALYSIS REPORT

Final Report

Job No: J2507-1643
Date Issued: 28-Jul-2025
Report Number: 417351

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		
S25-0092833	Your Reference	SPINACH
	Product	Spinach
	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)				
S25-0092833	2-phenylphenol	< 0.10	<0.010	<0.010 mg/kg
S25-0092833	Abamectin	< 0.50	<0.010	<0.010 mg/kg
S25-0092833	Acephate	N/A	<0.010	<0.010 mg/kg
S25-0092833	Aldrin	N/A	<0.010	<0.010 mg/kg
S25-0092833	Atrazine	N/A	<0.010	<0.010 mg/kg
S25-0092833	Azinphos methyl	N/A	<0.010	<0.010 mg/kg
S25-0092833	Benalaxyl	N/A	<0.010	<0.010 mg/kg
S25-0092833	BHC alpha	N/A	<0.010	<0.010 mg/kg
S25-0092833	BHC beta	N/A	<0.010	<0.010 mg/kg
S25-0092833	BHC delta	N/A	<0.010	<0.010 mg/kg
S25-0092833	BHC gamma (Lindane)	< 2	<0.010	<0.010 mg/kg
S25-0092833	BHC Total	N/A	<0.020	<0.020 mg/kg
S25-0092833	Bifenazate	< 0.20	<0.010	<0.010 mg/kg
S25-0092833	Bifenthrin	< 0.01	<0.010	<0.010 mg/kg
S25-0092833	Bioresmethrin	N/A	<0.010	<0.010 mg/kg
S25-0092833	Bitertanol	N/A	<0.010	<0.010 mg/kg
S25-0092833	Buprofezin	< 0.10	<0.010	<0.010 mg/kg
S25-0092833	Captan	< 0.10	<0.050	<0.050 mg/kg
S25-0092833	Carbaryl	< 0.02	<0.010	<0.010 mg/kg
S25-0092833	Chlordane	< 0.02	<0.010	<0.010 mg/kg
S25-0092833	Chlorfenapyr	< 0.02	<0.010	<0.010 mg/kg
S25-0092833	Chlorothalonil	< 100	<0.050	<0.050 mg/kg
S25-0092833	Chlorpyrifos	< 0.01	<0.010	<0.010 mg/kg
S25-0092833	Chlorpyrifos methyl	N/A	<0.010	<0.010 mg/kg
S25-0092833	Chlorthal dimethyl	< 5	<0.010	<0.010 mg/kg

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S25-0092833	Clofentezine	< 0.02	<0.010	<0.010 mg/kg
S25-0092833	Cyfluthrin	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Cyfluthrin beta	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Cyhalothrin	N/A	<0.010	<0.010 mg/kg
S25-0092833	Cyhalothrin lambda	N/A	<0.010	<0.010 mg/kg
S25-0092833	Cypermethrin	< 5	<0.010	<0.010 mg/kg
S25-0092833	Cypermethrin alpha	< 5	<0.010	<0.010 mg/kg
S25-0092833	Cyproconazole	< 0.01	<0.010	<0.010 mg/kg
S25-0092833	Cyprodinil	< 10	<0.010	<0.010 mg/kg
S25-0092833	DDD p,p	< 1	<0.010	<0.010 mg/kg
S25-0092833	DDE p,p	< 1	<0.010	<0.010 mg/kg
S25-0092833	DDT p,p	< 1	<0.010	<0.010 mg/kg
S25-0092833	DDT Total	< 1	<0.020	<0.020 mg/kg
S25-0092833	Deltamethrin	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Diazinon	< 0.70	<0.010	<0.010 mg/kg
S25-0092833	Dichlorvos	< 0.01	<0.010	<0.010 mg/kg
S25-0092833	Dicloran	N/A	<0.010	<0.010 mg/kg
S25-0092833	Dicofol	< 5	<0.010	<0.010 mg/kg
S25-0092833	Dieldrin	N/A	<0.010	<0.010 mg/kg
S25-0092833	Difenoconazole	< 5.00	<0.010	<0.010 mg/kg
S25-0092833	Dimethoate	N/A	<0.010	<0.010 mg/kg
S25-0092833	Dimethoate (Total)	N/A	<0.010	<0.010 mg/kg
S25-0092833	Dimethomorph	< 30	<0.010	<0.010 mg/kg
S25-0092833	Diphenylamine	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Disulfoton	N/A	<0.010	<0.010 mg/kg
S25-0092833	Endosulphan alpha	N/A	<0.010	<0.010 mg/kg
S25-0092833	Endosulphan beta	N/A	<0.010	<0.010 mg/kg
S25-0092833	Endosulphan sulphate	N/A	<0.010	<0.010 mg/kg
S25-0092833	Endosulphan Total	N/A	<0.020	<0.020 mg/kg
S25-0092833	Endrin Total	N/A	<0.020	<0.020 mg/kg
S25-0092833	Esfenvalerate	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Ethoprosfos	N/A	<0.010	<0.010 mg/kg
S25-0092833	Etoxazole	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Fenamiphos	N/A	<0.010	<0.010 mg/kg
S25-0092833	Fenarimol	N/A	<0.010	<0.010 mg/kg

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S25-0092833	Fenitrothion	N/A	<0.010	<0.010 mg/kg
S25-0092833	Fenoxycarb	< 0.10	<0.010	<0.010 mg/kg
S25-0092833	Fenthion	N/A	<0.010	<0.010 mg/kg
S25-0092833	Fenvalerate	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Fenvalerate (Total)	N/A	<0.010	<0.010 mg/kg
S25-0092833	Fipronil	N/A	<0.010	<0.010 mg/kg
S25-0092833	Fludioxonil	< 15	<0.010	<0.010 mg/kg
S25-0092833	Flusilazole	N/A	<0.010	<0.010 mg/kg
S25-0092833	Fluvalinate	< 0.02	<0.010	<0.010 mg/kg
S25-0092833	Fluvalinate tau	< 0.02	<0.010	<0.010 mg/kg
S25-0092833	HCB	N/A	<0.010	<0.010 mg/kg
S25-0092833	Heptachlor	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Heptachlor epoxide	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Hexaconazole	N/A	<0.010	<0.010 mg/kg
S25-0092833	Hexythiazox	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Imazalil	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Indoxacarb	< 5	<0.010	<0.010 mg/kg
S25-0092833	Iprodione	< 5	<0.010	<0.010 mg/kg
S25-0092833	Kresoxim methyl	< 0.02	<0.010	<0.010 mg/kg
S25-0092833	Linuron	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Malathion	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Metalaxyl	< 0.30	<0.010	<0.010 mg/kg
S25-0092833	Methamidophos	N/A	<0.010	<0.010 mg/kg
S25-0092833	Methidathion	< 0.02	<0.010	<0.010 mg/kg
S25-0092833	Metribuzin	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Mevinphos	N/A	<0.010	<0.010 mg/kg
S25-0092833	Monocrotophos	N/A	<0.010	<0.010 mg/kg
S25-0092833	Myclobutanil	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Omethoate	N/A	<0.010	<0.010 mg/kg
S25-0092833	Oxyfluorfen	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Paclobutrazol	< 0.01	<0.010	<0.010 mg/kg
S25-0092833	Parathion ethyl	N/A	<0.010	<0.010 mg/kg
S25-0092833	Parathion methyl	N/A	<0.010	<0.010 mg/kg
S25-0092833	Penconazole	< 0.02	<0.010	<0.010 mg/kg
S25-0092833	Pendimethalin	< 0.05	<0.010	<0.010 mg/kg

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S25-0092833	Penthiopyrad	< 50	<0.010	<0.010 mg/kg
S25-0092833	Permethrin	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Phenothrin	N/A	<0.010	<0.010 mg/kg
S25-0092833	Phorate	< 0.01	<0.010	<0.010 mg/kg
S25-0092833	Phosmet	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Piperonyl butoxide	< 8	<0.010	<0.010 mg/kg
S25-0092833	Pirimicarb	< 7	<0.010	<0.010 mg/kg
S25-0092833	Pirimiphos methyl	< 0.02	<0.010	<0.010 mg/kg
S25-0092833	Prochloraz	< 0.10	<0.010	<0.010 mg/kg
S25-0092833	Procymidone	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Profenofos	< 0.02	<0.010	<0.010 mg/kg
S25-0092833	Propargite	< 3	<0.010	<0.010 mg/kg
S25-0092833	Propiconazole	< 0.70	<0.010	<0.010 mg/kg
S25-0092833	Prothiofos	N/A	<0.010	<0.010 mg/kg
S25-0092833	Pyrethrins	< 1	<0.025	<0.025 mg/kg
S25-0092833	Pyrimethanil	< 5	<0.010	<0.010 mg/kg
S25-0092833	Pyriproxyfen	< 0.10	<0.010	<0.010 mg/kg
S25-0092833	Quintozone	N/A	<0.010	<0.010 mg/kg
S25-0092833	Sulfoxaflor	< 5	<0.010	<0.010 mg/kg
S25-0092833	Tebuconazole	< 2	<0.010	<0.010 mg/kg
S25-0092833	Tebufenpyrad	< 0.02	<0.010	<0.010 mg/kg
S25-0092833	Terbufos	N/A	<0.010	<0.010 mg/kg
S25-0092833	Tetradifon	N/A	<0.010	<0.010 mg/kg
S25-0092833	Tolclofos methyl	< 0.02	<0.010	<0.010 mg/kg
S25-0092833	Triadimefon	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Triadimenol	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Trichlorfon	< 0.10	<0.010	<0.010 mg/kg
S25-0092833	Vinclozolin	N/A	<0.010	<0.010 mg/kg
S25-0092833	Methacrifos	N/A	<0.010	<0.010 mg/kg

AT5 Chemicals List (TP/311 & 312)

S25-0092833	Azoxystrobin	< 15.00	<0.010	<0.010 mg/kg
S25-0092833	Boscalid	< 40	<0.010	<0.010 mg/kg
S25-0092833	Bromacil	N/A	<0.010	<0.010 mg/kg
S25-0092833	Carbendazim / Benomyl	N/A	<0.010	<0.010 mg/kg
S25-0092833	Chlorantranilprole	< 15	<0.010	0.055 mg/kg

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S25-0092833	Dithianon	< 0.02	<0.10	<0.10 mg/kg
S25-0092833	Diuron	< 0.05	<0.020	<0.020 mg/kg
S25-0092833	Fenhexamid	< 0.10	<0.010	<0.010 mg/kg
S25-0092833	Fenpyroximate	< 0.10	<0.010	<0.010 mg/kg
S25-0092833	Flubendiamide	< 10	<0.010	<0.010 mg/kg
S25-0092833	Fluopyram	< 0.20	<0.010	<0.010 mg/kg
S25-0092833	Imidacloprid	< 20	<0.010	<0.010 mg/kg
S25-0092833	Methomyl	< 0.70	<0.010	<0.010 mg/kg
S25-0092833	Methomyl Oxime	< 0.70	<0.010	<0.010 mg/kg
S25-0092833	Pymetrozine	< 5.00	<0.010	<0.010 mg/kg
S25-0092833	Pyraclostrobin	< 0.60	<0.010	<0.010 mg/kg
S25-0092833	Spinetoram	< 0.70	<0.010	<0.010 mg/kg
S25-0092833	Spinosad	< 5	<0.010	<0.010 mg/kg
S25-0092833	Spirotetramat	< 5	<0.010	<0.010 mg/kg
S25-0092833	Tebufozide	< 0.05	<0.010	<0.010 mg/kg
S25-0092833	Thiabendazole	< 0.03	<0.010	<0.010 mg/kg
S25-0092833	Thiacloprid	< 0.10	<0.010	<0.010 mg/kg
S25-0092833	Thiamethoxam	< 2	<0.010	<0.010 mg/kg
S25-0092833	Trifloxystrobin	< 10.00	<0.010	<0.010 mg/kg
S25-0092833	Mandipropamid	< 30.00	<0.010	4.2 mg/kg

Dithiocarbamates (TP/282)

S25-0092833	Dithiocarbamates	< 5.00	<0.20	<0.20 mg/kg
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Metals - ICPMS Micro (TP/394)

S25-0092833	Cadmium	< 0.10	<0.010	<0.010 mg/kg
S25-0092833	Lead	< 0.10	<0.010	<0.010 mg/kg

Mercury (TP/394)

S25-0092833	Mercury	N/A	<0.010	<0.010 mg/kg
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E.coli - MPN (TP_DML/019)

S25-0092833	E.coli	N/A		<3.0 MPN/g
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Listeria spp - MDS (TP_DML/086)

S25-0092833	Listeria monocytogenes /25g	N/A		Not Detected
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Salmonella spp - MDS (TP_DML/087)

S25-0092833	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