

# ANALYSIS REPORT

## Replacement Report

**Job No:** J2411-2182

**Date Issued:** 04-Dec-2024

**Report Number:** 355350

*This report replaces Report Number:* 353321

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

**Purchase Order:** 04-161150  
**Date Sampled:**  
**Date Received:** 19-Nov-2024

**The following sample was analysed:**

Sample ID	Your Reference	Product	Description
S24-0139478	Loose Leaf Lettuce	Lettuce Leaf	BORATTO FARMS BULL FARM

**Analysis of this sample conducted between 19-Nov-2024 and 25-Nov-2024**

**Analysis Results**

Determinant	MRL	LOR	Result
<b>E.coli - MPN (TP_DML/019)</b>			
S24-0139478 E.coli	N/A		<3.0 MPN/g
<b>Listeria spp - MDS (TP_DML/086)</b>			
S24-0139478 Listeria monocytogenes /25g	N/A		Not Detected
<b>Salmonella spp - MDS (TP_DML/087)</b>			
S24-0139478 Salmonella sp /25g	N/A		Not Detected
<b>AT3 Chemicals Test List (TP/311 &amp; 312)</b>			
S24-0139478 2-phenylphenol	< 0.10	<0.010	<0.010 mg/kg
S24-0139478 Abamectin	< 1	<0.010	<0.010 mg/kg
S24-0139478 Acephate	N/A	<0.010	<0.010 mg/kg
S24-0139478 Aldrin	< 0.10	<0.010	<0.010 mg/kg
S24-0139478 Atrazine	N/A	<0.010	<0.010 mg/kg
S24-0139478 Azinphos methyl	N/A	<0.010	<0.010 mg/kg
S24-0139478 Benalaxyl	< 0.01	<0.010	<0.010 mg/kg
S24-0139478 BHC alpha	N/A	<0.010	<0.010 mg/kg
S24-0139478 BHC beta	N/A	<0.010	<0.010 mg/kg
S24-0139478 BHC delta	N/A	<0.010	<0.010 mg/kg
S24-0139478 BHC gamma (Lindane)	N/A	<0.010	<0.010 mg/kg
S24-0139478 BHC Total	N/A	<0.020	<0.020 mg/kg
S24-0139478 Bifenazate	< 20	<0.010	<0.010 mg/kg
S24-0139478 Bifenthrin	< 0.01	<0.010	<0.010 mg/kg
S24-0139478 Bioresmethrin	N/A	<0.010	<0.010 mg/kg
S24-0139478 Bitertanol	N/A	<0.010	<0.010 mg/kg
S24-0139478 Buprofezin	< 10	<0.010	<0.010 mg/kg
S24-0139478 Captan	N/A	<0.050	<0.050 mg/kg

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S24-0139478	Carbaryl	< 10	<0.010	<0.010 mg/kg
S24-0139478	Chlordane	< 0.02	<0.010	<0.010 mg/kg
S24-0139478	Chlorfenapyr	N/A	<0.010	<0.010 mg/kg
S24-0139478	Chlorothalonil	< 10	<0.050	<0.050 mg/kg
S24-0139478	Chlorpyrifos	< 0.01	<0.010	<0.010 mg/kg
S24-0139478	Chlorpyrifos methyl	N/A	<0.010	<0.010 mg/kg
S24-0139478	Chlorthal dimethyl	< 2	<0.010	<0.010 mg/kg
S24-0139478	Clofentezine	N/A	<0.010	<0.010 mg/kg
S24-0139478	Cyfluthrin	N/A	<0.010	<0.010 mg/kg
S24-0139478	Cyfluthrin beta	N/A	<0.010	<0.010 mg/kg
S24-0139478	Cyhalothrin	N/A	<0.010	<0.010 mg/kg
S24-0139478	Cyhalothrin lambda	N/A	<0.010	<0.010 mg/kg
S24-0139478	Cypermethrin	< 5	<0.010	<0.010 mg/kg
S24-0139478	Cypermethrin alpha	< 5	<0.010	<0.010 mg/kg
S24-0139478	Cyproconazole	N/A	<0.010	<0.010 mg/kg
S24-0139478	Cyprodinil	< 10	<0.010	<0.010 mg/kg
S24-0139478	DDD p,p	< 1	<0.010	<0.010 mg/kg
S24-0139478	DDE p,p	< 1	<0.010	<0.010 mg/kg
S24-0139478	DDT p,p	< 1	<0.010	<0.010 mg/kg
S24-0139478	DDT Total	< 1	<0.020	<0.020 mg/kg
S24-0139478	Deltamethrin	< 0.05	<0.010	<0.010 mg/kg
S24-0139478	Diazinon	< 0.70	<0.010	<0.010 mg/kg
S24-0139478	Dichlorvos	< 1	<0.010	<0.010 mg/kg
S24-0139478	Dicloran	< 20	<0.010	<0.010 mg/kg
S24-0139478	Dicofol	< 5	<0.010	<0.010 mg/kg
S24-0139478	Dieldrin	< 0.10	<0.010	<0.010 mg/kg
S24-0139478	Difenoconazole	< 0.02	<0.010	<0.010 mg/kg
S24-0139478	Dimethoate	N/A	<0.010	<0.010 mg/kg
S24-0139478	Dimethoate (Total)	N/A	<0.010	<0.010 mg/kg
S24-0139478	Dimethomorph	< 30	<0.010	<0.010 mg/kg
S24-0139478	Diphenylamine	N/A	<0.010	<0.010 mg/kg
S24-0139478	Disulfoton	N/A	<0.010	<0.010 mg/kg
S24-0139478	Endosulphan alpha	N/A	<0.010	<0.010 mg/kg
S24-0139478	Endosulphan beta	N/A	<0.010	<0.010 mg/kg

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S24-0139478	Endosulphan sulphate	N/A	<0.010	<0.010 mg/kg
S24-0139478	Endosulphan Total	N/A	<0.020	<0.020 mg/kg
S24-0139478	Endrin Total	N/A	<0.020	<0.020 mg/kg
S24-0139478	Esfenvalerate	N/A	<0.010	<0.010 mg/kg
S24-0139478	Ethoprosfos	N/A	<0.010	<0.010 mg/kg
S24-0139478	Etoxazole	N/A	<0.010	<0.010 mg/kg
S24-0139478	Fenamiphos	< 0.20	<0.010	<0.010 mg/kg
S24-0139478	Fenarimol	N/A	<0.010	<0.010 mg/kg
S24-0139478	Fenitrothion	< 0.50	<0.010	<0.010 mg/kg
S24-0139478	Fenoxycarb	N/A	<0.010	<0.010 mg/kg
S24-0139478	Fenthion	N/A	<0.010	<0.010 mg/kg
S24-0139478	Fenvalerate	N/A	<0.010	<0.010 mg/kg
S24-0139478	Fenvalerate (Total)	N/A	<0.010	<0.010 mg/kg
S24-0139478	Fipronil	N/A	<0.010	<0.010 mg/kg
S24-0139478	Fludioxonil	< 15	<0.010	<0.010 mg/kg
S24-0139478	Flusilazole	N/A	<0.010	<0.010 mg/kg
S24-0139478	Fluvalinate	N/A	<0.010	<0.010 mg/kg
S24-0139478	Fluvalinate tau	N/A	<0.010	<0.010 mg/kg
S24-0139478	HCB	N/A	<0.010	<0.010 mg/kg
S24-0139478	Heptachlor	< 0.05	<0.010	<0.010 mg/kg
S24-0139478	Heptachlor epoxide	< 0.05	<0.010	<0.010 mg/kg
S24-0139478	Hexaconazole	N/A	<0.010	<0.010 mg/kg
S24-0139478	Hexythiazox	N/A	<0.010	<0.010 mg/kg
S24-0139478	Imazalil	N/A	<0.010	<0.010 mg/kg
S24-0139478	Indoxacarb	< 5	<0.010	<0.010 mg/kg
S24-0139478	Iprodione	< 5	<0.010	<0.010 mg/kg
S24-0139478	Kresoxim methyl	N/A	<0.010	<0.010 mg/kg
S24-0139478	Linuron	< 0.05	<0.010	<0.010 mg/kg
S24-0139478	Malathion	< 2	<0.010	<0.010 mg/kg
S24-0139478	Metalaxyl	< 0.30	<0.010	<0.010 mg/kg
S24-0139478	Methamidophos	N/A	<0.010	<0.010 mg/kg
S24-0139478	Methidathion	< 1	<0.010	<0.010 mg/kg
S24-0139478	Metribuzin	N/A	<0.010	<0.010 mg/kg
S24-0139478	Mevinphos	N/A	<0.010	<0.010 mg/kg

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S24-0139478	Monocrotophos	N/A	<0.010	<0.010 mg/kg
S24-0139478	Myclobutanil	N/A	<0.010	<0.010 mg/kg
S24-0139478	Omethoate	< 2	<0.010	<0.010 mg/kg
S24-0139478	Oxyfluorfen	< 0.05	<0.010	<0.010 mg/kg
S24-0139478	Paclobutrazol	N/A	<0.010	<0.010 mg/kg
S24-0139478	Parathion ethyl	< 1	<0.010	<0.010 mg/kg
S24-0139478	Parathion methyl	N/A	<0.010	<0.010 mg/kg
S24-0139478	Penconazole	N/A	<0.010	<0.010 mg/kg
S24-0139478	Pendimethalin	< 4.00	<0.010	<0.010 mg/kg
S24-0139478	Penthiopyrad	< 50	<0.010	<0.010 mg/kg
S24-0139478	Permethrin	< 5	<0.010	<0.010 mg/kg
S24-0139478	Phenothrin	N/A	<0.010	<0.010 mg/kg
S24-0139478	Phorate	< 0.50	<0.010	<0.010 mg/kg
S24-0139478	Phosmet	N/A	<0.010	<0.010 mg/kg
S24-0139478	Piperonyl butoxide	< 8	<0.010	<0.010 mg/kg
S24-0139478	Pirimicarb	< 7	<0.010	<0.010 mg/kg
S24-0139478	Pirimiphos methyl	N/A	<0.010	<0.010 mg/kg
S24-0139478	Prochloraz	< 3.00	<0.010	<0.010 mg/kg
S24-0139478	Procymidone	N/A	<0.010	<0.010 mg/kg
S24-0139478	Profenofos	N/A	<0.010	<0.010 mg/kg
S24-0139478	Propargite	< 3	<0.010	<0.010 mg/kg
S24-0139478	Propiconazole	N/A	<0.010	<0.010 mg/kg
S24-0139478	Prothiofos	N/A	<0.010	<0.010 mg/kg
S24-0139478	Pyrethrins	< 1	<0.025	<0.025 mg/kg
S24-0139478	Pyrimethanil	< 20	<0.010	<0.010 mg/kg
S24-0139478	Pyriproxyfen	N/A	<0.010	<0.010 mg/kg
S24-0139478	Quintozene	< 0.30	<0.010	<0.010 mg/kg
S24-0139478	Sulfoxaflor	< 5	<0.010	<0.010 mg/kg
S24-0139478	Tebuconazole	< 0.10	<0.010	<0.010 mg/kg
S24-0139478	Tebufenpyrad	N/A	<0.010	<0.010 mg/kg
S24-0139478	Terbufos	N/A	<0.010	<0.010 mg/kg
S24-0139478	Tetradifon	< 5	<0.010	<0.010 mg/kg
S24-0139478	Tolclofos methyl	N/A	<0.010	<0.010 mg/kg
S24-0139478	Triadimefon	N/A	<0.010	<0.010 mg/kg

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S24-0139478	Triadimenol	N/A	<0.010	<0.010 mg/kg
S24-0139478	Trichlorfon	< 0.10	<0.010	<0.010 mg/kg
S24-0139478	Vinclozolin	N/A	<0.010	<0.010 mg/kg
S24-0139478	Methacrifos	N/A	<0.010	<0.010 mg/kg

### AT5 Chemicals Fresh Test List (TP/311 & 312)

S24-0139478	Azoxystrobin	< 15.00	<0.010	0.15 mg/kg
S24-0139478	Boscalid	< 40.00	<0.010	<0.010 mg/kg
S24-0139478	Bromacil	N/A	<0.010	<0.010 mg/kg
S24-0139478	Carbendazim / Benomyl	N/A	<0.010	<0.010 mg/kg
S24-0139478	Chlorantranilprole	< 15.00	<0.010	<0.010 mg/kg
S24-0139478	Dithianon	N/A	<0.10	<0.10 mg/kg
S24-0139478	Diuron	N/A	<0.020	<0.020 mg/kg
S24-0139478	Fenhexamid	< 30.00	<0.010	<0.010 mg/kg
S24-0139478	Fenpyroximate	N/A	<0.010	<0.010 mg/kg
S24-0139478	Flubendiamide	< 10.00	<0.010	<0.010 mg/kg
S24-0139478	Fluopyram	< 15.00	<0.010	<0.010 mg/kg
S24-0139478	Imidacloprid	< 20.00	<0.010	<0.010 mg/kg
S24-0139478	Methomyl	< 2.00	<0.010	<0.010 mg/kg
S24-0139478	Methomyl Oxime	< 2.00	<0.010	<0.010 mg/kg
S24-0139478	Pymetrozine	< 5.00	<0.010	<0.010 mg/kg
S24-0139478	Pyraclostrobin	N/A	<0.010	<0.010 mg/kg
S24-0139478	Spinetoram	< 0.70	<0.010	<0.010 mg/kg
S24-0139478	Spinosad	< 5.00	<0.010	<0.010 mg/kg
S24-0139478	Spirotetramat	< 15.00	<0.010	<0.010 mg/kg
S24-0139478	Tebufozide	N/A	<0.010	<0.010 mg/kg
S24-0139478	Thiabendazole	N/A	<0.010	<0.010 mg/kg
S24-0139478	Thiacloprid	N/A	<0.010	<0.010 mg/kg
S24-0139478	Thiamethoxam	< 2.00	<0.010	<0.010 mg/kg
S24-0139478	Trifloxystrobin	< 15.00	<0.010	<0.010 mg/kg
S24-0139478	Mandipropamid	< 30.00	<0.010	<0.010 mg/kg

### Metals - ICPMS Micro (TP/394)

S24-0139478	Cadmium	< 0.10	<0.010	0.011 mg/kg
S24-0139478	Lead	< 0.10	<0.010	0.033 mg/kg

### Mercury (TP/394)

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S24-0139478      Mercury      N/A      <0.010      <0.010 mg/kg

**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.

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 Fresh Test List	TP/312	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