

# ANALYSIS REPORT

## Replacement Report

**Job No:** J2411-2182

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

**Report Number:** 355347

*This report replaces Report Number:* 353316

**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
S24-0139475	Iceberg Lettuce	Lettuce Head	BORATTO FARMS BULL FARM

**Analysis of this sample conducted between 19-Nov-2024 and 22-Nov-2024**

**Analysis Results**

Determinant	MRL	LOR	Result
<b>E.coli - MPN (TP_DML/019)</b>			
S24-0139475 E.coli	N/A		<3.0 MPN/g
<b>Listeria spp - MDS (TP_DML/086)</b>			
S24-0139475 Listeria monocytogenes /25g	N/A		Not Detected
<b>Salmonella spp - MDS (TP_DML/087)</b>			
S24-0139475 Salmonella sp /25g	N/A		Not Detected
<b>AT3 Chemicals Test List (TP/311 &amp; 312)</b>			
S24-0139475 2-phenylphenol	< 0.10	<0.010	<0.010 mg/kg
S24-0139475 Abamectin	< 0.05	<0.010	<0.010 mg/kg
S24-0139475 Acephate	N/A	<0.010	<0.010 mg/kg
S24-0139475 Aldrin	< 0.10	<0.010	<0.010 mg/kg
S24-0139475 Atrazine	N/A	<0.010	<0.010 mg/kg
S24-0139475 Azinphos methyl	N/A	<0.010	<0.010 mg/kg
S24-0139475 Benalaxyl	< 0.01	<0.010	<0.010 mg/kg
S24-0139475 BHC alpha	N/A	<0.010	<0.010 mg/kg
S24-0139475 BHC beta	N/A	<0.010	<0.010 mg/kg
S24-0139475 BHC delta	N/A	<0.010	<0.010 mg/kg
S24-0139475 BHC gamma (Lindane)	< 2	<0.010	<0.010 mg/kg
S24-0139475 BHC Total	N/A	<0.020	<0.020 mg/kg
S24-0139475 Bifenazate	< 20	<0.010	<0.010 mg/kg
S24-0139475 Bifenthrin	< 0.01	<0.010	<0.010 mg/kg
S24-0139475 Bioresmethrin	N/A	<0.010	<0.010 mg/kg
S24-0139475 Bitertanol	N/A	<0.010	<0.010 mg/kg
S24-0139475 Buprofezin	< 10	<0.010	<0.010 mg/kg
S24-0139475 Captan	N/A	<0.050	<0.050 mg/kg

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S24-0139475	Carbaryl	< 10	<0.010	<0.010 mg/kg
S24-0139475	Chlordane	< 0.02	<0.010	<0.010 mg/kg
S24-0139475	Chlorfenapyr	N/A	<0.010	<0.010 mg/kg
S24-0139475	Chlorothalonil	< 10	<0.050	<0.050 mg/kg
S24-0139475	Chlorpyrifos	< 0.01	<0.010	<0.010 mg/kg
S24-0139475	Chlorpyrifos methyl	N/A	<0.010	<0.010 mg/kg
S24-0139475	Chlorthal dimethyl	< 2	<0.010	<0.010 mg/kg
S24-0139475	Clofentezine	N/A	<0.010	<0.010 mg/kg
S24-0139475	Cyfluthrin	N/A	<0.010	<0.010 mg/kg
S24-0139475	Cyfluthrin beta	N/A	<0.010	<0.010 mg/kg
S24-0139475	Cyhalothrin	N/A	<0.010	<0.010 mg/kg
S24-0139475	Cyhalothrin lambda	N/A	<0.010	<0.010 mg/kg
S24-0139475	Cypermethrin	< 2	<0.010	<0.010 mg/kg
S24-0139475	Cypermethrin alpha	< 2	<0.010	<0.010 mg/kg
S24-0139475	Cyproconazole	N/A	<0.010	<0.010 mg/kg
S24-0139475	Cyprodinil	< 10	<0.010	<0.010 mg/kg
S24-0139475	DDD p,p	< 1	<0.010	<0.010 mg/kg
S24-0139475	DDE p,p	< 1	<0.010	<0.010 mg/kg
S24-0139475	DDT p,p	< 1	<0.010	<0.010 mg/kg
S24-0139475	DDT Total	< 1	<0.020	<0.020 mg/kg
S24-0139475	Deltamethrin	< 0.05	<0.010	<0.010 mg/kg
S24-0139475	Diazinon	< 0.70	<0.010	<0.010 mg/kg
S24-0139475	Dichlorvos	< 1	<0.010	<0.010 mg/kg
S24-0139475	Dicloran	< 20	<0.010	<0.010 mg/kg
S24-0139475	Dicofol	< 5	<0.010	<0.010 mg/kg
S24-0139475	Dieldrin	< 0.10	<0.010	<0.010 mg/kg
S24-0139475	Difenoconazole	N/A	<0.010	<0.010 mg/kg
S24-0139475	Dimethoate	N/A	<0.010	<0.010 mg/kg
S24-0139475	Dimethoate (Total)	N/A	<0.010	<0.010 mg/kg
S24-0139475	Dimethomorph	< 0.30	<0.010	<0.010 mg/kg
S24-0139475	Diphenylamine	N/A	<0.010	<0.010 mg/kg
S24-0139475	Disulfoton	N/A	<0.010	<0.010 mg/kg
S24-0139475	Endosulphan alpha	N/A	<0.010	<0.010 mg/kg
S24-0139475	Endosulphan beta	N/A	<0.010	<0.010 mg/kg

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S24-0139475	Endosulphan sulphate	N/A	<0.010	<0.010 mg/kg
S24-0139475	Endosulphan Total	N/A	<0.020	<0.020 mg/kg
S24-0139475	Endrin Total	N/A	<0.020	<0.020 mg/kg
S24-0139475	Esfenvalerate	N/A	<0.010	<0.010 mg/kg
S24-0139475	Ethoprosfos	N/A	<0.010	<0.010 mg/kg
S24-0139475	Etoxazole	N/A	<0.010	<0.010 mg/kg
S24-0139475	Fenamiphos	< 0.20	<0.010	<0.010 mg/kg
S24-0139475	Fenarimol	N/A	<0.010	<0.010 mg/kg
S24-0139475	Fenitrothion	< 0.50	<0.010	<0.010 mg/kg
S24-0139475	Fenoxycarb	N/A	<0.010	<0.010 mg/kg
S24-0139475	Fenthion	N/A	<0.010	<0.010 mg/kg
S24-0139475	Fenvalerate	N/A	<0.010	<0.010 mg/kg
S24-0139475	Fenvalerate (Total)	N/A	<0.010	<0.010 mg/kg
S24-0139475	Fipronil	< 0.10	<0.010	<0.010 mg/kg
S24-0139475	Fludioxonil	< 15	<0.010	<0.010 mg/kg
S24-0139475	Flusilazole	N/A	<0.010	<0.010 mg/kg
S24-0139475	Fluvalinate	N/A	<0.010	<0.010 mg/kg
S24-0139475	Fluvalinate tau	N/A	<0.010	<0.010 mg/kg
S24-0139475	HCB	N/A	<0.010	<0.010 mg/kg
S24-0139475	Heptachlor	< 0.05	<0.010	<0.010 mg/kg
S24-0139475	Heptachlor epoxide	< 0.05	<0.010	<0.010 mg/kg
S24-0139475	Hexaconazole	N/A	<0.010	<0.010 mg/kg
S24-0139475	Hexythiazox	N/A	<0.010	<0.010 mg/kg
S24-0139475	Imazalil	N/A	<0.010	<0.010 mg/kg
S24-0139475	Indoxacarb	< 3	<0.010	<0.010 mg/kg
S24-0139475	Iprodione	< 5	<0.010	<0.010 mg/kg
S24-0139475	Kresoxim methyl	N/A	<0.010	<0.010 mg/kg
S24-0139475	Linuron	< 0.05	<0.010	<0.010 mg/kg
S24-0139475	Malathion	< 2	<0.010	<0.010 mg/kg
S24-0139475	Metalaxyl	< 0.30	<0.010	<0.010 mg/kg
S24-0139475	Methamidophos	N/A	<0.010	<0.010 mg/kg
S24-0139475	Methidathion	< 1	<0.010	<0.010 mg/kg
S24-0139475	Metribuzin	N/A	<0.010	<0.010 mg/kg
S24-0139475	Mevinphos	N/A	<0.010	<0.010 mg/kg

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S24-0139475	Monocrotophos	N/A	<0.010	<0.010 mg/kg
S24-0139475	Myclobutanil	N/A	<0.010	<0.010 mg/kg
S24-0139475	Omethoate	< 2	<0.010	<0.010 mg/kg
S24-0139475	Oxyfluorfen	N/A	<0.010	<0.010 mg/kg
S24-0139475	Paclobutrazol	N/A	<0.010	<0.010 mg/kg
S24-0139475	Parathion ethyl	N/A	<0.010	<0.010 mg/kg
S24-0139475	Parathion methyl	N/A	<0.010	<0.010 mg/kg
S24-0139475	Penconazole	N/A	<0.010	<0.010 mg/kg
S24-0139475	Pendimethalin	< 0.05	<0.010	<0.010 mg/kg
S24-0139475	Penthiopyrad	< 10.00	<0.010	<0.010 mg/kg
S24-0139475	Permethrin	< 5	<0.010	<0.010 mg/kg
S24-0139475	Phenothrin	N/A	<0.010	<0.010 mg/kg
S24-0139475	Phorate	< 0.50	<0.010	<0.010 mg/kg
S24-0139475	Phosmet	N/A	<0.010	<0.010 mg/kg
S24-0139475	Piperonyl butoxide	< 8	<0.010	<0.010 mg/kg
S24-0139475	Pirimicarb	< 7	<0.010	<0.010 mg/kg
S24-0139475	Pirimiphos methyl	N/A	<0.010	<0.010 mg/kg
S24-0139475	Prochloraz	< 2	<0.010	<0.010 mg/kg
S24-0139475	Procymidone	N/A	<0.010	<0.010 mg/kg
S24-0139475	Profenofos	N/A	<0.010	<0.010 mg/kg
S24-0139475	Propargite	< 3	<0.010	<0.010 mg/kg
S24-0139475	Propiconazole	N/A	<0.010	<0.010 mg/kg
S24-0139475	Prothiofos	N/A	<0.010	<0.010 mg/kg
S24-0139475	Pyrethrins	< 1	<0.025	<0.025 mg/kg
S24-0139475	Pyrimethanil	< 20	<0.010	<0.010 mg/kg
S24-0139475	Pyriproxyfen	N/A	<0.010	<0.010 mg/kg
S24-0139475	Quintozene	< 0.30	<0.010	<0.010 mg/kg
S24-0139475	Sulfoxaflor	< 1.00	<0.010	<0.010 mg/kg
S24-0139475	Tebuconazole	N/A	<0.010	<0.010 mg/kg
S24-0139475	Tebufenpyrad	N/A	<0.010	<0.010 mg/kg
S24-0139475	Terbufos	N/A	<0.010	<0.010 mg/kg
S24-0139475	Tetradifon	< 5	<0.010	<0.010 mg/kg
S24-0139475	Tolclofos methyl	N/A	<0.010	<0.010 mg/kg
S24-0139475	Triadimefon	N/A	<0.010	<0.010 mg/kg

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S24-0139475	Triadimenol	N/A	<0.010	<0.010 mg/kg
S24-0139475	Trichlorfon	< 0.10	<0.010	<0.010 mg/kg
S24-0139475	Vinclozolin	N/A	<0.010	<0.010 mg/kg
S24-0139475	Methacrifos	N/A	<0.010	<0.010 mg/kg

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

S24-0139475	Azoxystrobin	< 15	<0.010	<0.010 mg/kg
S24-0139475	Boscalid	< 40	<0.010	<0.010 mg/kg
S24-0139475	Bromacil	N/A	<0.010	<0.010 mg/kg
S24-0139475	Carbendazim / Benomyl	N/A	<0.010	<0.010 mg/kg
S24-0139475	Chlorantranilprole	< 3	<0.010	<0.010 mg/kg
S24-0139475	Dithianon	N/A	<0.10	<0.10 mg/kg
S24-0139475	Diuron	N/A	<0.020	<0.020 mg/kg
S24-0139475	Fenhexamid	< 50	<0.010	<0.010 mg/kg
S24-0139475	Fenpyroximate	N/A	<0.010	<0.010 mg/kg
S24-0139475	Flubendiamide	< 5	<0.010	<0.010 mg/kg
S24-0139475	Fluopyram	< 15.00	<0.010	<0.010 mg/kg
S24-0139475	Imidacloprid	< 5	<0.010	<0.010 mg/kg
S24-0139475	Methomyl	< 2	<0.010	<0.010 mg/kg
S24-0139475	Methomyl Oxime	< 2	<0.010	<0.010 mg/kg
S24-0139475	Pymetrozine	< 5	<0.010	<0.010 mg/kg
S24-0139475	Pyraclostrobin	N/A	<0.010	<0.010 mg/kg
S24-0139475	Spinetoram	< 0.70	<0.010	<0.010 mg/kg
S24-0139475	Spinosad	< 5	<0.010	<0.010 mg/kg
S24-0139475	Spirotetramat	< 7	<0.010	0.071 mg/kg
S24-0139475	Tebufozide	N/A	<0.010	<0.010 mg/kg
S24-0139475	Thiabendazole	N/A	<0.010	<0.010 mg/kg
S24-0139475	Thiacloprid	N/A	<0.010	<0.010 mg/kg
S24-0139475	Thiamethoxam	< 2	<0.010	<0.010 mg/kg
S24-0139475	Trifloxystrobin	N/A	<0.010	<0.010 mg/kg
S24-0139475	Mandipropamid	< 30.00	<0.010	<0.010 mg/kg

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

S24-0139475	Cadmium	< 0.10	<0.010	<0.010 mg/kg
S24-0139475	Lead	< 0.10	<0.010	0.012 mg/kg

### Mercury (TP/394)

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S24-0139475      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. 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
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