

ANALYSIS REPORT

Replacement Report

Job No: J2411-2182

Date Issued: 04-Dec-2024

Report Number: 355353

This report replaces Report Number: 353325

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	Baby Kale
S24-0139481	Product	Kale
	Description	BORATTO FARMS BULL FARM

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

Analysis Results

Determinant	MRL	LOR	Result
E.coli - MPN (TP_DML/019)			
S24-0139481 E.coli	N/A		<3.0 MPN/g
Listeria spp - MDS (TP_DML/086)			
S24-0139481 Listeria monocytogenes /25g	N/A		Not Detected
Salmonella spp - MDS (TP_DML/087)			
S24-0139481 Salmonella sp /25g	N/A		Not Detected
AT3 Chemicals Test List (TP/311 & 312)			
S24-0139481 2-phenylphenol	< 0.10	<0.010	<0.010 mg/kg
S24-0139481 Abamectin	< 0.50	<0.010	<0.010 mg/kg
S24-0139481 Acephate	N/A	<0.010	<0.010 mg/kg
S24-0139481 Aldrin	N/A	<0.010	<0.010 mg/kg
S24-0139481 Atrazine	N/A	<0.010	<0.010 mg/kg
S24-0139481 Azinphos methyl	N/A	<0.010	<0.010 mg/kg
S24-0139481 Benalaxyl	N/A	<0.010	<0.010 mg/kg
S24-0139481 BHC alpha	N/A	<0.010	<0.010 mg/kg
S24-0139481 BHC beta	N/A	<0.010	<0.010 mg/kg
S24-0139481 BHC delta	N/A	<0.010	<0.010 mg/kg
S24-0139481 BHC gamma (Lindane)	< 2	<0.010	<0.010 mg/kg
S24-0139481 BHC Total	N/A	<0.020	<0.020 mg/kg
S24-0139481 Bifenazate	< 0.20	<0.010	<0.010 mg/kg
S24-0139481 Bifenthrin	< 0.01	<0.010	<0.010 mg/kg
S24-0139481 Bioresmethrin	N/A	<0.010	<0.010 mg/kg
S24-0139481 Bitertanol	N/A	<0.010	<0.010 mg/kg
S24-0139481 Buprofezin	< 0.10	<0.010	<0.010 mg/kg
S24-0139481 Captan	< 0.10	<0.050	<0.050 mg/kg

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S24-0139481	Carbaryl	< 0.02	<0.010	<0.010 mg/kg
S24-0139481	Chlordane	< 0.02	<0.010	<0.010 mg/kg
S24-0139481	Chlorfenapyr	< 3	<0.010	<0.010 mg/kg
S24-0139481	Chlorothalonil	< 100	<0.050	<0.050 mg/kg
S24-0139481	Chlorpyrifos	< 0.01	<0.010	<0.010 mg/kg
S24-0139481	Chlorpyrifos methyl	N/A	<0.010	<0.010 mg/kg
S24-0139481	Chlorthal dimethyl	< 5	<0.010	<0.010 mg/kg
S24-0139481	Clofentezine	< 0.02	<0.010	<0.010 mg/kg
S24-0139481	Cyfluthrin	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Cyfluthrin beta	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Cyhalothrin	N/A	<0.010	<0.010 mg/kg
S24-0139481	Cyhalothrin lambda	N/A	<0.010	<0.010 mg/kg
S24-0139481	Cypermethrin	< 5	<0.010	<0.010 mg/kg
S24-0139481	Cypermethrin alpha	< 5.00	<0.010	<0.010 mg/kg
S24-0139481	Cyproconazole	< 0.01	<0.010	<0.010 mg/kg
S24-0139481	Cyprodinil	< 10	<0.010	<0.010 mg/kg
S24-0139481	DDD p,p	< 1	<0.010	<0.010 mg/kg
S24-0139481	DDE p,p	< 1	<0.010	<0.010 mg/kg
S24-0139481	DDT p,p	< 1	<0.010	<0.010 mg/kg
S24-0139481	DDT Total	< 1	<0.020	<0.020 mg/kg
S24-0139481	Deltamethrin	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Diazinon	< 0.70	<0.010	<0.010 mg/kg
S24-0139481	Dichlorvos	< 0.01	<0.010	<0.010 mg/kg
S24-0139481	Dicloran	N/A	<0.010	<0.010 mg/kg
S24-0139481	Dicofol	< 5	<0.010	<0.010 mg/kg
S24-0139481	Dieldrin	N/A	<0.010	<0.010 mg/kg
S24-0139481	Difenoconazole	< 5.00	<0.010	<0.010 mg/kg
S24-0139481	Dimethoate	N/A	<0.010	<0.010 mg/kg
S24-0139481	Dimethoate (Total)	N/A	<0.010	<0.010 mg/kg
S24-0139481	Dimethomorph	< 30.00	<0.010	<0.010 mg/kg
S24-0139481	Diphenylamine	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Disulfoton	N/A	<0.010	<0.010 mg/kg
S24-0139481	Endosulphan alpha	N/A	<0.010	<0.010 mg/kg
S24-0139481	Endosulphan beta	N/A	<0.010	<0.010 mg/kg

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S24-0139481	Endosulphan sulphate	N/A	<0.010	<0.010 mg/kg
S24-0139481	Endosulphan Total	N/A	<0.020	<0.020 mg/kg
S24-0139481	Endrin Total	N/A	<0.020	<0.020 mg/kg
S24-0139481	Esfenvalerate	< 1	<0.010	<0.010 mg/kg
S24-0139481	Ethoprosfos	N/A	<0.010	<0.010 mg/kg
S24-0139481	Etoxazole	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Fenamiphos	N/A	<0.010	<0.010 mg/kg
S24-0139481	Fenarimol	N/A	<0.010	<0.010 mg/kg
S24-0139481	Fenitrothion	N/A	<0.010	<0.010 mg/kg
S24-0139481	Fenoxycarb	< 0.10	<0.010	<0.010 mg/kg
S24-0139481	Fenthion	N/A	<0.010	<0.010 mg/kg
S24-0139481	Fenvalerate	< 1	<0.010	<0.010 mg/kg
S24-0139481	Fenvalerate (Total)	< 1	<0.010	<0.010 mg/kg
S24-0139481	Fipronil	N/A	<0.010	<0.010 mg/kg
S24-0139481	Fludioxonil	< 15	<0.010	<0.010 mg/kg
S24-0139481	Flusilazole	N/A	<0.010	<0.010 mg/kg
S24-0139481	Fluvalinate	< 0.02	<0.010	<0.010 mg/kg
S24-0139481	Fluvalinate tau	< 0.02	<0.010	<0.010 mg/kg
S24-0139481	HCB	N/A	<0.010	<0.010 mg/kg
S24-0139481	Heptachlor	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Heptachlor epoxide	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Hexaconazole	N/A	<0.010	<0.010 mg/kg
S24-0139481	Hexythiazox	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Imazalil	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Indoxacarb	< 5	<0.010	<0.010 mg/kg
S24-0139481	Iprodione	< 15	<0.010	<0.010 mg/kg
S24-0139481	Kresoxim methyl	< 0.02	<0.010	<0.010 mg/kg
S24-0139481	Linuron	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Malathion	< 3	<0.010	<0.010 mg/kg
S24-0139481	Metalaxyl	< 0.30	<0.010	<0.010 mg/kg
S24-0139481	Methamidophos	N/A	<0.010	<0.010 mg/kg
S24-0139481	Methidathion	< 0.02	<0.010	<0.010 mg/kg
S24-0139481	Metribuzin	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Mevinphos	N/A	<0.010	<0.010 mg/kg

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S24-0139481	Monocrotophos	N/A	<0.010	<0.010 mg/kg
S24-0139481	Myclobutanil	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Omethoate	N/A	<0.010	<0.010 mg/kg
S24-0139481	Oxyfluorfen	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Paclobutrazol	< 0.01	<0.010	<0.010 mg/kg
S24-0139481	Parathion ethyl	N/A	<0.010	<0.010 mg/kg
S24-0139481	Parathion methyl	N/A	<0.010	<0.010 mg/kg
S24-0139481	Penconazole	< 0.02	<0.010	<0.010 mg/kg
S24-0139481	Pendimethalin	< 0.20	<0.010	<0.010 mg/kg
S24-0139481	Penthiopyrad	< 70	<0.010	<0.010 mg/kg
S24-0139481	Permethrin	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Phenothrin	N/A	<0.010	<0.010 mg/kg
S24-0139481	Phorate	< 0.01	<0.010	<0.010 mg/kg
S24-0139481	Phosmet	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Piperonyl butoxide	< 8	<0.010	<0.010 mg/kg
S24-0139481	Pirimicarb	< 7	<0.010	<0.010 mg/kg
S24-0139481	Pirimiphos methyl	< 0.02	<0.010	<0.010 mg/kg
S24-0139481	Prochloraz	< 0.10	<0.010	<0.010 mg/kg
S24-0139481	Procymidone	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Profenofos	< 0.02	<0.010	<0.010 mg/kg
S24-0139481	Propargite	< 3	<0.010	<0.010 mg/kg
S24-0139481	Propiconazole	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Prothiofos	N/A	<0.010	<0.010 mg/kg
S24-0139481	Pyrethrins	< 1	<0.025	<0.025 mg/kg
S24-0139481	Pyrimethanil	< 5	<0.010	<0.010 mg/kg
S24-0139481	Pyriproxyfen	< 0.10	<0.010	<0.010 mg/kg
S24-0139481	Quintozene	N/A	<0.010	<0.010 mg/kg
S24-0139481	Sulfoxaflor	< 5.00	<0.010	<0.010 mg/kg
S24-0139481	Tebuconazole	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Tebufenpyrad	< 0.02	<0.010	<0.010 mg/kg
S24-0139481	Terbufos	N/A	<0.010	<0.010 mg/kg
S24-0139481	Tetradifon	N/A	<0.010	<0.010 mg/kg
S24-0139481	Tolclofos methyl	< 0.02	<0.010	<0.010 mg/kg
S24-0139481	Triadimefon	< 0.05	<0.010	<0.010 mg/kg

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S24-0139481	Triadimenol	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Trichlorfon	< 0.20	<0.010	<0.010 mg/kg
S24-0139481	Vinclozolin	N/A	<0.010	<0.010 mg/kg
S24-0139481	Methacrifos	N/A	<0.010	<0.010 mg/kg

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

S24-0139481	Azoxystrobin	< 15	<0.010	0.24 mg/kg
S24-0139481	Boscalid	< 40	<0.010	<0.010 mg/kg
S24-0139481	Bromacil	N/A	<0.010	<0.010 mg/kg
S24-0139481	Carbendazim / Benomyl	N/A	<0.010	<0.010 mg/kg
S24-0139481	Chlorantraniliprole	< 15	<0.010	<0.010 mg/kg
S24-0139481	Dithianon	< 0.02	<0.10	<0.10 mg/kg
S24-0139481	Diuron	< 0.05	<0.020	<0.020 mg/kg
S24-0139481	Fenhexamid	< 0.10	<0.010	<0.010 mg/kg
S24-0139481	Fenpyroximate	< 0.10	<0.010	<0.010 mg/kg
S24-0139481	Flubendiamide	< 10	<0.010	0.23 mg/kg
S24-0139481	Fluopyram	< 0.02	<0.010	<0.010 mg/kg
S24-0139481	Imidacloprid	< 20	<0.010	<0.010 mg/kg
S24-0139481	Methomyl	< 0.70	<0.010	<0.010 mg/kg
S24-0139481	Methomyl Oxime	< 0.70	<0.010	<0.010 mg/kg
S24-0139481	Pymetrozine	< 5	<0.010	<0.010 mg/kg
S24-0139481	Pyraclostrobin	< 3	<0.010	0.017 mg/kg
S24-0139481	Spinetoram	< 0.70	<0.010	<0.010 mg/kg
S24-0139481	Spinosad	< 5	<0.010	<0.010 mg/kg
S24-0139481	Spirotetramat	< 10	<0.010	<0.010 mg/kg
S24-0139481	Tebufozide	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Thiabendazole	< 0.03	<0.010	<0.010 mg/kg
S24-0139481	Thiacloprid	< 0.10	<0.010	<0.010 mg/kg
S24-0139481	Thiamethoxam	< 2	<0.010	<0.010 mg/kg
S24-0139481	Trifloxystrobin	< 0.05	<0.010	<0.010 mg/kg
S24-0139481	Mandipropamid	< 30.00	<0.010	<0.010 mg/kg

Metals - ICPMS Micro (TP/394)

S24-0139481	Cadmium	< 0.10	<0.010	<0.010 mg/kg
S24-0139481	Lead	< 0.10	<0.010	0.012 mg/kg

Mercury (TP/394)

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S24-0139481	Mercury	N/A	<0.010	<0.010 mg/kg
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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.

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