

ANALYSIS REPORT

Replacement Report

Job No: J2411-2182

Date Issued: 04-Dec-2024

Report Number: 355354

This report replaces Report Number: 353327

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

S24-0139482	Your Reference	Kale
	Product	Kale
	Description	BORATTO FARMS BULL FARM

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

Analysis Results

Determinant	MRL	LOR	Result
E.coli - MPN (TP_DML/019)			
S24-0139482 E.coli	N/A		<3.0 MPN/g
Listeria spp - MDS (TP_DML/086)			
S24-0139482 Listeria monocytogenes /25g	N/A		Not Detected
Salmonella spp - MDS (TP_DML/087)			
S24-0139482 Salmonella sp /25g	N/A		Not Detected
AT3 Chemicals Test List (TP/311 & 312)			
S24-0139482 2-phenylphenol	< 0.10	<0.010	<0.010 mg/kg
S24-0139482 Abamectin	< 0.50	<0.010	<0.010 mg/kg
S24-0139482 Acephate	N/A	<0.010	<0.010 mg/kg
S24-0139482 Aldrin	N/A	<0.010	<0.010 mg/kg
S24-0139482 Atrazine	N/A	<0.010	<0.010 mg/kg
S24-0139482 Azinphos methyl	N/A	<0.010	<0.010 mg/kg
S24-0139482 Benalaxyl	N/A	<0.010	<0.010 mg/kg
S24-0139482 BHC alpha	N/A	<0.010	<0.010 mg/kg
S24-0139482 BHC beta	N/A	<0.010	<0.010 mg/kg
S24-0139482 BHC delta	N/A	<0.010	<0.010 mg/kg
S24-0139482 BHC gamma (Lindane)	< 2	<0.010	<0.010 mg/kg
S24-0139482 BHC Total	N/A	<0.020	<0.020 mg/kg
S24-0139482 Bifenazate	< 0.20	<0.010	<0.010 mg/kg
S24-0139482 Bifenthrin	< 0.01	<0.010	<0.010 mg/kg
S24-0139482 Bioresmethrin	N/A	<0.010	<0.010 mg/kg
S24-0139482 Bitertanol	N/A	<0.010	<0.010 mg/kg
S24-0139482 Buprofezin	< 0.10	<0.010	<0.010 mg/kg
S24-0139482 Captan	< 0.10	<0.050	<0.050 mg/kg

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S24-0139482	Carbaryl	< 0.02	<0.010	<0.010 mg/kg
S24-0139482	Chlordane	< 0.02	<0.010	<0.010 mg/kg
S24-0139482	Chlorfenapyr	< 3	<0.010	<0.010 mg/kg
S24-0139482	Chlorothalonil	< 100	<0.050	<0.050 mg/kg
S24-0139482	Chlorpyrifos	< 0.01	<0.010	<0.010 mg/kg
S24-0139482	Chlorpyrifos methyl	N/A	<0.010	<0.010 mg/kg
S24-0139482	Chlorthal dimethyl	< 5	<0.010	<0.010 mg/kg
S24-0139482	Clofentezine	< 0.02	<0.010	<0.010 mg/kg
S24-0139482	Cyfluthrin	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Cyfluthrin beta	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Cyhalothrin	N/A	<0.010	<0.010 mg/kg
S24-0139482	Cyhalothrin lambda	N/A	<0.010	<0.010 mg/kg
S24-0139482	Cypermethrin	< 5	<0.010	<0.010 mg/kg
S24-0139482	Cypermethrin alpha	< 5.00	<0.010	<0.010 mg/kg
S24-0139482	Cyproconazole	< 0.01	<0.010	<0.010 mg/kg
S24-0139482	Cyprodinil	< 10	<0.010	<0.010 mg/kg
S24-0139482	DDD p,p	< 1	<0.010	<0.010 mg/kg
S24-0139482	DDE p,p	< 1	<0.010	<0.010 mg/kg
S24-0139482	DDT p,p	< 1	<0.010	<0.010 mg/kg
S24-0139482	DDT Total	< 1	<0.020	<0.020 mg/kg
S24-0139482	Deltamethrin	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Diazinon	< 0.70	<0.010	<0.010 mg/kg
S24-0139482	Dichlorvos	< 0.01	<0.010	<0.010 mg/kg
S24-0139482	Dicloran	N/A	<0.010	<0.010 mg/kg
S24-0139482	Dicofol	< 5	<0.010	<0.010 mg/kg
S24-0139482	Dieldrin	N/A	<0.010	<0.010 mg/kg
S24-0139482	Difenoconazole	< 5.00	<0.010	<0.010 mg/kg
S24-0139482	Dimethoate	N/A	<0.010	<0.010 mg/kg
S24-0139482	Dimethoate (Total)	N/A	<0.010	<0.010 mg/kg
S24-0139482	Dimethomorph	< 30.00	<0.010	<0.010 mg/kg
S24-0139482	Diphenylamine	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Disulfoton	N/A	<0.010	<0.010 mg/kg
S24-0139482	Endosulphan alpha	N/A	<0.010	<0.010 mg/kg
S24-0139482	Endosulphan beta	N/A	<0.010	<0.010 mg/kg

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S24-0139482	Endosulphan sulphate	N/A	<0.010	<0.010 mg/kg
S24-0139482	Endosulphan Total	N/A	<0.020	<0.020 mg/kg
S24-0139482	Endrin Total	N/A	<0.020	<0.020 mg/kg
S24-0139482	Esfenvalerate	< 1	<0.010	<0.010 mg/kg
S24-0139482	Ethoprosfos	N/A	<0.010	<0.010 mg/kg
S24-0139482	Etoxazole	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Fenamiphos	N/A	<0.010	<0.010 mg/kg
S24-0139482	Fenarimol	N/A	<0.010	<0.010 mg/kg
S24-0139482	Fenitrothion	N/A	<0.010	<0.010 mg/kg
S24-0139482	Fenoxycarb	< 0.10	<0.010	<0.010 mg/kg
S24-0139482	Fenthion	N/A	<0.010	<0.010 mg/kg
S24-0139482	Fenvalerate	< 1	<0.010	<0.010 mg/kg
S24-0139482	Fenvalerate (Total)	< 1	<0.010	<0.010 mg/kg
S24-0139482	Fipronil	N/A	<0.010	<0.010 mg/kg
S24-0139482	Fludioxonil	< 15	<0.010	<0.010 mg/kg
S24-0139482	Flusilazole	N/A	<0.010	<0.010 mg/kg
S24-0139482	Fluvalinate	< 0.02	<0.010	<0.010 mg/kg
S24-0139482	Fluvalinate tau	< 0.02	<0.010	<0.010 mg/kg
S24-0139482	HCB	N/A	<0.010	<0.010 mg/kg
S24-0139482	Heptachlor	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Heptachlor epoxide	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Hexaconazole	N/A	<0.010	<0.010 mg/kg
S24-0139482	Hexythiazox	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Imazalil	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Indoxacarb	< 5	<0.010	<0.010 mg/kg
S24-0139482	Iprodione	< 15	<0.010	<0.010 mg/kg
S24-0139482	Kresoxim methyl	< 0.02	<0.010	<0.010 mg/kg
S24-0139482	Linuron	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Malathion	< 3	<0.010	<0.010 mg/kg
S24-0139482	Metalaxyl	< 0.30	<0.010	<0.010 mg/kg
S24-0139482	Methamidophos	N/A	<0.010	<0.010 mg/kg
S24-0139482	Methidathion	< 0.02	<0.010	<0.010 mg/kg
S24-0139482	Metribuzin	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Mevinphos	N/A	<0.010	<0.010 mg/kg

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S24-0139482	Monocrotophos	N/A	<0.010	<0.010 mg/kg
S24-0139482	Myclobutanil	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Omethoate	N/A	<0.010	<0.010 mg/kg
S24-0139482	Oxyfluorfen	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Paclobutrazol	< 0.01	<0.010	<0.010 mg/kg
S24-0139482	Parathion ethyl	N/A	<0.010	<0.010 mg/kg
S24-0139482	Parathion methyl	N/A	<0.010	<0.010 mg/kg
S24-0139482	Penconazole	< 0.02	<0.010	<0.010 mg/kg
S24-0139482	Pendimethalin	< 0.20	<0.010	<0.010 mg/kg
S24-0139482	Penthiopyrad	< 70	<0.010	<0.010 mg/kg
S24-0139482	Permethrin	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Phenothrin	N/A	<0.010	<0.010 mg/kg
S24-0139482	Phorate	< 0.01	<0.010	<0.010 mg/kg
S24-0139482	Phosmet	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Piperonyl butoxide	< 8	<0.010	<0.010 mg/kg
S24-0139482	Pirimicarb	< 7	<0.010	<0.010 mg/kg
S24-0139482	Pirimiphos methyl	< 0.02	<0.010	<0.010 mg/kg
S24-0139482	Prochloraz	< 0.10	<0.010	<0.010 mg/kg
S24-0139482	Procymidone	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Profenofos	< 0.02	<0.010	<0.010 mg/kg
S24-0139482	Propargite	< 3	<0.010	<0.010 mg/kg
S24-0139482	Propiconazole	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Prothiofos	N/A	<0.010	<0.010 mg/kg
S24-0139482	Pyrethrins	< 1	<0.025	<0.025 mg/kg
S24-0139482	Pyrimethanil	< 5	<0.010	<0.010 mg/kg
S24-0139482	Pyriproxyfen	< 0.10	<0.010	<0.010 mg/kg
S24-0139482	Quintozene	N/A	<0.010	<0.010 mg/kg
S24-0139482	Sulfoxaflor	< 5.00	<0.010	<0.010 mg/kg
S24-0139482	Tebuconazole	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Tebufenpyrad	< 0.02	<0.010	<0.010 mg/kg
S24-0139482	Terbufos	N/A	<0.010	<0.010 mg/kg
S24-0139482	Tetradifon	N/A	<0.010	<0.010 mg/kg
S24-0139482	Tolclofos methyl	< 0.02	<0.010	<0.010 mg/kg
S24-0139482	Triadimefon	< 0.05	<0.010	<0.010 mg/kg

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S24-0139482	Triadimenol	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Trichlorfon	< 0.20	<0.010	<0.010 mg/kg
S24-0139482	Vinclozolin	N/A	<0.010	<0.010 mg/kg
S24-0139482	Methacrifos	N/A	<0.010	<0.010 mg/kg

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

S24-0139482	Azoxystrobin	< 15	<0.010	<0.010 mg/kg
S24-0139482	Boscalid	< 40	<0.010	<0.010 mg/kg
S24-0139482	Bromacil	N/A	<0.010	<0.010 mg/kg
S24-0139482	Carbendazim / Benomyl	N/A	<0.010	<0.010 mg/kg
S24-0139482	Chlorantranilprole	< 15	<0.010	<0.010 mg/kg
S24-0139482	Dithianon	< 0.02	<0.10	<0.10 mg/kg
S24-0139482	Diuron	< 0.05	<0.020	<0.020 mg/kg
S24-0139482	Fenhexamid	< 0.10	<0.010	<0.010 mg/kg
S24-0139482	Fenpyroximate	< 0.10	<0.010	<0.010 mg/kg
S24-0139482	Flubendiamide	< 10	<0.010	0.028 mg/kg
S24-0139482	Fluopyram	< 0.02	<0.010	<0.010 mg/kg
S24-0139482	Imidacloprid	< 20	<0.010	<0.010 mg/kg
S24-0139482	Methomyl	< 0.70	<0.010	<0.010 mg/kg
S24-0139482	Methomyl Oxime	< 0.70	<0.010	<0.010 mg/kg
S24-0139482	Pymetrozine	< 5	<0.010	<0.010 mg/kg
S24-0139482	Pyraclostrobin	< 3	<0.010	<0.010 mg/kg
S24-0139482	Spinetoram	< 0.70	<0.010	<0.010 mg/kg
S24-0139482	Spinosad	< 5	<0.010	<0.010 mg/kg
S24-0139482	Spirotetramat	< 10	<0.010	<0.010 mg/kg
S24-0139482	Tebufozide	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Thiabendazole	< 0.03	<0.010	<0.010 mg/kg
S24-0139482	Thiacloprid	< 0.10	<0.010	<0.010 mg/kg
S24-0139482	Thiamethoxam	< 2	<0.010	<0.010 mg/kg
S24-0139482	Trifloxystrobin	< 0.05	<0.010	<0.010 mg/kg
S24-0139482	Mandipropamid	< 30.00	<0.010	<0.010 mg/kg

Metals - ICPMS Micro (TP/394)

S24-0139482	Cadmium	< 0.10	<0.010	0.013 mg/kg
S24-0139482	Lead	< 0.10	<0.010	0.037 mg/kg

Mercury (TP/394)

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S24-0139482	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