

ANALYSIS REPORT

Replacement Report

Job No: J2411-2182

Date Issued: 04-Dec-2024

Report Number: 355348

This report replaces Report Number: 353318

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

S24-0139476	Your Reference	Baby Spinach
	Product	Spinach
	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)			
S24-0139476 E.coli	N/A		<3.0 MPN/g
Listeria spp - MDS (TP_DML/086)			
S24-0139476 Listeria monocytogenes /25g	N/A		Not Detected
Salmonella spp - MDS (TP_DML/087)			
S24-0139476 Salmonella sp /25g	N/A		Not Detected
AT3 Chemicals Test List (TP/311 & 312)			
S24-0139476 2-phenylphenol	< 0.10	<0.010	<0.010 mg/kg
S24-0139476 Abamectin	< 0.50	<0.010	<0.010 mg/kg
S24-0139476 Acephate	N/A	<0.010	<0.010 mg/kg
S24-0139476 Aldrin	N/A	<0.010	<0.010 mg/kg
S24-0139476 Atrazine	N/A	<0.010	<0.010 mg/kg
S24-0139476 Azinphos methyl	N/A	<0.010	<0.010 mg/kg
S24-0139476 Benalaxyl	N/A	<0.010	<0.010 mg/kg
S24-0139476 BHC alpha	N/A	<0.010	<0.010 mg/kg
S24-0139476 BHC beta	N/A	<0.010	<0.010 mg/kg
S24-0139476 BHC delta	N/A	<0.010	<0.010 mg/kg
S24-0139476 BHC gamma (Lindane)	< 2	<0.010	<0.010 mg/kg
S24-0139476 BHC Total	N/A	<0.020	<0.020 mg/kg
S24-0139476 Bifenazate	< 0.20	<0.010	<0.010 mg/kg
S24-0139476 Bifenthrin	< 0.01	<0.010	<0.010 mg/kg
S24-0139476 Bioresmethrin	N/A	<0.010	<0.010 mg/kg
S24-0139476 Bitertanol	N/A	<0.010	<0.010 mg/kg
S24-0139476 Buprofezin	< 0.10	<0.010	<0.010 mg/kg
S24-0139476 Captan	< 0.10	<0.050	<0.050 mg/kg

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S24-0139476	Carbaryl	< 0.02	<0.010	<0.010 mg/kg
S24-0139476	Chlordane	< 0.02	<0.010	<0.010 mg/kg
S24-0139476	Chlorfenapyr	< 0.02	<0.010	<0.010 mg/kg
S24-0139476	Chlorothalonil	< 100	<0.050	<0.050 mg/kg
S24-0139476	Chlorpyrifos	< 0.01	<0.010	<0.010 mg/kg
S24-0139476	Chlorpyrifos methyl	N/A	<0.010	<0.010 mg/kg
S24-0139476	Chlorthal dimethyl	< 5	<0.010	<0.010 mg/kg
S24-0139476	Clofentezine	< 0.02	<0.010	<0.010 mg/kg
S24-0139476	Cyfluthrin	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Cyfluthrin beta	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Cyhalothrin	N/A	<0.010	<0.010 mg/kg
S24-0139476	Cyhalothrin lambda	N/A	<0.010	<0.010 mg/kg
S24-0139476	Cypermethrin	< 5	<0.010	<0.010 mg/kg
S24-0139476	Cypermethrin alpha	< 5	<0.010	<0.010 mg/kg
S24-0139476	Cyproconazole	< 0.01	<0.010	<0.010 mg/kg
S24-0139476	Cyprodinil	< 10	<0.010	<0.010 mg/kg
S24-0139476	DDD p,p	< 1	<0.010	<0.010 mg/kg
S24-0139476	DDE p,p	< 1	<0.010	<0.010 mg/kg
S24-0139476	DDT p,p	< 1	<0.010	<0.010 mg/kg
S24-0139476	DDT Total	< 1	<0.020	<0.020 mg/kg
S24-0139476	Deltamethrin	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Diazinon	< 0.70	<0.010	<0.010 mg/kg
S24-0139476	Dichlorvos	< 0.01	<0.010	<0.010 mg/kg
S24-0139476	Dicloran	N/A	<0.010	<0.010 mg/kg
S24-0139476	Dicofol	< 5	<0.010	<0.010 mg/kg
S24-0139476	Dieldrin	N/A	<0.010	<0.010 mg/kg
S24-0139476	Difenoconazole	< 5.00	<0.010	<0.010 mg/kg
S24-0139476	Dimethoate	N/A	<0.010	<0.010 mg/kg
S24-0139476	Dimethoate (Total)	N/A	<0.010	<0.010 mg/kg
S24-0139476	Dimethomorph	< 30	<0.010	<0.010 mg/kg
S24-0139476	Diphenylamine	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Disulfoton	N/A	<0.010	<0.010 mg/kg
S24-0139476	Endosulphan alpha	N/A	<0.010	<0.010 mg/kg
S24-0139476	Endosulphan beta	N/A	<0.010	<0.010 mg/kg

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S24-0139476	Endosulphan sulphate	N/A	<0.010	<0.010 mg/kg
S24-0139476	Endosulphan Total	N/A	<0.020	<0.020 mg/kg
S24-0139476	Endrin Total	N/A	<0.020	<0.020 mg/kg
S24-0139476	Esfenvalerate	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Ethoprosfos	N/A	<0.010	<0.010 mg/kg
S24-0139476	Etoxazole	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Fenamiphos	N/A	<0.010	<0.010 mg/kg
S24-0139476	Fenarimol	N/A	<0.010	<0.010 mg/kg
S24-0139476	Fenitrothion	N/A	<0.010	<0.010 mg/kg
S24-0139476	Fenoxycarb	< 0.10	<0.010	<0.010 mg/kg
S24-0139476	Fenthion	N/A	<0.010	<0.010 mg/kg
S24-0139476	Fenvalerate	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Fenvalerate (Total)	N/A	<0.010	<0.010 mg/kg
S24-0139476	Fipronil	N/A	<0.010	<0.010 mg/kg
S24-0139476	Fludioxonil	< 15	<0.010	<0.010 mg/kg
S24-0139476	Flusilazole	N/A	<0.010	<0.010 mg/kg
S24-0139476	Fluvalinate	< 0.02	<0.010	<0.010 mg/kg
S24-0139476	Fluvalinate tau	< 0.02	<0.010	<0.010 mg/kg
S24-0139476	HCB	N/A	<0.010	<0.010 mg/kg
S24-0139476	Heptachlor	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Heptachlor epoxide	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Hexaconazole	N/A	<0.010	<0.010 mg/kg
S24-0139476	Hexythiazox	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Imazalil	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Indoxacarb	< 5	<0.010	<0.010 mg/kg
S24-0139476	Iprodione	< 5	<0.010	<0.010 mg/kg
S24-0139476	Kresoxim methyl	< 0.02	<0.010	<0.010 mg/kg
S24-0139476	Linuron	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Malathion	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Metalaxyl	< 0.30	<0.010	<0.010 mg/kg
S24-0139476	Methamidophos	N/A	<0.010	<0.010 mg/kg
S24-0139476	Methidathion	< 0.02	<0.010	<0.010 mg/kg
S24-0139476	Metribuzin	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Mevinphos	N/A	<0.010	<0.010 mg/kg

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S24-0139476	Monocrotophos	N/A	<0.010	<0.010 mg/kg
S24-0139476	Myclobutanil	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Omethoate	N/A	<0.010	<0.010 mg/kg
S24-0139476	Oxyfluorfen	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Paclobutrazol	< 0.01	<0.010	<0.010 mg/kg
S24-0139476	Parathion ethyl	N/A	<0.010	<0.010 mg/kg
S24-0139476	Parathion methyl	N/A	<0.010	<0.010 mg/kg
S24-0139476	Penconazole	< 0.02	<0.010	<0.010 mg/kg
S24-0139476	Pendimethalin	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Penthiopyrad	< 50	<0.010	<0.010 mg/kg
S24-0139476	Permethrin	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Phenothrin	N/A	<0.010	<0.010 mg/kg
S24-0139476	Phorate	< 0.01	<0.010	<0.010 mg/kg
S24-0139476	Phosmet	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Piperonyl butoxide	< 8	<0.010	<0.010 mg/kg
S24-0139476	Pirimicarb	< 7	<0.010	<0.010 mg/kg
S24-0139476	Pirimiphos methyl	< 0.02	<0.010	<0.010 mg/kg
S24-0139476	Prochloraz	< 0.10	<0.010	<0.010 mg/kg
S24-0139476	Procymidone	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Profenofos	< 0.02	<0.010	<0.010 mg/kg
S24-0139476	Propargite	< 3	<0.010	<0.010 mg/kg
S24-0139476	Propiconazole	< 0.70	<0.010	<0.010 mg/kg
S24-0139476	Prothiofos	N/A	<0.010	<0.010 mg/kg
S24-0139476	Pyrethrins	< 1	<0.025	<0.025 mg/kg
S24-0139476	Pyrimethanil	< 5	<0.010	<0.010 mg/kg
S24-0139476	Pyriproxyfen	< 0.10	<0.010	<0.010 mg/kg
S24-0139476	Quintozene	N/A	<0.010	<0.010 mg/kg
S24-0139476	Sulfoxaflor	< 5	<0.010	<0.010 mg/kg
S24-0139476	Tebuconazole	< 2	<0.010	<0.010 mg/kg
S24-0139476	Tebufenpyrad	< 0.02	<0.010	<0.010 mg/kg
S24-0139476	Terbufos	N/A	<0.010	<0.010 mg/kg
S24-0139476	Tetradifon	N/A	<0.010	<0.010 mg/kg
S24-0139476	Tolclofos methyl	< 0.02	<0.010	<0.010 mg/kg
S24-0139476	Triadimefon	< 0.05	<0.010	<0.010 mg/kg

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S24-0139476	Triadimenol	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Trichlorfon	< 0.10	<0.010	<0.010 mg/kg
S24-0139476	Vinclozolin	N/A	<0.010	<0.010 mg/kg
S24-0139476	Methacrifos	N/A	<0.010	<0.010 mg/kg

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

S24-0139476	Azoxystrobin	< 15.00	<0.010	<0.010 mg/kg
S24-0139476	Boscalid	< 40	<0.010	<0.010 mg/kg
S24-0139476	Bromacil	N/A	<0.010	<0.010 mg/kg
S24-0139476	Carbendazim / Benomyl	N/A	<0.010	<0.010 mg/kg
S24-0139476	Chlorantranilprole	< 15	<0.010	0.23 mg/kg
S24-0139476	Dithianon	< 0.02	<0.10	<0.10 mg/kg
S24-0139476	Diuron	< 0.05	<0.020	<0.020 mg/kg
S24-0139476	Fenhexamid	< 0.10	<0.010	<0.010 mg/kg
S24-0139476	Fenpyroximate	< 0.10	<0.010	<0.010 mg/kg
S24-0139476	Flubendiamide	< 10	<0.010	<0.010 mg/kg
S24-0139476	Fluopyram	< 0.20	<0.010	<0.010 mg/kg
S24-0139476	Imidacloprid	< 20	<0.010	<0.010 mg/kg
S24-0139476	Methomyl	< 0.70	<0.010	<0.010 mg/kg
S24-0139476	Methomyl Oxime	< 0.70	<0.010	<0.010 mg/kg
S24-0139476	Pymetrozine	< 5.00	<0.010	<0.010 mg/kg
S24-0139476	Pyraclostrobin	< 0.60	<0.010	<0.010 mg/kg
S24-0139476	Spinetoram	< 0.70	<0.010	0.018 mg/kg
S24-0139476	Spinosad	< 5	<0.010	<0.010 mg/kg
S24-0139476	Spirotetramat	< 5	<0.010	<0.010 mg/kg
S24-0139476	Tebufozide	< 0.05	<0.010	<0.010 mg/kg
S24-0139476	Thiabendazole	< 0.03	<0.010	<0.010 mg/kg
S24-0139476	Thiacloprid	< 0.10	<0.010	<0.010 mg/kg
S24-0139476	Thiamethoxam	< 2	<0.010	<0.010 mg/kg
S24-0139476	Trifloxystrobin	< 10.00	<0.010	<0.010 mg/kg
S24-0139476	Mandipropamid	< 30.00	<0.010	0.71 mg/kg

Metals - ICPMS Micro (TP/394)

S24-0139476	Cadmium	< 0.10	<0.010	0.039 mg/kg
S24-0139476	Lead	< 0.10	<0.010	0.020 mg/kg

Mercury (TP/394)

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S24-0139476 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