

ANALYSIS REPORT

Replacement Report

Job No: J2304-1977

Date Issued: 11-May-2023

Report Number: 219052

This report replaces Report Number: 218883

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

Purchase Order: 006961/04-156149
Date Sampled:
Date Received: 26-Apr-2023

The following sample was analysed:

| Sample ID | Your Reference | Description |
|-------------|---------------------|---------------|
| S23-0044350 | Darley Farm Spinach | Spinach |
| | | Boratto Farms |

Analysis of this sample conducted between 26-Apr-2023 and 28-Apr-2023

Analysis Results

| Determinant | MRL | LOR | Result |
|---|---------------------|--------|--------------|
| AT3 Chemicals Test List (TP/311 & 312) | | | |
| S23-0044350 | 2-phenylphenol | N/A | <0.010 mg/kg |
| S23-0044350 | Abamectin | < 0.50 | <0.010 mg/kg |
| S23-0044350 | Acephate | N/A | <0.010 mg/kg |
| S23-0044350 | Aldrin | N/A | <0.010 mg/kg |
| S23-0044350 | Atrazine | N/A | <0.010 mg/kg |
| S23-0044350 | Azinphos methyl | N/A | <0.010 mg/kg |
| S23-0044350 | Benalaxyl | N/A | <0.010 mg/kg |
| S23-0044350 | BHC alpha | N/A | <0.010 mg/kg |
| S23-0044350 | BHC beta | N/A | <0.010 mg/kg |
| S23-0044350 | BHC delta | N/A | <0.010 mg/kg |
| S23-0044350 | BHC gamma (Lindane) | < 2 | <0.010 mg/kg |
| S23-0044350 | BHC Total | N/A | <0.020 mg/kg |
| S23-0044350 | Bifenazate | N/A | <0.010 mg/kg |
| S23-0044350 | Bifenthrin | < 0.01 | <0.010 mg/kg |
| S23-0044350 | Bioresmethrin | N/A | <0.010 mg/kg |
| S23-0044350 | Bitertanol | N/A | <0.010 mg/kg |
| S23-0044350 | Buprofezin | N/A | <0.010 mg/kg |
| S23-0044350 | Captan | N/A | <0.050 mg/kg |
| S23-0044350 | Carbaryl | < 0.02 | <0.010 mg/kg |
| S23-0044350 | Chlordane | < 0.02 | <0.010 mg/kg |
| S23-0044350 | Chlorfenapyr | N/A | <0.010 mg/kg |
| S23-0044350 | Chlorothalonil | < 100 | <0.050 mg/kg |
| S23-0044350 | Chlorpyrifos | < 0.01 | <0.010 mg/kg |
| S23-0044350 | Chlorpyrifos methyl | N/A | <0.010 mg/kg |

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| | | | | |
|-------------|----------------------|--------|--------|--------------|
| S23-0044350 | Chlorthal dimethyl | < 5 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Clofentezine | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Cyfluthrin | < 0.05 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Cyfluthrin beta | < 0.05 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Cyhalothrin | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Cyhalothrin lambda | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Cypermethrin | < 5 | <0.010 | 0.34 mg/kg |
| S23-0044350 | Cypermethrin alpha | < 5 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Cyproconazole | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Cyprodinil | < 10 | <0.010 | <0.010 mg/kg |
| S23-0044350 | DDD p,p | < 1 | <0.010 | <0.010 mg/kg |
| S23-0044350 | DDE p,p | < 1 | <0.010 | <0.010 mg/kg |
| S23-0044350 | DDT p,p | < 1 | <0.010 | <0.010 mg/kg |
| S23-0044350 | DDT Total | < 1 | <0.020 | <0.020 mg/kg |
| S23-0044350 | Deltamethrin | < 0.05 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Diazinon | < 0.70 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Dichlorvos | < 0.01 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Dicloran | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Dicofol | < 5 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Dieldrin | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Difenoconazole | < 0.02 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Dimethoate | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Dimethoate (Total) | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Dimethomorph | < 30 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Diphenylamine | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Disulfoton | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Endosulphan alpha | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Endosulphan beta | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Endosulphan sulphate | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Endosulphan Total | N/A | <0.020 | <0.020 mg/kg |
| S23-0044350 | Endrin Total | N/A | <0.020 | <0.020 mg/kg |
| S23-0044350 | Esfenvalerate | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Ethoprosfos | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Ettoxazole | N/A | <0.010 | <0.010 mg/kg |

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| | | | | |
|-------------|---------------------|--------|--------|--------------|
| S23-0044350 | Fenamiphos | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Fenarimol | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Fenitrothion | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Fenoxycarb | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Fenthion | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Fenvalerate | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Fenvalerate (Total) | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Fipronil | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Fludioxonil | < 15 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Flusilazole | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Fluvalinate | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Fluvalinate tau | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | HCB | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Heptachlor | < 0.05 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Heptachlor epoxide | < 0.05 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Hexaconazole | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Hexythiazox | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Imazalil | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Indoxacarb | < 5 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Iprodione | < 5 | <0.010 | 0.011 mg/kg |
| S23-0044350 | Kresoxim methyl | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Linuron | < 0.05 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Malathion | < 0.05 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Metalaxyl | < 0.30 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Methamidophos | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Methidathion | < 0.02 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Metribuzin | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Mevinphos | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Monocrotophos | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Myclobutanil | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Omethoate | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Oxyfluorfen | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Paclobutrazol | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Parathion ethyl | N/A | <0.010 | <0.010 mg/kg |

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| | | | | |
|-------------|--------------------|--------|--------|--------------|
| S23-0044350 | Parathion methyl | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Penconazole | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Pendimethalin | < 0.05 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Penthiopyrad | < 50 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Permethrin | < 0.05 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Phenothrin | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Phorate | < 0.01 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Phosmet | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Piperonyl butoxide | < 8 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Pirimicarb | < 7 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Pirimiphos methyl | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Prochloraz | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Procymidone | < 0.05 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Profenofos | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Propargite | < 3 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Propiconazole | < 0.70 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Prothiofos | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Pyrethrins | < 1 | <0.025 | <0.025 mg/kg |
| S23-0044350 | Pyrimethanil | < 5 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Pyriproxyfen | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Quintozone | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Sulfoxaflor | < 5 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Tebuconazole | < 2 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Tebufenpyrad | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Terbufos | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Tetradifon | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Tolclofos methyl | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Triadimefon | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Triadimenol | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Trichlorfon | < 0.10 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Vinclozolin | N/A | <0.010 | <0.010 mg/kg |

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

| | | | | |
|-------------|--------------|---------|--------|--------------|
| S23-0044350 | Azoxystrobin | < 15.00 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Boscalid | < 40 | <0.010 | <0.010 mg/kg |

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| | | | | |
|-------------|-----------------------|---------|--------|--------------|
| S23-0044350 | Bromacil | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Carbendazim / Benomyl | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Chlorantranilprole | < 15 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Dithianon | N/A | <0.10 | <0.10 mg/kg |
| S23-0044350 | Diuron | N/A | <0.020 | <0.020 mg/kg |
| S23-0044350 | Fenhexamid | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Fenpyroximate | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Flubendiamide | < 10 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Fluopyram | < 0.20 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Imidacloprid | < 20 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Methomyl | < 0.70 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Methomyl Oxime | < 0.70 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Pymetrozine | < 5.00 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Pyraclostrobin | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Spinetoram | < 0.70 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Spinosad | < 5 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Spirotetramat | < 5 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Tebufozide | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Thiabendazole | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Thiacloprid | N/A | <0.010 | <0.010 mg/kg |
| S23-0044350 | Thiamethoxam | < 2 | <0.010 | <0.010 mg/kg |
| S23-0044350 | Trifloxystrobin | < 10.00 | <0.010 | <0.010 mg/kg |

Dithiocarbamates (TP/282)

| | | | | |
|-------------|------------------|--------|-------|-------------|
| S23-0044350 | Dithiocarbamates | < 5.00 | <0.20 | <0.20 mg/kg |
|-------------|------------------|--------|-------|-------------|

Metals - ICPMS Micro (TP/394)

| | | | | |
|-------------|---------|--------|--------|-------------|
| S23-0044350 | Cadmium | < 0.10 | <0.010 | 0.061 mg/kg |
| S23-0044350 | Lead | < 0.10 | <0.010 | 0.025 mg/kg |

Mercury (TP/394)

| | | | | |
|-------------|---------|-----|--------|--------------|
| S23-0044350 | Mercury | N/A | <0.010 | <0.010 mg/kg |
|-------------|---------|-----|--------|--------------|

E.coli, Coliforms & Faecal Coliforms - MPN (TP_DML/019)

| | | | | |
|-------------|--------|-----|--|------------|
| S23-0044350 | E.coli | N/A | | <3.0 MPN/g |
|-------------|--------|-----|--|------------|

Listeria spp (TP_DML_070)

| | | | | |
|-------------|-----------------------------|-----|--|--------------|
| S23-0044350 | Listeria monocytogenes /25g | N/A | | Not Detected |
|-------------|-----------------------------|-----|--|--------------|

Salmonella spp - VIDAS (TP_DML_072)

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S23-0044350 Salmonella sp /25g N/A Not Detected

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.

Description amended as per customer request

The sample(s) referred to in this report were analysed for the following determinant(s):

| Analysis | Method | Laboratory |
|--|--------------|----------------------------------|
| E.coli, Coliforms & Faecal Coliforms - MPN | TP_DML/019 | Derrimut Microbiology Laboratory |
| Listeria spp | TP_DML/070 | Derrimut Microbiology Laboratory |
| Salmonella spp - VIDAS | TP_DML/072 | Derrimut Microbiology Laboratory |
| AT3 Chemicals Test List | TP/311 & 312 | Food Safety Laboratory |
| AT5 Chemicals Fresh Test List | TP/312 | Food Safety Laboratory |
| Dithiocarbamates | TP/282 | Food Safety Laboratory |
| Metals - ICPMS Micro | TP/394 | Food Safety Laboratory |
| Mercury | TP/394 | Food Safety Laboratory |

The results in this report were authorised by:

| Name | Title |
|----------------|---|
| Robert Rantino | National Laboratory Operations Manager |

