



Certificate of Analysis

Bulmers Farmfresh Vegetables P/L
30 Bulmers Lane
Lindnow VIC, AUSTRALIA, 3865

Attention: Tara Gillies

Overall Description: Spinach

Our Ref No: FM2256816

Your Ref: 5094

Project:

Report Date: 17 Aug 2022

Samples Received: 08 Aug 2022

Testing Commenced: 15 Aug 2022

This report cannot be reproduced except in full, without written approval from the laboratory.
Samples tested as received into the laboratory, unless the sampling was conducted by ALS.

| Sample Details: Test Description | Results | Units | Site |
|----------------------------------|---------------------|--------|-----------|
| 001 Spinach | | | |
| C3 Pesticide Screen | Aldrin | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Azinphos Methyl | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Benalaxyl | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Bifenthrin | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Bioresmethrin | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Bitertanol | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Bromophos ethyl | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Bupirimate | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Buprofezin | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Captan | <0.050 | mg/kg VIC |
| C3 Pesticide Screen | Chlordane-cis | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Chlorfenapyr | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Chlorfenvinphos | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Chlorpyrifos | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Chlorpyrifos methyl | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Chlorthal dimethyl | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Cyproconazole | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Cyprodinil | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | o,p-DDD | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | p,p-DDD | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | o,p-DDE | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | p,p-DDE | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | o,p-DDT | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | p,p-DDT | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Deltamethrin | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Demeton-S-methyl | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Diazinon | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Dichlofluanid | <0.020 | mg/kg VIC |
| C3 Pesticide Screen | Dichlorvos | <0.020 | mg/kg VIC |
| C3 Pesticide Screen | Dicloran | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Dicofol | <0.010 | mg/kg VIC |
| C3 Pesticide Screen | Dieldrin | <0.010 | mg/kg VIC |

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Food & Pharmaceutical. An ALS Limited Company

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|---------------------|--------------------|--------|-------|-----|
| C3 Pesticide Screen | Difenoconazole | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Dimethomorph | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Diphenylamine | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Disulfoton | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Endosulphan alpha | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Endosulphan beta | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Endrin | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Esfenvalerate | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Ethoprophos | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Fenarimol | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Fenitrothion | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Fenoxycarb | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Fenthion | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Fenvalerate | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Fipronil | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Fludioxonil | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Flusilazole | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Fluvalinate | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | HCB | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | HCH Alpha | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | HCH Beta | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | HCH Delta | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Heptachlor | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Heptachlor epoxide | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Hexaconazole | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Imazalil | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Indoxacarb | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Iprodione | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Kresoxim-methyl | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Lindane Gamma HCH | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Malathion | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Methacrifos | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Methidathion | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Metribuzin | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Mevinphos | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Monocrotophos | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Myclobutanil | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | o-Phenylphenol | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Oxyfluorfen | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Paclobutrazol | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Penconazole | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Pendimethalin | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Permethrin | <0.020 | mg/kg | VIC |
| C3 Pesticide Screen | Phenothrin | <0.020 | mg/kg | VIC |
| C3 Pesticide Screen | Phorate | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Phosmet | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Piperonyl Butoxide | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Pirimicarb | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Pirimiphos methyl | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Prochloraz | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Procymidone | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Profenofos | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Propiconazole | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Prothiofos | <0.010 | mg/kg | VIC |

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|---------------------|---------------------|--------|-------|-----|
| C3 Pesticide Screen | Quintozene | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Simazine | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Tebuconazole | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Tebufenpyrad | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Terbufos | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Tetradifon | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Tolclophos-methyl | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Triadimefon | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Triadimenol | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Vinclozolin | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Chlorothalonil | <0.050 | mg/kg | VIC |
| C3 Pesticide Screen | Chlorane trans | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Endosulfan sulfate | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Sulfoxaflor | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Cyfluthrin | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Azinphos ethyl | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Cyhalothrin | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Cypermethrin | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Parathion Ethyl | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Parathion Methyl | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Pyrimethanil | <0.010 | mg/kg | VIC |
| C3 Pesticide Screen | Pyriproxyfen | <0.010 | mg/kg | VIC |
| C5 Pesticide Screen | Abamectin | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Azoxystrobin | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Boscalid | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Carbendazim | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Chlorantraniliprole | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Diuron | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Fenhexamid | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Fenpyroximate | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Flubendiamide | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Imidacloprid | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Methomyl | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Prosulfocarb | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Pymetrozine | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Pyraclostrobin | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Pyrasulfatole | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Spinetoram | <0.010 | mg/kg | VIC |
| C5 Pesticide Screen | Spinosad | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Spirotetramat | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Tebufenozide | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Thiabendazole | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Thiacloprid | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Thiamethoxam | <0.010 | mg/kg | VIC |
| C5 Pesticide Screen | Trifloxystrobin | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Pyrethrins | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Trichlorfon | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Clofentezine | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Acephate | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Carbaryl | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Dimethoate | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Omethoate | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Fenamiphos | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Hexythiazox | <0.020 | mg/kg | VIC |

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|---------------------|---------------|--------|-------|-----|
| C5 Pesticide Screen | Linuron | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Metalaxyl | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Methamidophos | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Propargite | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Vamidothion | <0.020 | mg/kg | VIC |
| C5 Pesticide Screen | Propamocarb | <0.020 | mg/kg | VIC |
| Metals | Cadmium | 0.020 | mg/kg | VIC |
| Metals | Lead | 0.023 | mg/kg | VIC |

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

| <i>Signatories</i> | <i>Position</i> | <i>Accreditation Category</i> |
|--------------------|--------------------|-------------------------------|
| Karl Kusko | Laboratory Manager | Food Chemistry |

General Comments

N/D = Not Detected, < = Less than, > = Greater than, cfu = colony forming unit, MPN = Most Probable Number, PN = Probable Number, Y = Yeast, M = Mould, ~ = Estimate

Test results are interpreted against MRLs stated in Schedule 20, 21 & 22 to the best of the facility's abilities, however other interpretations may be possible. The recipients are advised to seek another expert opinion to evaluate the test results reported where significant consequence may arise. The facility's interpretation of the MRLs from the Schedules has not considered the Measurement Uncertainty for the test.

FC5193 tested by Agrifood Technology. 260 Princes Highway, WERRIBEE, VIC 3030 Accreditation No. 2726.

C6 Pesticide Screen - Imidacloprid, Pyrasulfatole, Prochloraz and Trifloxystrobin are reported as the parent compound only as per FSANZ Schedule 20/21 definitions

All results are within Maximum Residue Limits (MRL) as outlined in the Australia New Zealand Food Standards Code (FSANZ Schedule 20) unless otherwise stated.

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