



# Certificate of Analysis

Bulmers Farmfresh Vegetables P/L  
30 Bulmers Road  
Lindenow VIC, AUSTRALIA, 3865

**Attention: Quality**

**Overall Description: Spinach 11.12.2023**

Our Ref No: FM2397339

Your Ref:

Project:

Report Date: 20 Dec 2023

Samples Received: 12 Dec 2023

Testing Commenced: 18 Dec 2023

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      |
|----------------------------------|---------------------|--------|-----------|
| <b>001 Spinach 11.12.2023</b>    |                     |        |           |
| FC0067                           | Aldrin              | <0.010 | mg/kg VIC |
| FC0067                           | Azinphos Methyl     | <0.010 | mg/kg VIC |
| FC0067                           | Benalaxyl           | <0.010 | mg/kg VIC |
| FC0067                           | Bifenthrin          | <0.010 | mg/kg VIC |
| FC0067                           | Bitertanol          | <0.010 | mg/kg VIC |
| FC0067                           | Bromophos ethyl     | <0.010 | mg/kg VIC |
| FC0067                           | Bupirimate          | <0.010 | mg/kg VIC |
| FC0067                           | Buprofezin          | <0.010 | mg/kg VIC |
| FC0067                           | Captan              | <0.050 | mg/kg VIC |
| FC0067                           | Chlordane-cis       | <0.010 | mg/kg VIC |
| FC0067                           | Chlordane-trans     | <0.010 | mg/kg VIC |
| FC0067                           | Chlorfenapyr        | <0.010 | mg/kg VIC |
| FC0067                           | Chlorfenvinphos     | <0.010 | mg/kg VIC |
| FC0067                           | Chlorpyrifos        | <0.010 | mg/kg VIC |
| FC0067                           | Chlorpyrifos methyl | <0.010 | mg/kg VIC |
| FC0067                           | Chlorthal dimethyl  | <0.010 | mg/kg VIC |
| FC0067                           | Cyproconazole       | <0.010 | mg/kg VIC |
| FC0067                           | Cyprodinil          | <0.010 | mg/kg VIC |
| FC0067                           | Deltamethrin        | <0.010 | mg/kg VIC |
| FC0067                           | Diazinon            | <0.010 | mg/kg VIC |
| FC0067                           | Dicloran            | <0.010 | mg/kg VIC |
| FC0067                           | Dicofol             | <0.010 | mg/kg VIC |
| FC0067                           | Dieldrin            | <0.010 | mg/kg VIC |
| FC0067                           | Difenoconazole      | <0.010 | mg/kg VIC |
| FC0067                           | Dimethomorph        | <0.010 | mg/kg VIC |
| FC0067                           | Diphenylamine       | <0.010 | mg/kg VIC |
| FC0067                           | Disulfoton          | <0.010 | mg/kg VIC |
| FC0067                           | Endrin              | <0.010 | mg/kg VIC |
| FC0067                           | Esfenvalerate       | <0.010 | mg/kg VIC |
| FC0067                           | Ethoprophos         | <0.010 | mg/kg VIC |
| FC0067                           | Fenarimol           | <0.010 | mg/kg VIC |
| FC0067                           | Fenitrothion        | <0.010 | mg/kg VIC |

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|        |                     |        |       |     |
|--------|---------------------|--------|-------|-----|
| FC0067 | Fenoxycarb          | <0.010 | mg/kg | VIC |
| FC0067 | Fenvalerate         | <0.010 | mg/kg | VIC |
| FC0067 | Fludioxonil         | <0.010 | mg/kg | VIC |
| FC0067 | Flusilazole         | <0.010 | mg/kg | VIC |
| FC0067 | HCB                 | <0.010 | mg/kg | VIC |
| FC0067 | HCH Alpha           | <0.010 | mg/kg | VIC |
| FC0067 | HCH Beta            | <0.010 | mg/kg | VIC |
| FC0067 | HCH Delta           | <0.010 | mg/kg | VIC |
| FC0067 | Heptachlor          | <0.010 | mg/kg | VIC |
| FC0067 | Heptachlor epoxide  | <0.010 | mg/kg | VIC |
| FC0067 | Hexaconazole        | <0.010 | mg/kg | VIC |
| FC0067 | Imazalil            | <0.010 | mg/kg | VIC |
| FC0067 | Iprodione           | <0.010 | mg/kg | VIC |
| FC0067 | Kresoxim-methyl     | <0.010 | mg/kg | VIC |
| FC0067 | Lindane Gamma HCH   | <0.010 | mg/kg | VIC |
| FC0067 | Malathion           | <0.010 | mg/kg | VIC |
| FC0067 | Methacrifos         | <0.010 | mg/kg | VIC |
| FC0067 | Methidathion        | <0.010 | mg/kg | VIC |
| FC0067 | Metribuzin          | <0.010 | mg/kg | VIC |
| FC0067 | Mevinphos           | <0.010 | mg/kg | VIC |
| FC0067 | Monocrotophos       | <0.010 | mg/kg | VIC |
| FC0067 | Myclobutanil        | <0.010 | mg/kg | VIC |
| FC0067 | o-Phenylphenol      | <0.010 | mg/kg | VIC |
| FC0067 | o,p-DDD             | <0.010 | mg/kg | VIC |
| FC0067 | o,p-DDE             | <0.010 | mg/kg | VIC |
| FC0067 | o,p-DDT             | <0.010 | mg/kg | VIC |
| FC0067 | Oxyfluorfen         | <0.010 | mg/kg | VIC |
| FC0067 | p,p-DDD             | <0.010 | mg/kg | VIC |
| FC0067 | p,p-DDE             | <0.010 | mg/kg | VIC |
| FC0067 | p,p-DDT             | <0.010 | mg/kg | VIC |
| FC0067 | Paclobutrazol       | <0.010 | mg/kg | VIC |
| FC0067 | Penconazole         | <0.010 | mg/kg | VIC |
| FC0067 | Pendimethalin       | <0.010 | mg/kg | VIC |
| FC0067 | Permethrin          | <0.010 | mg/kg | VIC |
| FC0067 | Piperonyl Butoxide  | <0.010 | mg/kg | VIC |
| FC0067 | Pirimiphos methyl   | <0.010 | mg/kg | VIC |
| FC0067 | Prochloraz          | <0.010 | mg/kg | VIC |
| FC0067 | Procymidone         | <0.010 | mg/kg | VIC |
| FC0067 | Profenofos          | <0.010 | mg/kg | VIC |
| FC0067 | Propiconazole       | <0.010 | mg/kg | VIC |
| FC0067 | Prothiofos          | <0.010 | mg/kg | VIC |
| FC0067 | Quintozene          | <0.010 | mg/kg | VIC |
| FC0067 | Tebuconazole        | <0.010 | mg/kg | VIC |
| FC0067 | Tebufenpyrad        | <0.010 | mg/kg | VIC |
| FC0067 | Tetradifon          | <0.010 | mg/kg | VIC |
| FC0067 | Tolclophos-methyl   | <0.010 | mg/kg | VIC |
| FC0067 | Triadimefon         | <0.010 | mg/kg | VIC |
| FC0067 | Triadimenol         | <0.010 | mg/kg | VIC |
| FC0067 | Vinclozolin         | <0.010 | mg/kg | VIC |
| FC0071 | Abamectin           | <0.010 | mg/kg | VIC |
| FC0071 | Azoxystrobin        | <0.010 | mg/kg | VIC |
| FC0071 | Boscalid            | <0.010 | mg/kg | VIC |
| FC0071 | Carbendazim         | <0.010 | mg/kg | VIC |
| FC0071 | Chlorantraniliprole | <0.010 | mg/kg | VIC |

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|        |                 |        |       |     |
|--------|-----------------|--------|-------|-----|
| FC0071 | Diuron          | <0.010 | mg/kg | VIC |
| FC0071 | Fenhexamid      | <0.010 | mg/kg | VIC |
| FC0071 | Fenpyroximate   | <0.010 | mg/kg | VIC |
| FC0071 | Flubendiamide   | 0.011  | mg/kg | VIC |
| FC0071 | Imidacloprid    | <0.010 | mg/kg | VIC |
| FC0071 | Methomyl        | <0.010 | mg/kg | VIC |
| FC0071 | Prosulfocarb    | <0.010 | mg/kg | VIC |
| FC0071 | Pymetrozine     | <0.010 | mg/kg | VIC |
| FC0071 | Pyraclostrobin  | <0.010 | mg/kg | VIC |
| FC0071 | Pyrasulfatole   | <0.010 | mg/kg | VIC |
| FC0071 | Spinetoram      | <0.010 | mg/kg | VIC |
| FC0071 | Spinosad        | <0.010 | mg/kg | VIC |
| FC0071 | Spirotetramat   | <0.010 | mg/kg | VIC |
| FC0071 | Tebufozide      | <0.010 | mg/kg | VIC |
| FC0071 | Thiabendazole   | <0.010 | mg/kg | VIC |
| FC0071 | Thiacloprid     | <0.010 | mg/kg | VIC |
| FC0071 | Thiamethoxam    | <0.010 | mg/kg | VIC |
| FC0071 | Trifloxystrobin | <0.010 | mg/kg | VIC |
| FC0114 | Cadmium         | 0.021  | mg/kg | VIC |
| FC0114 | Lead            | <0.010 | 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.

| Signatories | Position           | Accreditation Category |
|-------------|--------------------|------------------------|
| Yin Tan     | Lab Supervisor     | Food Chemistry         |
| 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 Description "C3 Pesticide Screen" corresponds to analytical test method number FC0067

Test Description "C5 Pesticide Screen" corresponds to analytical test method number FC0071

**Test results are interpreted against MRLs stated in Australia New Zealand Food Standards Code Schedule 20, 21 & 22 however other interpretations may be possible (e.g. matrix interpretations).**

**All results are within Maximum Residue Limits (MRL) as outlined in the Australia New Zealand Food Standards Code (FSANZ Schedule 20, 21 & 22) unless otherwise stated.**

**When evaluating if results are within MRL the measurement of uncertainty associated with test results are not considered.**

**The recipients are advised to seek another expert opinion to evaluate the test results reported where significant consequence may arise.**

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