

# HOSELINK®

## Hoselink Plant-Health Product Analysis Report

| ITEMS                            | ABBREVIATION | UNIT    | RESULTS        | ANALYTICAL METHODS          |
|----------------------------------|--------------|---------|----------------|-----------------------------|
| Results of analysis as received: |              |         |                |                             |
| TOTAL NITROGEN                   | N            | % w/w   | <b>0.357</b>   | Dumas method, 7A5*          |
| TOTAL PHOSPHORUS                 | P            | % w/w   | <b>0.0692</b>  | Microwave digestion, ICPAES |
| TOTAL POTASSIUM                  | K            | % w/w   | <b>1.19</b>    | Microwave digestion, ICPAES |
| TOTAL SULPHUR                    | S            | % w/w   | <b>0.171</b>   | Microwave digestion, ICPAES |
| TOTAL CALCIUM                    | Ca           | % w/w   | <b>0.0731</b>  | Microwave digestion, ICPAES |
| TOTAL MAGNESIUM                  | Mg           | % w/w   | <b>0.0228</b>  | Microwave digestion, ICPAES |
| TOTAL SODIUM                     | Na           | % w/w   | <b>0.259</b>   | Microwave digestion, ICPAES |
| TOTAL IRON                       | Fe           | ppm w/w | <b>231</b>     | Microwave digestion, ICPAES |
| TOTAL MANGANESE                  | Mn           | ppm w/w | <b>4.25</b>    | Microwave digestion, ICPAES |
| TOTAL ZINC                       | Zn           | ppm w/w | <b>&lt; DL</b> | Microwave digestion, ICPAES |
| TOTAL COPPER                     | Cu           | ppm w/w | <b>1.5</b>     | Microwave digestion, ICPAES |
| TOTAL COBALT                     | Co           | ppm w/w | <b>0.254</b>   | Microwave digestion, ICPAES |
| TOTAL BORON                      | B            | ppm w/w | <b>62.9</b>    | Microwave digestion, ICPAES |
| TOTAL MOLYBDENUM                 | Mo           | ppm w/w | <b>0.149</b>   | Microwave digestion, ICPAES |
| pH                               |              |         | <b>10.4</b>    | Direct reading              |
| Electrical Conductivity          |              | µS/cm   | <b>7300</b>    | Direct reading              |
| TOTAL ORGANIC CARBON             | OC           | %       | <b>2.96</b>    | Method 6B2, LECO*           |
| CARBON / NITROGEN RATIO          | C/N          |         | <b>8.29</b>    | Calculation                 |
| TOTAL SOLIDS                     |              | %       | <b>7.53</b>    |                             |

DL = 0.0002

\* Rayment, G.E. & Lyons, D.J. (2011). Soil Chemical Methods - Australasia. CSIRO Publishing, 150 Oxford Street, Collingwood Vic 3066, Australia

DL = Detection Limit