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## CERTIFICATE OF ANALYSIS

**Product Code:** 37280322      **Date of Manufacture:** 03/30/2022  
**Certificate Number:** GB030222      **Date Certified:** 04/01/2022  
**Product Name:** GP3 BLOOM      **Storage Conditions:** 0-35°C  
**Hazards:** H316: Causes mild skin irritation  
H320: Causes eye irritation

The undersigned hereby certifies the following data to be true specification of the obtained results of tests and assays.

| Test   | Results            | Specifications   |
|--|--------------------|------------------|
| Appearance   | Clear, transparent | Conforms         |
| Solubility   | Complete in water  | Conforms         |
| Electrical Conductivity                              | 69.66 mS/cm        | 71.3 ± 4 mS/cm   |
| Acidity  | 3.83 pH            | 3.7 ± 0.4 pH     |
| Specific Gravity                                     | 1.156 g/ml         | 1.18 ± 0.03 g/ml |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) | 6.89 %             | 5.0 %            |
| Soluble Potash (K <sub>2</sub> O)                    | 4.37 %             | 4.0 %            |
| Magnesium (Mg)                                       | 1.78 %             | 1.5 %            |
| Sulfur (S)   | 2.27 %             | 2.0 %            |

### Heavy Metals

| Test            | Results      | Specifications |
|-----------------|--------------|----------------|
| Arsenic (As)    | <0.508 mg/kg | 112 mg/kg      |
| Cadmium (Cd)    | <0.496 mg/kg | 83 mg/kg       |
| Cobalt (Co)     | <0.432 mg/kg | 2,228 mg/kg    |
| Mercury (Hg)    | <0.005 mg/kg | 6 mg/kg        |
| Molybdenum (Mo) | <0.534 mg/kg | 300 mg/kg      |
| Nickel (Ni)     | <0.514 mg/kg | 1,900 mg/kg    |
| Lead (Pb)       | <0.622 mg/kg | 463 mg/kg      |
| Selenium (Se)   | <1.15 mg/kg  | 180 mg/kg      |
| Zinc (Zn)       | <5.88 mg/kg  | 2,900 mg/kg    |

Report Approved By:



Thomas Jones - Laboratory Manager

Approval

Date: 07/04/22

