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CERTIFICATE OF ANALYSIS

Product Code: 37080221 **Date of Manufacture:** 25/02/2021
Certificate Number: GB250221 **Date Certified:** 01/04/2020
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 | 72.84 mS/cm | 71.3 ± 4 mS/cm |
| Acidity | 3.63 pH | 3.7 ± 0.4 pH |
| Specific Gravity | 1.180 g/ml | 1.18 ± 0.03 g/ml |
| Available Phosphate (P ₂ O ₅) | 6.89 % | 5.0 % |
| Soluble Potash (K ₂ 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: 01/04/21

