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CERTIFICATE OF ANALYSIS

Product Code: 03500820 **Date of Manufacture:** 20/08/2020
Certificate Number: PG200820 **Date Certified:** 27/08/2020
Product Name: Plant Guard **Storage Conditions:** 0-35°C
Hazards: H315: Causes skin irritation
H319: Causes serious 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 | 23.78 mS/cm | 20.7 ± 2 mS/cm |
| Acidity | 11.09 pH | 11.9 ± 0.5 pH |
| Specific Gravity | 1.055 g/ml | 1.04 ± 0.02 g/ml |
| Soluble Potash (K ₂ O) | 3.35 % | 3.0 % |

Heavy Metals

| Test | Results | Specifications |
|-----------------|--------------|----------------|
| Arsenic (As) | <0.494 mg/kg | 13 mg/kg |
| Cadmium (Cd) | <0.482 mg/kg | 10 mg/kg |
| Cobalt (Co) | <0.420 mg/kg | 136 mg/kg |
| Mercury (Hg) | <0.005 mg/kg | 1 mg/kg |
| Molybdenum (Mo) | <0.519 mg/kg | 42 mg/kg |
| Nickel (Ni) | <0.500 mg/kg | 250 mg/kg |
| Lead (Pb) | <0.605 mg/kg | 61 mg/kg |
| Selenium (Se) | <1.12 mg/kg | 26 mg/kg |
| Zinc (Zn) | <5.72 mg/kg | 420 mg/kg |

Report Approved
By:


Thomas Jones - Laboratory Manager

Approval
Date: 27/08/2020

