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CERTIFICATE OF ANALYSIS

| | | | |
|----------------------------|--|-----------------------------|------------|
| Product Code: | 35090623 | Date of Manufacture: | 27/06/2023 |
| Certificate Number: | GG060218 | Date Certified: | 27/06/2023 |
| Product Name: | GP3 GROW | 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, blue | Conforms |
| Solubility | Complete in water | Conforms |
| Electrical Conductivity | 161.0 mS/cm | 156.8 ± 5 mS/cm |
| Acidity | 4.29 pH | 4.27 ± 0.2 pH |
| Specific Gravity | 1.04 g/ml | 1.143 ± 0.01 g/ml |
| Total Nitrogen (N) | 2.79 % | 2.0 % |
| Ammoniacal Nitrogen | 0.48 % | 0.25 % |
| Nitrate Nitrogen | 2.18 % | 1.75 % |
| Available Phosphate (P ₂ O ₅) | 1.33 % | 1.0 % |
| Soluble Potash (K ₂ O) | 6.74 % | 6.0 % |
| Magnesium (Mg) | 0.58 % | 0.5 % |
| Sulfur (S) | 1.23 % | 0.7 % |
| Copper (Cu) | 0.006 % | 0.006 % |
| Molybdenum (Mo) | 0.001 % | 0.0008 % |

Heavy Metals

| Test | Results | Specifications |
|-----------------|--------------|----------------|
| Arsenic (As) | <0.502 mg/kg | <13 mg/kg |
| Cadmium (Cd) | <0.490 mg/kg | <10 mg/kg |
| Cobalt (Co) | <0.427 mg/kg | <136 mg/kg |
| Mercury (Hg) | <0.005 mg/kg | <1 mg/kg |
| Molybdenum (Mo) | 12.8 mg/kg | <42 mg/kg |
| Nickel (Ni) | <0.508 mg/kg | <250 mg/kg |
| Lead (Pb) | <0.615 mg/kg | <61 mg/kg |
| Selenium (Se) | <1.14 mg/kg | <26 mg/kg |
| Zinc (Zn) | <5.81 mg/kg | <420 mg/kg |

Report Approved By:

Hussein Ramadan

Hussein Ramadan- Head of R&D and Lead Formulator

Approval

Date:

27/06/2023

