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## CERTIFICATE OF ANALYSIS

**Product Code:** 36270623      **Date of Manufacture:** 08/06/2023  
**Certificate Number:** 030621      **Storage Conditions:** 08/06/2023  
**Product Name:** GP3 Micro      **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                        | Burgundy          | Conforms          |
| Solubility                        | Complete in water | Conforms          |
| Electrical Conductivity           | 142.90 mS/cm      | 140.0 ± 10 mS/cm  |
| Acidity                           | 5.57 pH           | 5.7 ± 0.3 pH      |
| Specific Gravity                  | 1.22 g/ml         | 1.264 ± 0.05 g/ml |
| Total Nitrogen (N)                | 6.34 %            | 5.0 %             |
| Ammoniacal Nitrogen               | 0.74 %            | 0.5 %             |
| Nitrate Nitrogen                  | 6.27 %            | 4.5 %             |
| Soluble Potash (K <sub>2</sub> O) | 1.54 %            | 1.0 %             |
| Calcium (Ca)                      | 6.13 %            | 6.0 %             |
| Boron (B)                         | 0.015 %           | 0.01 %            |
| Cobalt (Co)                       | 7.99 ppm          | 5 ppm             |
| Copper (Cu)                       | 41 ppm            | 40 ppm            |
| Iron (Fe)                         | 0.11 %            | 0.1 %             |
| Manganese (Mn)                    | 0.051 %           | 0.05 %            |
| Molybdenum (Mo)                   | 8.17 ppm          | 8 ppm             |
| Zinc (Zn)                         | 0.025 %           | 0.025 %           |

### Heavy Metals

| Test            | Results      | Specifications |
|-----------------|--------------|----------------|
| Arsenic (As)    | <0.494 mg/kg | 112 mg/kg      |
| Cadmium (Cd)    | <0.482 mg/kg | 83 mg/kg       |
| Cobalt (Co)     | 7.99 mg/kg   | 2,228 mg/kg    |
| Mercury (Hg)    | <0.005 mg/kg | 6 mg/kg        |
| Molybdenum (Mo) | 8.17 mg/kg   | 300 mg/kg      |
| Nickel (Ni)     | 1.17 mg/kg   | 1,900 mg/kg    |
| Lead (Pb)       | <0.605 mg/kg | 463 mg/kg      |
| Selenium (Se)   | <1.12 mg/kg  | 180 mg/kg      |
| Zinc (Zn)       | 250 mg/kg    | 2,900 mg/kg    |

Report Approved By:

*Hussein Ramadan*

Hussein Ramadan – Head of R&D and lead Formulator

Approval

Date: 08/06/2023

