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## CERTIFICATE OF ANALYSIS

|                            |                                   |                             |            |
|----------------------------|-----------------------------------|-----------------------------|------------|
| <b>Product Code:</b>       | 37770824                          | <b>Date of Manufacture:</b> | 22/08/2024 |
| <b>Certificate Number:</b> |                                   | <b>Date Certified:</b>      | 22/08/2024 |
| <b>Product Name:</b>       | GP3 BLOOM                         | <b>Storage Conditions:</b>  | 0-35°C     |
| <b>Hazards:</b>            | 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.

| <b>Test</b>  | <b>Results</b>     | <b>Specifications</b> |
|--|--------------------|-----------------------|
| Appearance   | Clear, transparent | Conforms              |
| Solubility   | Complete in water  | Conforms              |
| Electrical Conductivity                              |                    | 71.3 ± 4 mS/cm        |
| Acidity  | 68.40 mS/cm        | 3.7 ± 0.4 pH          |
| Specific Gravity                                     | 3.06 pH            | 1.18 ± 0.03 g/ml      |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) | 1.160 g/ml         | 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

| <b>Test</b>     | <b>Results</b> | <b>Specifications</b> |
|-----------------|----------------|-----------------------|
| 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:

*Hussein Ramadan*

Approval

Date: 22/08/2024

Hussein Ramadan – Head of R&D and Lead Formulator

