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## CERTIFICATE OF ANALYSIS

|                     |                                                                  |                      |            |
|---------------------|------------------------------------------------------------------|----------------------|------------|
| Product Code:       | 37810125                                                         | Date of Manufacture: | 09/01/2025 |
| Certificate Number: |                                                                  | Date Certified:      | 09/01/2025 |
| Product Name:       | GP3 BLOOM                                                        | Storage Conditions:  | 0-35°C     |
| Hazards:            | H316: Causes mild skin irritation<br>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                              |                    | 71.3 ± 4 mS/cm   |
| Acidity                                              | 72.09 mS/cm        | 3.7 ± 0.4 pH     |
| Specific Gravity                                     | 3.80 pH            | 1.18 ± 0.03 g/ml |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) | 1.180 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

| 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:

*Hussein Ramadan*

Hussein Ramadan – Head of R&D and Lead Formulator

Approval

Date: 09/01/2025

