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## CERTIFICATE OF ANALYSIS

**Product Code:** 2166124      **Date of Manufacture:** 11/10/2024  
**Certificate Number:**      **Date Certified:** 11/10/2024  
**Product Name:** Massive      **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   | Amber, transparent | Conforms         |
| Solubility   | Complete in water  | Conforms         |
| Electrical Conductivity                              | 86.09 mS/cm        | 90 ± 10 mS/cm    |
| Acidity  | 4.60 pH            | 4.5 ± 0.5 pH     |
| Specific Gravity                                     | 1.08 g/ml          | 1.09 ± 0.03 g/ml |
| Total Nitrogen (N)                                   | 1.55 %             | 1.0 %            |
| Ammoniacal Nitrogen                                  | 0.26 %             | 0.1 %            |
| Nitrate Nitrogen                                     | 1.07 %             | 0.9 %            |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) | 3.5 %              | 2.0 %            |
| Soluble Potash (K <sub>2</sub> O)                    | 3.76 %             | 3.0 %            |
| Chelated Iron (Fe)                                   | 0.05 %             | 0.05 %           |
| Molybdenum (Mo)                                      | 0.0002 %           | 0.0002 %         |
| Molasses   | 0.1 %              | 0.1 %            |
| Yucca Schidigera                                     | 0.1 %              | 0.1 %            |

### Heavy Metals

| Test            | Results      | Specifications |
|-----------------|--------------|----------------|
| Arsenic (As)    | <0.498 mg/kg | 13 mg/kg       |
| Cadmium (Cd)    | <0.498 mg/kg | 10 mg/kg       |
| Cobalt (Co)     | <0.424 mg/kg | 136 mg/kg      |
| Mercury (Hg)    | <0.005 mg/kg | 1 mg/kg        |
| Molybdenum (Mo) | 2.13 mg/kg   | 2 mg/kg        |
| Nickel (Ni)     | <0.504 mg/kg | 250 mg/kg      |
| Lead (Pb)       | <0.610 mg/kg | 61 mg/kg       |
| Selenium (Se)   | <1.13 mg/kg  | 26 mg/kg       |
| Zinc (Zn)       | <5.76 mg/kg  | 420 mg/kg      |

Report Approved By:

*Hussein Ramadan*

Approval Date:

11/10/2024

Hussein Ramadan- Head of R&D and Lead Formulator

