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CERTIFICATE OF ANALYSIS

Product Code: 21520324 **Date of Manufacture:** 06/03/2024
Certificate Number: **Date Certified:** 06/03/2024
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 | 84.70 mS/cm | 90 ± 10 mS/cm |
| Acidity | 4.63 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 ₂ O ₅) | 3.5 % | 2.0 % |
| Soluble Potash (K ₂ 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:

06/03/2024

Hussein Ramadan- Head of R&D and Lead Formulator

