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CERTIFICATE OF ANALYSIS

Product Code: 26700922 Date of Manufacture: 14/09/2022
Certificate Number: MD100820 Date Certified: 14/09/2022
Product Name: Medi One Storage Conditions: 0-35°C
Hazards: N/A

The undersigned hereby certifies the following data to be true specification of the obtained results of tests and assays.

| Test | Results | Specifications |
|-----------------------------------|-------------------|------------------|
| Appearance | Brown, Viscous | Conforms |
| Solubility | Complete in water | Conforms |
| Electrical Conductivity | 69.0 mS/cm | 70 ± 10 mS/cm |
| Acidity | 3.55 pH | 3.8 ± 0.5 pH |
| Specific Gravity | 1.295 g/ml | 1.27 ± 0.03 g/ml |
| Total Nitrogen (N) | 4.0 % | 5.0 % |
| Water Soluble Nitrogen | 4.0 % | 0.15 % |
| Available Phosphate | 3.0 % | 4.75 % |
| Soluble Potash (K ₂ O) | 3.0 % | 1.0 % |
| Calcium (Ca) | 0.95 % | 5.0 % |
| Magnesium (Mg) | 0.6 % | |
| Sulfur | 2.0 % | |
| Boron (B) | 0.01 % | 0.03 % |
| Iron (Fe) | 0.08 % | 0.11 % |
| Manganese (Mn) | 0.05 % | 0.04 % |
| Zinc (Zn) | 0.02 % | 0.01 % |

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) | 8.38 mg/kg | <2,228 mg/kg |
| Mercury (Hg) | <0.005 mg/kg | <6 mg/kg |
| Molybdenum (Mo) | 7.80 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) | 202 mg/kg | <2,900 mg/kg |

Report Approved By:

Hussein Ramadan

Hussein Ramadan - Laboratory Manager

Approval

Date: 14/09/2022

