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## CERTIFICATE OF ANALYSIS

Product Code: 26670522 Date of Manufacture: 30/05/2022  
Certificate Number: MD100820 Date Certified: 30/05/2022  
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           | 77.67 mS/cm       | 70 ± 10 mS/cm    |
| Acidity                           | 3.84 pH           | 3.8 ± 0.5 pH     |
| Specific Gravity                  | 1.270 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 <sub>2</sub> 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: 30/05/2022

