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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 <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: 14/09/2022

