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CERTIFICATE OF ANALYSIS

Product Code: 26731022
Certificate Number: MD100820
Product Name: Medi One
Hazards: N/A

Date of Manufacture: 05/10/2022
Date Certified: 05/10/2022
Storage Conditions: 0-35°C

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	76.33 mS/cm	70 ± 10 mS/cm
Acidity	3.60 pH	3.8 ± 0.5 pH
Specific Gravity	1.30 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_2O)	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

Approval Date: 05/10/2022

Hussein Ramadan - Head of R&D and Lead formulator