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## CERTIFICATE OF ANALYSIS

<b>Product Code:</b>	21240223	<b>Date of Manufacture:</b>	01/03/2023
<b>Certificate Number:</b>		<b>Date Certified:</b>	01/03/2023
<b>Product Name:</b>	Massive	<b>Storage Conditions:</b>	0-35°C
<b>Hazards:</b>	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.

<b>Test</b>	<b>Results</b>	<b>Specifications</b>
Appearance	Amber, transparent	Conforms
Solubility	Complete in water	Conforms
Electrical Conductivity	90.23 mS/cm	90 ± 10 mS/cm
Acidity	4.50 pH	4.5 ± 0.5 pH
Specific Gravity	1.09 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 <sub>2</sub> O <sub>5</sub> )	3.5 %	2.0 %
Soluble Potash (K <sub>2</sub> 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

<b>Test</b>	<b>Results</b>	<b>Specifications</b>
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:

01/03/2023

Hussein Ramadan- Head of R&D and Lead Formulator

