

15374 - 103A Ave.
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CERTIFICATE OF ANALYSIS

Product Code:	21191022	Date of Manufacture:	01/11/2022
Certificate Number:		Date Certified:	01/11/2022
Product Name:	Massive	Storage Conditions:	0-35°C
Hazards:	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.

Test	Results	Specifications
Appearance	Amber, transparent	Conforms
Solubility	Complete in water	Conforms
Electrical Conductivity	91.15 mS/cm	90 ± 10 mS/cm
Acidity	4.43 pH	4.5 ± 0.5 pH
Specific Gravity	1.10 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 ₂ O ₅)	3.5 %	2.0 %
Soluble Potash (K ₂ 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

Test	Results	Specifications
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:

01/11/2022

Hussein Ramadan- Head of R&D and Lead Formulator

