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## CERTIFICATE OF ANALYSIS

<b>Product Code:</b>	35031222	<b>Date of Manufacture:</b>	22/12/2022
<b>Certificate Number:</b>	GG060218	<b>Date Certified:</b>	22/12/2022
<b>Product Name:</b>	GP3 GROW	<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	Clear, blue	Conforms
Solubility	Complete in water	Conforms
Electrical Conductivity	173.5 mS/cm	156.8 ± 5 mS/cm
Acidity	4.33 pH	4.27 ± 0.2 pH
Specific Gravity	1.150 g/ml	1.143 ± 0.01 g/ml
Total Nitrogen (N)	2.79 %	2.0 %
Ammoniacal Nitrogen	0.48 %	0.25 %
Nitrate Nitrogen	2.18 %	1.75 %
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	1.33 %	1.0 %
Soluble Potash (K <sub>2</sub> O)	6.74 %	6.0 %
Magnesium (Mg)	0.58 %	0.5 %
Sulfur (S)	1.23 %	0.7 %
Copper (Cu)	0.006 %	0.006 %
Molybdenum (Mo)	0.001 %	0.0008 %

### Heavy Metals

<b>Test</b>	<b>Results</b>	<b>Specifications</b>
Arsenic (As)	<0.502 mg/kg	<13 mg/kg
Cadmium (Cd)	<0.490 mg/kg	<10 mg/kg
Cobalt (Co)	<0.427 mg/kg	<136 mg/kg
Mercury (Hg)	<0.005 mg/kg	<1 mg/kg
Molybdenum (Mo)	12.8 mg/kg	<42 mg/kg
Nickel (Ni)	<0.508 mg/kg	<250 mg/kg
Lead (Pb)	<0.615 mg/kg	<61 mg/kg
Selenium (Se)	<1.14 mg/kg	<26 mg/kg
Zinc (Zn)	<5.81 mg/kg	<420 mg/kg

Report Approved By:

*Hussein Ramadan*

Hussein Ramadan- Head of R&D and Lead Formulator

Approval

Date:

22/12/2022

