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CERTIFICATE OF ANALYSIS

Product Code:		Date of Manufacture:	14/08/2024
Certificate Number:	35240824	Date Certified:	14/08/2024
Product Name:	GG060218 GP3 GROW	Storage Conditions:	14/08/2024 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	Clear, blue	Conforms
Solubility	Complete in water	Conforms
Electrical Conductivity	160.6 mS/cm	156.8 ± 5 mS/cm
Acidity	4.42 pH	4.27 ± 0.2 pH
Specific Gravity	1.14 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 ₂ O ₅)	1.33 %	1.0 %
Soluble Potash (K ₂ 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

Test	Results	Specifications
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 - Laboratory Manager

Approval

Date: 14/08/2024

