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## CERTIFICATE OF ANALYSIS

<b>Product Code:</b>	37401122	<b>Date of Manufacture:</b>	29/11/2022
<b>Certificate Number:</b>		<b>Date Certified:</b>	29/11/2022
<b>Product Name:</b>	GP3 BLOOM	<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, transparent	Conforms
Solubility	Complete in water	Conforms
Electrical Conductivity		71.3 ± 4 mS/cm
Acidity	68.34 mS/cm	3.7 ± 0.4 pH
Specific Gravity	4.09 pH	1.18 ± 0.03 g/ml
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	1.160 g/ml	5.0 %
Soluble Potash (K <sub>2</sub> O)	4.37 %	4.0 %
Magnesium (Mg)	1.78 %	1.5 %
Sulfur (S)	2.27 %	2.0 %

### Heavy Metals

<b>Test</b>	<b>Results</b>	<b>Specifications</b>
Arsenic (As)	<0.508 mg/kg	112 mg/kg
Cadmium (Cd)	<0.496 mg/kg	83 mg/kg
Cobalt (Co)	<0.432 mg/kg	2,228 mg/kg
Mercury (Hg)	<0.005 mg/kg	6 mg/kg
Molybdenum (Mo)	<0.534 mg/kg	300 mg/kg
Nickel (Ni)	<0.514 mg/kg	1,900 mg/kg
Lead (Pb)	<0.622 mg/kg	463 mg/kg
Selenium (Se)	<1.15 mg/kg	180 mg/kg
Zinc (Zn)	<5.88 mg/kg	2,900 mg/kg

Report Approved By:

*Hussein Ramadan*

Approval

Date: 29/11/2022

Hussein Ramadan – Head of R&D and Lead Formulator

