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CERTIFICATE OF ANALYSIS

Product Code: 18870123 **Date of Manufacture:** 17/01/2023
Certificate Number: GPH140219 **Date Certified:** 17/01/2023
Product Name: GPH **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	Black, Viscous	Conforms
Solubility	Complete in water	Conforms
Electrical Conductivity	11.20 mS/cm	10 ± 2 mS/cm
Acidity	9.14 pH	9.0 ± 0.5 pH
Specific Gravity	1.024 g/ml	1.02 ± 0.01 g/ml
Soluble Potash (K ₂ O)	1.23 %	1.0 %
Humic Acid	6.0 %	6.0 %

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)	<0.498 mg/kg	8 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: 17/01/2023

Hussein Ramadan - Head of R&D and lead Formulator

