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## CERTIFICATE OF ANALYSIS

**Product Code:** 03691022      **Date of Manufacture:** 27/10/2022  
**Certificate Number:** PG190220      **Date Certified:** 27/10/2022  
**Product Name:** Plant Guard      **Storage Conditions:** 0-35°C  
**Hazards:** H315: Causes skin irritation  
H319: Causes serious 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/transparent	Conforms
Solubility	Complete in water	Conforms
Electrical Conductivity	21.39 mS/cm	20.7 ± 2 mS/cm
Acidity	11.34 pH	11.9 ± 0.5 pH
Specific Gravity	1.050 g/ml	1.04 ± 0.005 g/ml
Soluble Potash (K <sub>2</sub> O)	3.35 %	3.0 %

### Heavy Metals

Test	Results	Specifications
Arsenic (As)	<0.494 mg/kg	13 mg/kg
Cadmium (Cd)	<0.482 mg/kg	10 mg/kg
Cobalt (Co)	<0.420 mg/kg	136 mg/kg
Mercury (Hg)	<0.005 mg/kg	1 mg/kg
Molybdenum (Mo)	<0.519 mg/kg	42 mg/kg
Nickel (Ni)	<0.500 mg/kg	250 mg/kg
Lead (Pb)	<0.605 mg/kg	61 mg/kg
Selenium (Se)	<1.12 mg/kg	26 mg/kg
Zinc (Zn)	<5.72 mg/kg	420 mg/kg

Report Approved  
By:

*Hussein Ramadan*

Approval  
Date: 27/10/2022

Hussein Ramadan - Head of R&D and lead Formulator

