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## CERTIFICATE OF ANALYSIS

**Product Code:** 05220823      **Date of Manufacture:** 17/08/2023  
**Certificate Number:** RT190721      **Date Certified:** 17/08/2023  
**Product Name:** RootBuilder      **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	Pink/Opaque	Conforms
Solubility	Complete in water	Conforms
Electrical Conductivity	40.22 mS/cm	44 ± 4 mS/cm
Acidity	4.42 pH	5.6 ± 0.5 pH
Specific Gravity	1.01 g/ml	1.020 ± 0.005 g/ml

### 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*

Hussein Ramadan-Head of R&D and Lead Formulator

Approval  
Date: 17/08/2023

