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CERTIFICATE OF ANALYSIS

Product Code: 05200223 **Date of Manufacture:** 24/03/2023
Certificate Number: RT190721 **Date Certified:** 24/03/2023
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 | 38.52 mS/cm | 44 ± 4 mS/cm |
| Acidity | 5.87 pH | 5.6 ± 0.5 pH |
| Specific Gravity | 1.02 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: 24/03/2023

