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CERTIFICATE OF ANALYSIS

Product Code: 22911222 Date of Manufacture: 07/12/2022
Certificate Number: PC109221 Date Certified: 07/12/2022
Product Name: Pro Cal 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	Yellow/Orange, transparent	Conforms
Solubility	Complete in water	Conforms
Electrical Conductivity		100 ± 10 mS/cm
Acidity	92.83 mS/cm	3.2 ± 0.4 pH
Specific Gravity	3.41 pH	1.1 ± 0.03 g/ml
Total Nitrogen (N)	1.10 g/ml	2.0 %
Nitrate Nitrogen	2.31 %	2.0 %
Calcium (Ca)	2.23 %	1.5 %
Boron (B)	1.78 %	0.02 %
Copper (Cu)	0.02 %	1 ppm
Iron (Fe)	1.29 ppm	0.05 %
Manganese (Mn)	0.06 %	0.02 %
Zinc (Zn)	0.02 %	0.02 %

Heavy Metals

Test	Results	Specifications
Arsenic (As)	<0.498 mg/kg	112 mg/kg
Cadmium (Cd)	<0.486 mg/kg	83 mg/kg
Cobalt (Co)	<0.424 mg/kg	2,228 mg/kg
Mercury (Hg)	<0.005 mg/kg	6 mg/kg
Molybdenum (Mo)	<0.524 mg/kg	300 mg/kg
Nickel (Ni)	<0.504 mg/kg	1,900 mg/kg
Lead (Pb)	<0.610 mg/kg	463 mg/kg
Selenium (Se)	<1.13 mg/kg	180 mg/kg
Zinc (Zn)	236 mg/kg	2,900 mg/kg

Report Approved
By:

Hussein Ramadan

Approval

Date: 07/12/2022

Hussein Ramadan – Head of R&D and Lead Formulator

