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CERTIFICATE OF ANALYSIS

Product Code: 22130923 **Date of Manufacture:** 12/09/2023
Certificate Number: PC109221 **Date Certified:** 12/09/2023
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	91.70 mS/cm	100 ± 10 mS/cm
Acidity	2.97 pH	3.2 ± 0.4 pH
Specific Gravity	1.08 g/ml	1.1 ± 0.03 g/ml
Total Nitrogen (N)	2.31 %	2.0 %
Nitrate Nitrogen	2.23 %	2.0 %
Calcium (Ca)	1.78 %	1.5 %
Boron (B)	0.02 %	0.02 %
Copper (Cu)	1.29 ppm	1 ppm
Iron (Fe)	0.06 %	0.05 %
Manganese (Mn)	0.02 %	0.02 %
Magnesium (Mg)	0.5 %	0.5 %
Zinc (Zn)	0.03%	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: 12/09/2023

Hussein Ramadan – Head of R&D and Lead Formulator

