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CERTIFICATE OF ANALYSIS

Product Code: 22110723 **Date of Manufacture:** 25/07/2023
Certificate Number: PC109221 **Date Certified:** 25/07/2023
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 | 90.54 mS/cm | 100 ± 10 mS/cm |
| Acidity | 3.47 pH | 3.2 ± 0.4 pH |
| Specific Gravity | 1.10 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 % |
| 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: 25/07/2023

Hussein Ramadan – Head of R&D and Lead Formulator

