

15374 - 103A Ave.  
Surrey, BC  
Canada  
V3R 7A2

Tel: (604) 580-1287  
Fax: (604) 580-2375

## CERTIFICATE OF ANALYSIS

|                     |                                     |                      |            |
|---------------------|-------------------------------------|----------------------|------------|
| Product Code:       | 03820325                            | Date of Manufacture: | 10/03/2025 |
| Certificate Number: | PG190220                            | Date Certified:      | 10/03/2025 |
| Product Name:       | Plant Guard                         | 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                        | Clear/transparent | Conforms          |
| Solubility                        | Complete in water | Conforms          |
| Electrical Conductivity           | 23.72 mS/cm       | 20.7 ± 2 mS/cm    |
| Acidity                           | 10.80 pH          | 11.9 ± 0.5 pH     |
| Specific Gravity                  | 1.04 g/ml         | 1.04 ± 0.005 g/ml |
| Soluble Potash (K <sub>2</sub> O) | 3.35 %            | 3.0 %             |

### 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: 10/03/2024

