

## CERTIFICATE OF ANALYSIS

<b>Product Code:</b>	Free Sample	<b>Date of Manufacture</b>	18/12/2023
<b>Certificate Number</b>	Free Sample	<b>Date Certified</b>	04/01/2024
<b>Product Name</b>	HORTI CAL	<b>Storage Conditions</b>	Store in a cool dry area.

### TEST RESULTS

#### Physical Properties

	Results	Specifications
Appearance	White granular	Meets requirements
Solubility	Complete in water	Meets requirements
Electrical Conductivity		mS / cm
Acidity		5.8 pH
Specific gravity		1 g / ml
<b>Nutrients</b>		
Total Nitrogen (N)		14.0 %
Ammoniacal nitrogen		
Nitrate Nitrogen		14.0 %
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )		
Soluble Potash (K <sub>2</sub> O)		
Calcium (Ca)		14.8 %
Magnesium (Mg)		2.0 %
Sulphur (S)		
Boron (B)		
Copper (Cu)		
Iron (Fe)		
Manganese (Mn)		
Molybdenum (Mo)		
Zinc (Zn)		

#### Heavy Metals

Test	Results	Specifications
Arsenic		< 195 mg / kg
Cadmium		< 150 mg / kg
Cobalt		< 2228 mg / kg
Mercury		< 915 mg / kg
Molybdenum		< 15 mg / kg
Nickel		< 630 mg / kg
Lead		< 3750 mg / kg
Selenium		< 390 mg / kg
Zinc		< 6300 mg / kg

Certified by:

*Hussein Ramadan*

Approval date: 04/01/2024

Hussein Ramadan – Head of R&D and Lead Formulator