

## 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 GROW	<b>Storage Conditions</b>	Store in a cool dry area.

### TEST RESULTS

#### Physical Properties

	Results	Specifications
Appearance	Off white powder	Meets requirements
Solubility	Complete in water	Meets requirements
Electrical Conductivity		mS / cm
Acidity		5.48 pH
Specific gravity		1 g / ml

#### **Nutrients**

Total Nitrogen (N)		8.0 %
Ammoniacal nitrogen		3.0 %
Nitrate Nitrogen		5.0 %
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )		11.0 %
Soluble Potash (K <sub>2</sub> O)		21.0 %
Calcium (Ca)		
Magnesium (Mg)		2.5 %
Sulphur (S)		5.5 %
Boron (B)		0.06 %
Copper (Cu)		0.02 %
Iron (Fe)		0.3 %
Manganese (Mn)		0.09 %
Molybdenum (Mo)		0.009 %
Zinc (Zn)		0.02 %

#### Heavy Metals

Test	Results	Specifications
Arsenic		< 143 mg / kg
Cadmium		< 110 mg / kg
Cobalt		< 2228 mg / kg
Mercury		< 11 mg / kg
Molybdenum		< 462 mg / kg
Nickel		< 2750 mg / kg
Lead		< 671 mg / kg
Selenium		< 286 mg / kg
Zinc		< 4620 mg / kg

Certified by:

*Hussein Ramadan*

Approval date: 04/01/2024

Hussein Ramadan – Head of R&D and Lead Formulator