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## CERTIFICATE OF ANALYSIS

**Product Code:** 04160124      **Date of Manufacture:** 10/01/2024  
**Certificate Number:** VT121221      **Date Certified:** 10/01/2024  
**Product Name:** VitaThrive      **Storage Conditions:** 0-35°C  
**Hazards:** H316: Causes mild skin irritation  
H320: Causes 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/transparent	Conforms
Solubility	Complete in water	Conforms
Electrical Conductivity		30 ± 5 mS/cm
Acidity	28.84 mS/cm	5.0 ± 0.3 pH
Specific Gravity	5.15 pH	1.020 ± 0.02 g/ml
Total Nitrogen (N)	1.020 g/ml	0.0 %
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	0.15 %	0.0 %
Soluble Potash (K <sub>2</sub> O)	0.03 %	1.0 %
	1.35 %	

### 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: 10/01/2024

