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## CERTIFICATE OF ANALYSIS

**Product Code:** 04220724      **Date of Manufacture:** 16/07/2024  
**Certificate Number:** VT121221      **Date Certified:** 16/07/2024  
**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  | 28.06 mS/cm        | 5.0 ± 0.3 pH      |
| Specific Gravity                                     | 5.13 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: 16/07/2024

