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CERTIFICATE OF ANALYSIS

Product Code: 33610822 **Date of Manufacture:** 25/08/2022
Certificate Number: HFBB200421 **Date Certified:** 25/08/2022
Product Name: HF Bloom B **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 | Clear, blue | Conforms |
| Solubility | Complete in water | Conforms |
| Electrical Conductivity | 101.2 mS/cm | 115 ± 10 mS/cm |
| Acidity | 4.02 pH | 3.8 ± 0.3 pH |
| Specific Gravity | 1.140 g/ml | 1.17 ± 0.03 g/ml |
| Available Phosphate (P ₂ O ₅) | 4.33 % | 4.0 % |
| Soluble Potash (K ₂ O) | 5.74 % | 5.0 % |
| Magnesium (Mg) | 0.58 % | 0.5 % |
| Sulfur (S) | 1.23 % | 0.75 % |

Heavy Metals

| Test | Results | Specifications |
|-----------------|--------------|----------------|
| Arsenic (As) | <0.502 mg/kg | <13 mg/kg |
| Cadmium (Cd) | <0.490 mg/kg | <10 mg/kg |
| Cobalt (Co) | <0.427 mg/kg | <136 mg/kg |
| Mercury (Hg) | <0.005 mg/kg | <1 mg/kg |
| Molybdenum (Mo) | 12.8 mg/kg | <42 mg/kg |
| Nickel (Ni) | <0.508 mg/kg | <250 mg/kg |
| Lead (Pb) | <0.615 mg/kg | <61 mg/kg |
| Selenium (Se) | <1.14 mg/kg | <26 mg/kg |
| Zinc (Zn) | <5.81 mg/kg | <420 mg/kg |

Report Approved By:

Hussein Ramadan

Hussein Ramadan - Laboratory Manager

Approval

Date: 25/08/22

