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## CERTIFICATE OF ANALYSIS

**Product Code:** 40590922 **Date of Manufacture:** 27/09/2022  
**Certificate Number:** F2300621 **Date Certified:** 27/09/2022  
**Product Name:** Dual Fuel 2 **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	Colorless/transparent	Conforms
Solubility	Complete in water	Conforms
Electrical Conductivity		110 ± 5 mS/cm
Acidity	106.60 mS/cm	3.8 ± 0.3 pH
Specific Gravity	3.77 pH	1.20 ± 0.05 g/ml
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	1.192 g/ml 3.18 %	3.0 %
Soluble Potash (K <sub>2</sub> O)	6.68 %	6.0 %
Magnesium (Mg)	1.68 %	1.5 %
Sulfur (S)	2.8 %	2.5 %

### Heavy Metals

Test	Results	Specifications
Arsenic (As)	<0.490 mg/kg	<13 mg/kg
Cadmium (Cd)	<0.479 mg/kg	<10 mg/kg
Cobalt (Co)	<0.417 mg/kg	<136 mg/kg
Mercury (Hg)	<0.005 mg/kg	<1 mg/kg
Molybdenum (Mo)	8.78 mg/kg	<42 mg/kg
Nickel (Ni)	<0.496 mg/kg	<250 mg/kg
Lead (Pb)	<0.600 mg/kg	<61 mg/kg
Selenium (Se)	<1.11 mg/kg	<26 mg/kg
Zinc (Zn)	<5.68 mg/kg	<420 mg/kg

Report Approved  
By:

*Hussein Ramadan*  
Hussein Ramadan- Head of R&D and Lead Formulator

Approval  
Date: 27/09/2022

