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CERTIFICATE OF ANALYSIS

Product Code: 14180123 **Date of Manufacture:** 18/01/2023
Certificate Number: PK080721 **Date Certified:** 18/01/2023
Product Name: PK SPIKE **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, transparent	Conforms
Solubility	Complete in water	Conforms
Electrical Conductivity	157.8 mS/cm	150 ± 10 mS/cm
Acidity	7.93 pH	7.6 ± 0.2 pH
Specific Gravity	1.30 g/ml	1.3 ± 0.04 g/ml
Available Phosphate (P ₂ O ₅)	14.3 %	14.0 %
Soluble Potash (K ₂ O)	15.2 %	15.0 %

Heavy Metals

Test	Results	Specifications
Arsenic (As)	<0.508 mg/kg	112 mg/kg
Cadmium (Cd)	<0.496 mg/kg	83 mg/kg
Cobalt (Co)	<0.432 mg/kg	2,228 mg/kg
Mercury (Hg)	<0.005 mg/kg	6 mg/kg
Molybdenum (Mo)	<0.534 mg/kg	300 mg/kg
Nickel (Ni)	<0.514 mg/kg	1,900 mg/kg
Lead (Pb)	<0.622 mg/kg	463 mg/kg
Selenium (Se)	<1.15 mg/kg	180 mg/kg
Zinc (Zn)	<5.88 mg/kg	2,900 mg/kg

Report Approved By:

Hussein Ramadan

Hussein Ramadan - Laboratory Manager

Approval

Date: 18/01/23

