

15374 - 103A Ave.
Surrey, BC
Canada
V3R 7A2

Tel: (604) 580-1287
Fax: (604) 580-2375

CERTIFICATE OF ANALYSIS

Product Code:	32471220	Date of Manufacture:	23/12/2020
Certificate Number:	HFBA231220	Date Certified:	08/01/2021
Product Name:	HF Bloom A	Storage Conditions:	0-35°C
Hazards:	H315: Causes skin irritation		
	H319: Causes serious 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	Burgundy	Conforms
Solubility	Complete in water	Conforms
Electrical Conductivity	165.1 mS/cm	160 ± 10 mS/cm
Acidity	4.23 pH	4.3 ± 0.3 pH
Specific Gravity	1.240 g/ml	1.22 ± 0.04 g/ml
Total Nitrogen (N)	4.72 %	4.0 %
Ammoniacal Nitrogen	0.44 %	0.2 %
Nitrate Nitrogen	4.34 %	3.8 %
Soluble Potash (K ₂ O)	4.0 %	3.0 %
Calcium (Ca)	3.24 %	3.0 %
Boron (B)	0.03 %	0.02 %
Cobalt (Co)	8.2 ppm	8 ppm
Iron (Fe)	0.12 %	0.1 %
Manganese (Mn)	0.05 %	0.05 %
Molybdenum (Mo)	8.61 ppm	8 ppm
Zinc (Zn)	0.0118 %	0.01 %

Heavy Metals

Test	Results	Specifications
Arsenic (As)	<0.494 mg/kg	112 mg/kg
Cadmium (Cd)	<0.482 mg/kg	83 mg/kg
Cobalt (Co)	7.99 mg/kg	2,228 mg/kg
Mercury (Hg)	<0.005 mg/kg	6 mg/kg
Molybdenum (Mo)	8.17 mg/kg	300 mg/kg
Nickel (Ni)	1.17 mg/kg	1,900 mg/kg
Lead (Pb)	<0.605 mg/kg	463 mg/kg
Selenium (Se)	<1.12 mg/kg	180 mg/kg
Zinc (Zn)	250 mg/kg	2,900 mg/kg

Report Approved By:



Thomas Jones - Laboratory Manager

Approval

Date: 08/01/21

