



CERTIFICATE OF ANALYSIS

Product	Batch Number	Production date	Exp. Date
Soluble Seaweed Extract	FO2010487Q	August 19, 2020	August 19, 2023

TEST	SPECIFICATION	RESULT
Appearance	brown flake	Conforms
Odor	seaweed	Conforms
Solubility in Water	≥ 99% Soluble	Conforms
pH	9.5-10.5	9.92
Organic Matter	≥ 50%	51.62%
Nitrogen (N)	1%	0.86%
Phosphorus (P ₂ O ₅)	≥ 0.4%	0.91%
Potash (K ₂ O)	14%	17.22%
Amino Acids	1.5%	1.62%
Moisture	5%	4.36%
Alginic acid	≥ 18%	18.31%
Sulphur (S)	≥ 1%	2.32%
Calcium (Ca)	0.3-0.6%	0.32%
Arsenic	ND	ND
Magnesium (Mg)	0.15-0.2%	0.28%
Aluminum (Al)	10-50 ppm	29 ppm
Boron (B)	≥24 ppm	131 ppm
Cobalt (Co)	1-5 ppm	1.69 ppm
Iron (Fe)	> 0.4%	0.63%
Iodine (I)	500-850 ppm	536 ppm
Manganese (Mn)	25-45 ppm	21 ppm
Cadmium (Cd)	Max. 3 ppm	0.41 ppm
Copper (Cu)	Max. 20 ppm	11 ppm
Nickel (Ni)	Max. 3 ppm	0.71 ppm
Zinc (Zn)	Max. 100 ppm	91 ppm