



Certificate of Analysis

Product Name: 20% Seaweed Extract
 Test Date: Jan. 23th, 2025

Test Quantity: 500g
 Batch No.: JFHA20240123

Tested Results

ITEMS	Standard(%w/w)	RESULTS(%w/w)
Appearance	Black	Black
Solubility in water (N)	100%w/w	100%w/w
PH (N)	8-11	8-11
Organic Matter	≥50% w/w	50.5% w/w
Alginic acid (N)	≥20% w/w	20.3% w/w
Seaweed polysaccharides	≥35% w/w	35.4% w/w
Mannitol	≥3% w/w	3.1% w/w
Amino acids	≥1.5% w/w	1.7% w/w
Betaine	≤45ppm w/w	15ppm w/w
Nitrogen(N)	≥0.5% w/w	0.6% w/w
Phosphorus(P2O5)	≥2% w/w	2.1% w/w
Potassium(K2O) (N)	≥20%w/w	20.54%w/w
Sulphur(S)	≤1.5%w/w	0.5%w/w
Magnesium(Mg)	≤0.4% w/w	0.1% w/w
Sodium(Na)	≤2%w/w	0.4%w/w
Moisture(H2O)	≤5%w/w	3.4%w/w
Boron(B)	75-150ppm	86ppm
Indole Acetic acid(IAA)	30-100ppm	43ppm
Iron(Fe)	75-250ppm	140ppm
Iodine(I)	≤600ppm	200ppm
Manganese(Mn)	8-15ppm	9ppm
Cytokinin(CTK)	≤200ppm	56ppm
Gibberellin	≤100ppm	74ppm
Zinc(Zn)	≤50ppm	34ppm
Copper(Cu)	≤10ppm	4ppm
Plumbum(Pb)	≤50ppm	20ppm
Chromium(Cr)	≤50ppm	15ppm
Cadmium(Cd)	≤10ppm	≤4ppm
Hydrargyrum(Hg)	≤5ppm	≤2ppm
Conclusion	Qualified	
Packages: 100g-200g-250g-300g-500g-1kg-5kg-10kg-20kg-25kg		

Test: Wei Juan



Checker: Li Xinping

Director: Qiao Guang

