



## Certificate of Analysis

Product Name: 12% Seaweed Extract  
 Test Date: DEC 12<sup>th</sup>, 2023

Test Quantity: 500g  
 Batch No.: JFHA20231204-TCHEM

### Tested Results

ITEMS	Standard (%w/w)	RESULTS(%w/w)
Appearance	Black Flakes	Black Flakes
Solubility in water (N)	100%w/w	100%w/w
PH (N)	8-11	9.6
Organic Matter (N)	≥50% w/w	51.26% w/w
Alginic acid	≥12% w/w	12.1% w/w
Total Seaweed polysaccharides	≥25% w/w	25% w/w
Mannitol	≥3% w/w	3.51% w/w
Amino acids	≥2.1% w/w	2.12% w/w
Betaine	≥0.3% w/w	0.34% w/w
Nitrogen(N)	≥1% w/w	1.16% w/w
Phosphorus(P2O5)	≥1% w/w	1.24% w/w
Potassium(K2O) (N)	≥10%-12% w/w	11.5% w/w
Sulphur(S)	≤1.5%w/w	1.31%w/w
Magnesium(Mg)	≥0.4% w/w	0.34 w/w
Sodium(Na)	≤1.5%w/w	1.21w/w
Moisture(H2O)	≤5%w/w	5%w/w
Boron(B)	75-150ppm	76.4ppm
Indole Acetic acid(IAA)	30-90ppm	64ppm
Iron(Fe)	75-200ppm	106ppm
Iodine(I)	≤400ppm	250ppm
Manganese(Mn)	8-10ppm	9ppm
Cytokinin(CTK)	≤200ppm	103ppm
Gibberellin	≤100ppm	76ppm
Zinc(Zn)	≤50ppm	41ppm
Copper(Cu)	≤10ppm	4ppm
Plumbum(Pb)	≤50ppm	12ppm
Cadmium(Cd)	≤10ppm	3ppm
Hydrargyrum(Hg)	≤5ppm	2ppm
Conclusion	Qualified	Qualified

Packages: 100g-200g-250g-300g-500g-1kg-5kg-10kg-20kg-25kg

Test: Wei Juan

Checker: Li Xinping

Director: Qiao Guang

