



Hoja de Datos Tecnicos

TBIO Seafer 100 (Pure Natural Seaweed extracts)

Physical Properties	Chemical Properties	Elements	AminoGram (+/- 5 %)		Heavy Metals
Form: Powder / Flake	Total Organic Matter: 50 %	Fe: 0.5 – 0.8 %	Met: 0.01 %	Asp: 0.08 %	As : 1.0 ppm
Color: Dark Brown	Alginate Acid: 16 %	Mg: 0.2 – 0.5 %	Ile: 0.04 %	Thr: 0.05 %	Pb: 15.0 ppm
Smell: Seaweed Odor	Total Amino Acid: 2 %	Ca: 1.0 – 1.5 %	Leu: 0.07 %	Ser: 0.02 %	Cd: 2.0 ppm
Water Solubility at 20°C: Completely	Potassium (as K2O): 16 %	I: 0.01 – 0.02 %	Tyr: 0.02 %	Glu: 0.11 %	Cr: 2.0 ppm
pH(10% solution at 20°C): 8.0 – 11.0	Nitrogen: 1 % +/- 5 %	S: 1.0 – 2.0 %	Phe: 0.04 %	Gly: 0.06 %	Hg: N/A
Moisture: 5 %	Phosphorus(as P2O5): 0.5 % +/- 5 %	Na: 5 % +/- 5 %	Lys: 0.02 %	Ala: 0.12 %	
Bulk Density: 0.45 - 0.55 g/cm ³	Mannitol: 3 % +/- 5 %	Se: 2.0 – 3.0 ppm	His: 0.02 %	Val: 0.05 %	
Stability: stable under light	Cytokinin: 150-300 ppm	Mn: 20.0 – 25.0 ppm	Arg: 2.19 %	Trp: N/A	
	Betaine: 200-300 ppm	B: 20.0 – 30.0 ppm	Pro: 0.02 %	Cal: N/A	
	Auxine: 150-180 ppm	Mo: 5.0 – 10.0 ppm			
		Zn: 20.0 – 25.0 ppm			

General Information

TBIO Seafer 100 extracted from fresh *Ascophyllum nodosum*, which are natural, non-toxic, harmless and non-polluting, and rich in minor elements and natural growth hormones.

Packaging and storage

Available in 1Kg, 5Kg, 10Kg, 20Kg bag or 600Kg bulk bag

To be stored in a dry, clean, dark, well ventilated, moisture proof place. When stored under normal conditions in original unopened containers, no change of its physical, chemical and biological properties will occur in a minimum of 2 years.

* **Caution:** Due to Product Natural Origin, we strongly recommend before to be used to run compatibility test with other ingredients that are going to be Mixed and / or Formulated. TBIO CROP SCIENCE, will not be liable under any circumstances, for their behavior in the above mentioned mixtures and / or formulations, or the consequences of using the Products.