SEAWEED EXTRACTS

Seaweed Extract Flake 18%

Product code SH-SW-03F · Supersedes SH-TDS-SW-03F-EN-v1.0

≥ 18.0%	≥ 18.0%	≥ 45.0%
ALGINIC ACID	POTASSIUM AS K_2O	ORGANIC MATTER

01 PRODUCT OVERVIEW

Seaweed extract obtained from brown seaweed (Ascophyllum nodosum) by alkaline extraction. This grade is supplied as black flakes, micro granules or powder and is water soluble.

02 TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PARAMETER	TYPICAL VALUE	TEST METHOD
Appearance	**Black flakes / micro granule / powder**	Visual
Alginic acid	**≥ 18.0%**	NY/T 2266-2012
Organic matter	**≥ 45.0%**	Supplier method
Algal polysaccharides	**≥ 30.0%**	Supplier method
Potassium as K_2O	**≥ 18.0%**	Supplier method
Amino acids	**≥ 1.5%**	Supplier method
Nitrogen (N)	**≥ 0.5%**	Supplier method
Phosphorus as P_2O_5	**≥ 2.0%**	Supplier method
Water solubility	**100%**	Supplier method
Moisture	**≤ 5.0%**	Supplier method
pH	**8.0 – 11.0**	Supplier method
Lead (Pb)	**≤ 50 mg/kg**	Supplier method
Cadmium (Cd)	**≤ 1.5 mg/kg**	Supplier method
Mercury (Hg)	**≤ 1 mg/kg**	Supplier method

Typical values, not a specification. Batch results are stated on the Certificate of Analysis (COA) issued with each shipment. "To be confirmed" means the value is under review.

03 INTENDED USES AND APPLICATION

- Foliar and fertigation formulations
- Ingredient for water-soluble and organic fertilizers

Application rates depend on crop, soil and formulation. Please contact us for technical guidance and run a small-scale trial before large-scale use.

04 PACKAGING, STORAGE AND DOCUMENTS

PACKAGING 1 / 5 / 10 / 20 / 25 kg bags with inner PE liner; 1,000–1,100 kg jumbo bag; custom packaging on request
STORAGE Cool, dry, well-ventilated place in the original closed packaging; protect from moisture; reseal opened bags.
SHELF LIFE 24 months in original, unopened packaging
DOCUMENTS Safety Data Sheet (SDS) and batch Certificate of Analysis (COA) available on request.

The information in this Technical Data Sheet is given in good faith for reference. Users should determine the suitability of the product for their own application and comply with the regulations of the destination market. For safety information, refer to the Safety Data Sheet (SDS) of this grade.