



## TECHNICAL DATA SHEET

ITEM: SEAWEED OLIGOSACCHARIDE

REPORT NO.: NMBO-S10802

BATCH NO.: NMBO240815

TEST QUANTITY: 300mL

MANUFACTURING DATE: 2024-08-15

TEST DATE: 2024-08-16

### [SPECIFICATIONS]

Ingredients	Content
Alginic Acid.....	≥150g/L
PH.....	5.0 - 8.0
Polysaccharide.....	≥100g/L
Appearance.....	Brown Liquid

### [DESCRIPTION]

- Seaweed Oligosaccharide is a small molecule fragment of alginic acid degraded by enzymes.
- The multi-step enzymatic method is used to degrade alginate into 3-8 small molecule oligosaccharides, and Brown Seaweed Oligosaccharide has been proved to be an important signaling molecule in plants, known as "new plant vaccine", with 10 times higher activity than alginic acid, which is called "torn alginate" by people in the industry.

### [APPLICATION METHODS]

Foliar spraying	Flushing, Drip irrigation	Compounding with fertilizers
Dilute 800-1000 times	2-5kg/ha	Recommended dosage in water soluble fertilizer 200-600kg/ton , other fertilizers are adjusted according to the formulation.

### [PRODUCT EFFECTIVENESS]

- ✓ As a raw material in water soluble fertilizers, it is an ideal fertilizer additive.
- ✓ Low molecular weight, good water solubility, good compatibility and wide range of bioactive advantages.
- ✓ Complete retention of all active substances necessary for plant growth, direct absorption, full utilization.
- ✓ Rich and comprehensive nutrition, high content of active ingredients required for plant growth and development.

### [ATTENTIONS]

This product has good solubility (except strong alkali and acid), and can be used with most pesticides and fertilizers to enhance the effect, especially with microbial fertilizers. However, do not compound or use it with fertilizers or substances containing calcium. When used with acidic fertilizers or pesticides, ratio test should be carried out first.

