

NSPS III[®] – Expo Polysaccharides with Gelling agent- Product Specification

Organism (origin of product) : *Porphyridium cruentum* (UTEX161)
Microalgae.

Appearance: Beige Gel.

Ingredients: Expo-Polysaccharide from microalga Porphyridium Cruentum with the microalga extraction immersed in Amigum Gelling agent (CAS # 394-64-87-4, EINECS No. 254-464-6). Mixture ratio (**Porphyridium Polysaccharides Gel: Gelling agent 100:1**)

Solubility: Soluble in water.

Packaging: 1 Kg; 2.5 Kg, 5 Kg; 25 Kg Sealed containers.

Storage: If sealed- keep under 25°C in original packaging.
After opening it is recommended to keep under 4°C.

Shelf life: 2 years at the recommended storage conditions.

Minimize exposure to light, heat, oxygen and humidity.

Open containers must be resealed and stored refrigerated (4°C) for further usage.

Safety information:

This product was produced indoor, from a toxin-free; non GMO microalgae.
The production-environment and packaging-zone is allergen-free.

No pesticides are used in the production process.

Certifications:

Manufacturing process licensed by: The Israeli Ministry of Health.
Production process is BRC pending.

Chemical:

Carbohydrates comp.	g/100g sample
Soluble Dietary fiber (without Inulin)	5-9
Insoluble Dietary fiber	<0.5
Monosaccharides	% of total Carbohydrates
Xylose	5-20
Glucose	52-63
Galactose	5-15
Glucuronic ac.	1-4
Sulfated polysaccharide	1-4

Microbiological	CFU/gr
Total Plate count	<100
Yeast & Mold	<10
E-coli	<10
Salmonella	Negative
Listeria	Negative

Contaminants	By ICP
Lead	≤ 1 ppm
Arsenic	≤ 1 ppm
Mercury	≤ 0.1 ppm
Cadmium	≤ 1 ppm