

Specification

Alguard (2359000110)

General information

Description	Standardized purified natural sulfated polysaccharide from <i>Porphyridium sp.</i> red microalgae bio-exudate
Source	<i>Porphyridium sp.</i>
Appearance	Opalescent viscous hydro-gel
Color	Yellow-Beige
Odor	Weak

INCI formula

Porphyridium polysaccharide	98.0 %
Carrier	None
Additive	None
Preservative (Phenoxy-ethanol)	2.0 % Max.

Physical & Chemical properties

Total Carbohydrates	≥ 9.0 gr/lit (Phenol-H ₂ SO ₄ Method)
Viscosity	≥ 3400 cp (Brookefield DV-E, 12 RPM, S63, RT)
pH	6.0-8.0

Stability	2 year stored in original, tightly sealed containers in a cool area
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Microbiological data

Total bacterial count (CFU/g)	< 100
Yeasts and molds (CFU/g)	< 10
E. coli (CFU/g)	ND
Salmonella (CFU/g)	ND

Cosmetic use

Uses	Cosmetics and personal care products (Anti-aging, Anti-inflammatory, Anti-irritant, Skin maintenance, UVB damage prevention, Soothing and healing creams, lip balms)
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Revised: 10.2009

