

# Technical Data Sheet

# ASTADERM™ AG

REVISION DATE: 03.11.2022

## INCI

Porphyridium Polysaccharide

## DESCRIPTION

Astaderm™ AG is a multi-functional skin active shield that protects and beautifies the skin. It is a standardized and purified polysaccharide solution derived from red microalgae, *Porphyridium sp.*

## APPLICATIONS

Face care  
Body care  
Eye care  
Lip balm  
Anti-aging  
Anti-inflammatory  
Anti-irritant  
Suncare

## FEATURES AND BENEFITS

100% natural process-free of harsh chemicals, additives, or solvents  
Reduces skin roughness immediately after application  
Visible results by reducing the length and depth of fine lines  
Maintains the skin barrier functions and hydration  
Stable up to 160°C  
Ease of usage in most formulations

## TYPICAL PROPERTIES

<b>Appearance</b>	opalescent viscous hydro-gel
<b>Color</b>	yellow-beige
<b>Odor</b>	weak
<b>Carrier</b>	none
<b>Additive</b>	none
<b>Preservative</b>	(Phenoxyethanol) 2.0 % Max.
<b>Total carbohydrates</b>	9.0 gr/lit (Phenol-H <sub>2</sub> SO <sub>4</sub> Method)
<b>Viscosity</b>	>3,400 cp (Brookefield DV-E, 12 RPM, S63, RT)
<b>pH (10% aq. solution)</b>	6.0 to 8.0

## MICROBIOLOGICAL DATA

Total Bacterial Count (CFU/g)	<100
Yeasts and molds (CFU/g)	< 10
E. coli (CGU/g)	ND
Salmonella (CFU/g)	ND

## STORAGE AND PACKAGING

Store in original, tightly sealed containers in a cool area for up to two years.