

Technical Data Sheet

SFG Pro-Xylane

Hydroxypropyl tetrahydropyridinol
 CAS# 439685-79-7

Description

SFG Pro-Xylane is a glycoprotein mixture derived from Xylose. This powerful compound exhibits exceptional skin benefits by efficiently stimulating subcutaneous collagen and hyaluronic acid synthesis, resulting in rapid skin plumping. Pro-Xylane's outstanding capacity to promote glycosaminoglycans (GAG) production contributes to heightened moisture levels within the extracellular matrix (ECM). Furthermore, Pro-Xylane facilitates the synthesis of collagen VII and collagen IV, strengthening the connection between the epidermis and dermis.

Specifications

Item	Specification
Appearance	Colorless transparent
Odor	Characteristic
Content (%)	30~32
Transmittance (%)	≥90
Lead (Pb, ppm)	≤10
Arsenic (As, ppm)	≤2
Mercury (ppm)	≤1
Cadmium (ppm)	≤1
Total aerobic microbial count (CFU/g)	≤1000
Total Yeasts and Molds count CFU/g)	≤100
Escherichia coli (/10g)	Negative
Pseudomonas aeruginosa (/10g)	Negative
Staphylococcus aureus (/10g)	Negative

Main Functions and Applications in Cosmetics

It can be incorporated into a wide range of skincare and cosmetic products, including moisturizers, anti-aging creams, sunscreens, skincare serums, and more.

In general, when Pro-Xylane is applied to the skin, it hydrates, moisturizes, improves skin elasticity, firmness, reduces wrinkles and repairs.

Storage

Store in a cool area away from direct sunlight

Shelf Life 2 years