

# Technical Data Sheet

## SFG HA-Mini(10K)

Hydrolyzed Sodium Hyaluronate  
CAS# 9067-32-7

### Feature

- Transdermal absorption
- Deep moisturizing
- Repairing damaged cells
- Scavenging free radicals
- Anti-aging

### Description

SFG mini HA with molecular weight 3K~10KDa produced by enzymatic degradation method with natural and moderate reaction conditions can penetrate into the skin and nourish the skin deeply. It has many biological activities, such as moisturizing, repairing, anti-oxidation, etc..

### Specification

Item	Specification
Characters	White or almost white powder
Identification	
A. Infrared absorption	Consistent with the <i>Ph. Eur. Reference spectrum of sodium hyaluronate</i>
B. Reaction of sodium	Positive
Sodium Hyaluronate (%)	≥95.0, by HPLC
pH	6.0 ~ 8.0
Transparency (%)	≥ 99.0
Loss on drying (%)	≤ 10.0
Molecular weight	< 10 KDa
Protein (%)	≤ 0.1
Heavy metal (ppm)	≤ 20
Bacteria counts	< 100cfu/g
Mold & Yeast	< 50cfu/g
<i>Pseudomonas aeruginosa</i>	Negative
<i>Staphylococcus aureus</i>	Negative

## Applications

Anti-aging, repairing and moisturizing products, such as eye cream, mask, serum, sunblock cream, BB cream, lipstick, etc.

## Recommend usage

0.1~0.5%, much better moisture efficacy when combined with common HA.

## Solubility

Good solubility in water

## Storage

Kept airtight in a dark cool place

## Shelf Life

3 Years