

Nano Tech Chemical Brothers Pvt. Ltd.

Hyaluronic Acid

(INCI Name: Sodium Hyaluronate)

Description:

COSKARE-H ACID is a sodium salt form of Hyaluronic Acid. Hyaluronic Acid is a natural biomolecule widely found in skin and other tissues. It has excellent moisturizing effect and is internationally known the ideal Natural Moisturizing Factor (NMF). It is a substance with good moisturizing properties for cosmetics found in nature.

INCI Name: Sodium Hyaluronate

CAS No.: 9067-32-7

M.F.: C₁₄H₂₀NN₆O₁₁)

Application:

- Moisturizing agent, anti-wrinkle agent, film former, skin conditioner.
- Used in moisturizing products, anti-ageing products, skin soothing and healing products, etc.
- Suitable for lotion gel, essence, emulsion and cream etc.

Specification:

Test Items	Specifications
Appearance	White solid powder
Molecular weight	(0.5 – 1.8) x 10 ⁶
Sodium hyaluronate content	≥ 95%
Protein	≤ 0.1%
Loss on drying	≤ 10%
pH	5.0-8.5
Staphylococcus Aureus	Negative
Pseudomonas Aeruginosa	Negative
Heavy metal	≤20 ppm
Total Bacteria	< 100 CFU/g
Yeast and molds	< 50 CFU/g

Recommended use level:

0.1 – 1.0 %

Use Method:

Add in water phase directly.

Package:

1 Kg / bag.

Storage:

Molecular Weight<1.40MDa: Store in tight, light-resistant, cool and dark place
Molecular Weight>1.40MDa: Store in tight, light-resistant place, the temperature is below 10 C

Shelf life:

Two years