

# 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.:** C<sub>14</sub>H<sub>20</sub>NN<sub>6</sub>O<sub>11</sub>)

### **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 <sup>6</sup>
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 10C

***Shelf life:***

Two years