

Certificate of Analysis

Technical Data Sheet

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Hyaluronate Sodium Salt (9067-32-7)

CHEMICAL NAME: Sodium Hyaluronate

INCI NAME: Sodium Hyaluronate

CAS NUMBER: 9067-32-7

EINECS NUMBER: 232-678-0 (hyaluronic acid)

FORMULA: (C₁₄H₂₀NO₁₁Na)_n (401.3)_n

MOLECULAR WEIGHT: 1.5Mda-1.7Mda

Properties: HA widely exists in the extracellular matrix of animal tissues and the capsule of Streptococcus. HA belongs to mucopolysaccharide and is linear un-branched, high molecular weight polysaccharides containing a repeating disaccharide unit (D-glucuronic acid and N-acetyl glucosamine). HA have some unique properties and functions, such as water retention, lubrication, viscosity and good biocompatibility

Quality standard:

Item	Cosmetics Grade
Description	White, fine powder
Glucuronic Acid	≥45.0%
pH	6.0-7.5
Transparency	≥99.0%
Molecular Weight	1.5Mda-1.7Mda
Protein	≤0.1%
Intrinsic viscosity	Measured Value
Kinematic Viscosity	Measured Value
Loss on Drying	≤10.0%
Residue on ignition	15.0%-20.0%
Heavy Metals	≤10ppm
Arsenic	≤2ppm
Bacteria Count	<100cfu/g
Mold and Yeast	<10cfu/g



This Certificate has been signed electronically by our Technical Director on referred date.
ND Pharma & Biotech Company would like to thank you for your interest in our products and service

Contact Us
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About Us
ND Pharma & Biotech Co. is a biopharmaceutical, biotechnological and global chemical company focused on rapid development of industry solutions for diverse fields and sectors from healthcare, medicine, life-sciences, food-nutrition, agriculture, industrial and other. As a leading company we have developed and immense portfolio of solutions from the most innovative to our high-profile/highly-evolved R+D+I Innovation center, well balanced with our diversification of commercial products and services.
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Salmonella	Negative
Escherichia Coli	Negative
Staphylococcus Aureus	Negative
Pseudomonas Aeruginosa	Negative
Packing	1kg/bag ,5kg/ bag 20kg/ Carton
Storage	2-10°C
Validity	Two Years

Applications: Natural moisturizing factor, health food

Cosmetics Fields:

Application	Products
Skin care	cream, emulsion, essence, lotion, gel, facial mask, etc.
Makeup	lipstick, eye shadow, foundation, etc.
Cleansing	facial cleaner, body wash, etc.

Packing: inner package: 1kg/bag, 5kgs/bag. Outer package: 20kg/box

Storage and Transport: Store in cool (2-10°C), dry place protected from light.



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