

# Sodium Hyaluronate

INCI Name: Sodium Hyaluronate

CAS Numbers: 9067-32-7



## Description:

Sodium Hyaluronate is the sodium salt of hyaluronan. The name hyaluronic acid is derived from the Greek word  $\acute{\upsilon}\alpha\lambda\omicron\varsigma$  (hyalos) meaning vitreous, and uronic acid as it was first isolated from the vitreous humour in the eye. Sodium Hyaluronate is a viscous solution consisting of a high molecular weight (500,000-730,000 daltons) fraction of purified natural Sodium Hyaluronate in buffered physiological sodium chloride.

## Technical Data:

Items	Standard
Appearance	White powder
Particle size	100% pass through a 60 mesh sieve
PH	6.0~8.0
Transparency	$\geq 99.0\%$
Loss on drying	$\leq 8.0\%$
Bulk Density	0.2~0.40g/cm <sup>3</sup>
Limiting viscosity	
Molecular weight	0.80~1.50 $\times 10^6$
Ash	$\leq 13.0\%$
Heavy metals	$\leq 20$ ppm
Arsenic	$\leq 2$ ppm
Glucuronic Acid	$\geq 44.0\%$
HA	$\geq 91.0\%$
Bacteria counts	$\leq 100$ /g
Mold & Yeast	$\leq 100$ /g
E. Coli	Negative
S. Aureus	Negative
S. Apecies	Negative

## Applications:

Sodium Hyaluronate is the salt form of Hyaluronic Acid, a water-binding ingredient that has the ability to fill in the spaces between the connective fibers known as collagen and elastin. Sodium Hyaluronate is used in cosmetic creams, lotions, milk, water shampoo, skin care/repair, lipsticks, pre/after shave, cleansers and hair care.



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