



## Technical Data Sheet

**Product Name:** Sodium Acetylated Hyaluronate

**CAS:** 158254-23-0

### Product description:

Acetylated sodium hyaluronate: Acetylated sodium hyaluronate (AcHA) is a derivative of sodium hyaluronate (HA), which is obtained by acetylation of sodium hyaluronate (HA), and has both hydrophilic and lipophilic properties . It can double moisturizing, repair the stratum corneum barrier, and improve skin elasticity. Thereby improving dry and rough skin, making skin soft and elastic.

### Specification:

ITEM	STANDARD
Acetyl Content	23.0 to 29.0%
Light transmittance (0.5%80%ethanol)	$A_{600nm} \geq 99.0\%$
PH value	5.0-7.0
Intrinsic viscosity	0.05-0.25m <sup>3</sup> /kg
Loss on drying	$\leq 10\%$
Burning Residue	11.0 to 16.0%
Heavy Metal	$\leq 20\text{ppm}$
Nitrogen content	2.0~3.0%
Total number of colonies	$\leq 100\text{CFU/g}$
Mold and Yeast	$\leq 50\text{CFU/g}$
Escherichia coli	Negative
Staphylococcus aureus	Negative