

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Hyaluronic Acid SLMW (8 - 15 kDa)
<b>Product Code</b>	AL00045
<b>INCI Name</b>	Sodium Hyaluronate
<b>CAS Number</b>	9067-32-7
<b>Lot Number</b>	2025061006
<b>Manufacture Date</b>	06/2025
<b>Re-test Date</b>	06/2028

Items	Specification	Results
Appearance	White powder	White powder
Glucuronic Acid	≥ 44.0%	46.9%
HA	≥ 93.0%	96.94%
pH	6.0 ~ 7.5	6.5
Transparency	≥ 99.5%	99.0%
Loss on drying	≤ 10.0%	7.3%
Molecular weight	8.0 ~ 15.0 kDa	13.2 kDa
Protein	≤ 0.1 %	0.05%
Heavy metals	≤ 20 ppm	Complies
Lead	≤ 10 mg/kg	< 10 mg/kg
Arsenic	≤ 2 mg/kg	< 2 mg/kg
Mercury	≤ 1 mg/kg	< 1 mg/kg
Cadmium	≤ 5 mg/kg	< 5 mg/kg
Total plate count	≤ 100 cfu/g	< 10cfu/g
Yeast & mould	≤ 10cfu/g	< 10cfu/g
<i>Pseudomonas aeruginosa</i>	Negative	Negative
<i>Staphylococcus aureus</i>	Negative	Negative

### STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.  
 When stored for a period longer than the one specified above, quality should be checked before use.

**As it is electronically generated document, hence no signature required**

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