

CERTIFICATE OF ANALYSIS

Product Name	Hyaluronic Acid (800-1500kDa)
Product Code	AL00047
INCI Name	Sodium Hyaluronate
CAS Number	9067-32-7
Lot Number	231222101
Manufacture Date	12/2023
Re-test Date	12/2026

Items	Specification	Results
Appearance	White powder	White powder
Glucuronic Acid	≥ 44.0%	46.1%
HA	≥ 93.0%	95.3%
pH (0.5%)	6.0 ~ 7.5	6.2
Transparency	≥ 98.0%	99.8%
Loss on drying	≤ 10.0%	8.3%
Molecular weight	(1.0~1.5) × 10 ⁶ Da	1.34×10 ⁶ Da
Protein	≤ 0.05%	0.03%
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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