

Hyaluronic Acid LMW

This low molecular weight sodium hyaluronate grade is supplied for evaluation in topical cosmetic systems. Molecular-weight reporting, assay basis and microbial quality are important purchasing checks alongside hydration and texture performance.

Material identity

Ingredient identity	Sodium Hyaluronate
CAS reference	9067-32-7
Catalog appearance	White fibrous powder

Catalog technical specifications

The following are published catalog reference specifications, not analytical results for a supplied lot. Confirm the current specification, method and batch COA before approval.

Assay (glucuronic acid)	>= 92% on dry
Molecular weight	<= 50 kDa (SEC-HPLC)
Protein content	<= 0.1%
Heavy metals (Pb)	<= 10 ppm
Intrinsic viscosity	Documented per lot
Total plate count	<= 100 CFU/g
Shelf life	36 months, sealed

Selection and qualification

What to check for this grade

01. Ask whether molecular weight is an average, range or distribution and obtain the measurement method.
02. Compare assay and moisture on the same basis; review protein and microbial specifications.
03. Record hydration time, order of addition and viscosity under defined conditions in the actual formula.

Low molecular weight grade vs Higher molecular weight grade

Compare the measured distribution and desired texture; the name alone does not establish skin penetration or finished-product efficacy.

Is this an injectable or medical-use material?

This page describes a cosmetic raw material for topical formulation evaluation. It does not establish suitability for injection, medical devices or other invasive uses.

Prepare the sample and purchasing brief

Provide the intended formula format, destination market, trial quantity and acceptance criteria. Request the current COA, SDS and TDS, full composition, and relevant storage and handling instructions. Confirm pricing, order minimum, stock, packaging and delivery terms for the actual order.

Catalog handling reference

Packaging	1kg foil bag, desiccant
Storage	<= 25°C
Shelf life	36 months, sealed

[Product details and current enquiry options](#)

[Cosmetic raw material buying guide](#)

[Contact RAWESS about this grade](#)

For ingredient evaluation in cosmetic development. This guide is not a batch COA or a finished-product safety, efficacy or regulatory approval. Trade-name comparisons do not establish branded origin.