Hyaluronic Acid

Sodium hyaluronate (glycosaminoglycan) · CAS 9067-32-7 · Sodium hyaluronate, food grade

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

CHEMICAL FORM	FORMULA	CAS	PRIMARY ASSAY
Sodium hyaluronate, food grade	Sodium hyaluronate (glycosaminoglycan)	9067-32-7	≥91.0%
METHOD	MINIMUM ORDER	LEAD TIME	STANDARD PACK
HPLC and UV	1 kg	1–7 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

Food-grade sodium hyaluronate specified at ≥91% sodium hyaluronate and ≥44% glucuronic acid, with a declared molecular-weight range, for capsules and powder blends where the grade and the molecular weight have to be declared.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Sodium hyaluronate	≥91.0%	As stated
Glucuronic acid	≥44.0%	As stated
Molecular weight	1.0–1.5 MDa	As stated
Appearance	White to off-white powder	As stated
pH (1% solution)	6.0–7.5	As stated
Protein	≤0.1%	As stated
Loss on drying	≤10.0%	As stated
Heavy metals	Pb ≤3 · As ≤2 · Cd ≤1 · Hg ≤0.1 mg/kg	As stated
Microbiology	APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent	As stated
Particle size	≥95% through 80 mesh	As stated
Marker set	Sodium hyaluronate ≥91%; glucuronic acid ≥44%; 1.0–1.5 MDa	Identity
Solubility	Soluble in water; the solution is clear and viscous.	Matrix dependent

APPLICATIONS

- Capsules and tablets
- Powder sticks and drink mixes
- Functional beverages

AVAILABLE FORMS

- Powder, 80 mesh
- Low-molecular-weight grade on request
- Granulated on request

PACKING

- 1 kg foil pouch
- 25 kg fiber drum

STORAGE

Store in a cool, dry, well-ventilated area, away from direct sunlight and moisture. Keep the pack closed after sampling. The lot-specific retest date is shown on the batch COA.

DOCUMENTATION RELEASED WITH EACH LOT

- Batch-specific certificate of analysis
- Technical data sheet and safety data sheet
- Allergen, GMO, origin and residual-solvent statements
- Third-party reports on request

Catalog document. This TDS describes the grade we can quote. The final specification, pack and documentation are confirmed in writing before the order. It is not a batch COA and does not report a result for a specific lot.

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