

**TECHNICAL DATA SHEET**

Effective date: 04.2019

Pure Hyaluronic Acid, LMW**INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Sodium hyaluronate
Manufacturing process	Product obtained from plant sources, through fermentation using biotechnology
Raw material category	Active ingredient raw material for cosmetic formulations
Description	Cosmetic grade LMW (low molecular weight) it is a glycosaminoglycan and long-chain polymer of disaccharide units of Na-glucuronate-N-acetylglucosamine

TECHNICAL DATA**Composition**

Sodium hyaluronate	Min. 95.0 %
Protein	Max. 0.1 %

Physical parameters

Appearance	Solid, powder
Color	White
Odor	Odorless
pH (0.1 % in water solution)	6.0 – 7.5
Solubility	Soluble in water, insoluble in oil, ethanol
Particle size	98 % through 80 mesh
Residue on ignition	Max. 20 %
Moisture	Max. 10 %
Molecular weight	10 – 200 KDa

Biological parameters

Total aerobic plate count	< 100 cfu/g
Yeasts and molds	< 10 cfu/g

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Contaminants

Heavy metals	max. 20 ppm
Arsenic	max. 2 ppm

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from moisture and direct sunlight.
Shelf Life	36 months, in closed packaging and the recommended conditions.
Custom tariff	-

LEGISLATION

Certification	-
EINECS	232-678-0
CAS	9067-32-7

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