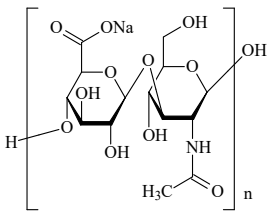


TDS of Hyaluronic acid cosmetic grade

Product name	Hyaluronic acid cosmetic grade		
Chemical name	Poly(β -glucuronic acid-[1 \rightarrow 3]- β -N-acetylglucosamine-[1 \rightarrow 4]), alternating		
INCI	Sodium Hyaluronate	structural formula:	
Molecular formula	(C ₁₄ H ₂₀ NNaO ₁₁) _n		
CAS	9067-32-7		
HS code	3913900090		
Appearance	White or almost white powder or granule	Sodium Hyaluronate	≥ 95.0%
Appearance of Solution	A _{600nm} ≤ 0.01	Nucleic Acids	A _{260nm} ≤ 0.5
pH	5.0~8.5	Molecular Weight	3,000~3,000,000 Da
Protein	≤0.1%	Loss on drying	≤10.0%
Residue on Ignition	≤20.0%	Chlorides	≤ 0.5%
Iron	≤ 80ppm	Heavy metals	≤20ppm
Arsenic	≤2ppm	Bacteria counts	≤100CFU/g
Molds & Yeasts	≤50CFU/g	Staphylococcus aureus	Negative/g
Pseudomonas aeruginosa	Negative/g		
Product Usage	<p>Cosmetic raw materials, mainly used in creams, lotions, lessences, gels, facial masks, facial cleansers, shower gels, shampoos, conditioners, etc.</p> <p>The use effect is related to the molecular weight of the product, as follows: High molecular weight: forming a dense protective film, long-lasting moisturizing;good recovering effect;Medium molecular weight:good moisturizing and lubricity effect,slow release,stable emulsification effect;Low molecular weight :skin nutrition effect and lasting moisture ffect.</p>		
Package	1kg/bag or according to customer requirements		
Storage Conditions	<p>Molecular Weight≤1.40MDa: Store in tight, light-resistant, cool and dark place</p> <p>Molecular Weight>1.40MDa: Store in tight, light-resistant place, the temperature is below 10℃</p>		
Shelf life	Two years		