

聚龙新材料

Unilong Industry Co., Ltd.

透 明 质 酸 钠

专 业 生 产 商





Product Category

- 01** Cosmetic grade sodium hyaluronate
- 02** Food grade sodium hyaluronate
- 03** Pharma grade sodium hyaluronate

01

Cosmetic grade sodium hyaluronate

Type	Molecular Weight	Function
Oligo Sodium Hyaluronate	3,000-5,000 Da	Deep absorption and nourishment of skin
	5,000-10,000 Da	
Low Molecular Weight Sodium Hyaluronate	10,000-200,000 Da	Long-lasting moisturizing and wrinkle-resistant Cosmetology
	0.2-0.8M Da	
Intermediate Molecular Weight Sodium Hyaluronate	0.8-1.5M Da	Excellent Moisturizing Property, Slow Release & Stable Emulsification
High Molecular Weight Sodium Hyaluronate	1.5-2.0M Da	Excellent Moisturizing & Lubricating Properties Excellent Sunscreen Repair
	2.0-2.5M Da	

Cosmetic grade sodium hyaluronate



Item	Standard
Appearance	White Powder
PH	6.0-8.0
Transparency	≥99.0%
Loss On Drying	≤8.0%
Bulk Density	Practical Value
Molecular weight	Practical Value
Bactenal Endotoxin	<0.5EU/mg
Protein	≤0.1%
Residue On Ignition	≤13.0%
Heavy Metals	≤20ppm
Arsenic	≤20ppm
Glucuronic Acid	≥44.0%
HA	≥95.0%
Bacterial Counts	≤100cfu/g
Mold & Yeast	<10ctul
E.Coli	Negative
Staphylococcus Aureus	Negative
Salmonella	Negative

02

Studies have found that long-term administration of HA can effectively improve skin moisture, delay aging and improve joint function. HA and glue protein, vitamin and chondroitin sulfate can be used in health food, beverage, jelly & soon. In common food such as milk mouth wash.

Food grade sodium hyaluronate

Molecular Weight	Function
0.1-0.2M Da	antiaging, reduce inflammation, lubricate joints, flooding pain and sooth wrinkle
0.2-0.4M Da	
0.4-0.6M Da	

Food grade sodium hyaluronate



Item	Standard
Appearance	White Powder
PH	6.0-8.0
Transparency	≥99.0%
Loss On Drying	≤8.0%
Bulk Density	Practical Value
Molecular weight	Practical Value
Bactenal Endotoxin	<0.5EU/mg
Residue On Ignition	≤13.0%
Heavy Metals	≤20ppm
Arsenic	≤20ppm
Glucuronic Acid	≥44.0%
HA	≥96.0%
Bacterial Counts	≤100cfu/g
Mold & Yeast	<10ctul
E.Coli	Negative
Staphylococcus Aureus	Negative
Salmonella	Negative

03

Pharma grade sodium hyaluronate

Type
Eye drops grade sodium hyaluronate
Injection Grade sodium hyaluronate

Pharma grade sodium hyaluronate



Eye drops grade

1. Lubricating .moisturizing, improving efficacy of drugs, relieving dry eye syndrome, and promote healing of corneal and conjunctival damage
- 2.Promote wound healing
- 3.Drug or cell carrier /matrix
- 4.Repairing damaged mucosa or cartilage, etc.

Injection Grade

- 1.Viscoelasticity ,protecting corneal endothelium
- 2.Lubricity ,viscoelasticity, repair of damaged cartilage ,inhibition of inflammation, pain relief
- 3.Hyaluronic acid and its derivatives have good biocompatibility and biodegradability