

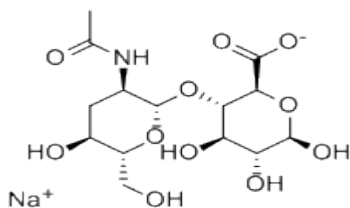
■Hyaluronic Acid

Introduction

Hyaluronic acid also called hyaluronan, is an anionic, nonsulfated glycosaminoglycan distributed widely throughout connective, epithelial, and neural tissues. It is unique among glycosaminoglycans in that it is nonsulfated, forms in the plasma membrane instead of the Golgi apparatus, and can be very large: human synovial HA averages about 7 million Da per molecule, or about twenty thousand disaccharide monomers,]while other sources mention 3–4 million Da. One of the chief components of the extracellular matrix, hyaluronan, contributes significantly to cell proliferation and migration, and may also be involved in the progression of some malignant tumors.

Ingredient

Product Name	Hyaluronic Acid
CAS	9004-61-9
MF	C ₁₄ H ₂₂ NNaO ₁₁
MW	403.31
MS	



Item and Standard

ITEMS	UNIT	STANDARD
Appearance		White powder
Assay	%	≥93%
Glucuronic Acid	%	≥44%
PH		6.0-7.5
Molecular Weight		5000-10000Da
protein	%	≤0.1%
Light Transmittance	%	≥99.0%
Loss on Drying	%	≤10.0%
Heavy Metal (Pb)		≤20PPM
Arsenic		≤2PPM
Total Plate Count		≤100cfu/g

Yeast & Mold
Pseudomonas aeruginosa
Staphylococcus aureus

≤10cfu/g
negative
negative

Application

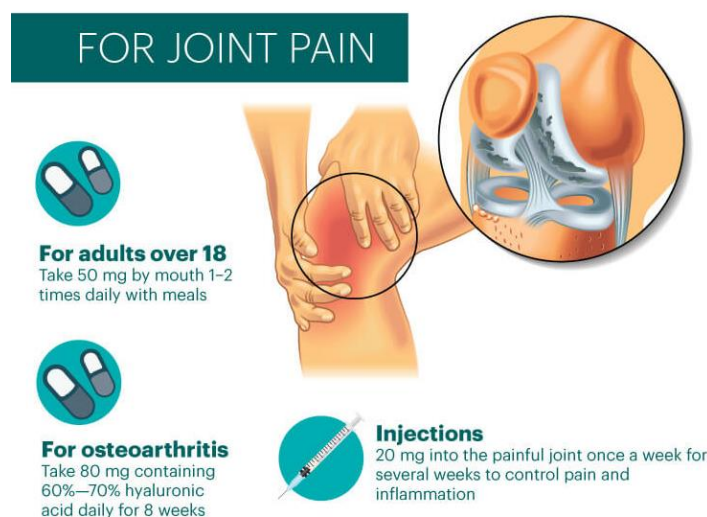
Moisturizing
Anti-aging
Stable emulsification
Nourishing skin
Anti-bacterial and anti-inflammation



**HOW TO USE
HYALURONIC ACID**

FOR SKIN & EYES

- Injections**
Administered by doctors only on your lips, eyes or skin
- Cream/serum/lotion**
Daily topical application of serums containing around 0.1% HA can lead to significant improvement in skin hydration, wrinkle appearance and elasticity
- Treating dry eyes**
Administer liquid eye drops with 0.2%–0.4% HA 3–4 times daily for 3 months



FOR JOINT PAIN

- For adults over 18**
Take 50 mg by mouth 1–2 times daily with meals
- For osteoarthritis**
Take 80 mg containing 60%–70% hyaluronic acid daily for 8 weeks
- Injections**
20 mg into the painful joint once a week for several weeks to control pain and inflammation

Packaging



Qingdao Wanyuan Mountain Biotech Co.,Ltd
青岛万源山生物科技有限公司

25KG

Storage

Please reading safety data sheet before carrying or using the product.
Cool and dry, keep tightly closed, quality guarantee period is two years.