

Sodium Hyaluronate Expert

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Pharma Grade Sodium Hyaluronate

Topscience Biotech's Pharma Grade Sodium Hyaluronate is produced by the microbial fermentation of *Streptococcus zooepidemicus*. It contains Injection Grade, Eye Drop Grade and Pharmaceutical Excipients Grade. The product molecular weight covers all ranges of high, medium and low, and the viscosity range is $\geq 850\text{ml/g}$, it could satisfy various medical purposes.



Advantages of Topscience

Technical Advantages

1. Non-GMO, Non-animal origin.
2. Ultra-low impurity level.
3. Ultra-low bacterial endotoxins level.
4. Ultra-low residual metal impurities.
5. Ultra-low microbial pollution.

Quality advantage

1. GMP Certificate issued by Nation Medical Products Administration of China.
2. Worldwide registrations including COS, KDMF, Form 41, etc.
3. Excellent batch stability.
4. Long-term stability and accelerated stability experiments as support.



Application of Pharma Grade Sodium Hyaluronate

1. Sodium Hyaluronate can be used for medical beauty injections to deeply hydrate the skin, fill epidermal cells, smooth wrinkles, and make skin plump, dewy and elastic.
2. Sodium Hyaluronate is the main component of human intercellular substance, vitreous body of the eye, joint synovial fluid and other connective tissues. It plays an important role in water retention, maintenance of extracellular space, regulation of osmotic pressure, lubrication and promotion of cell repair in the body.
3. Sodium Hyaluronate can be used as a viscoelastic agent for ophthalmic intraocular lens implantation operations, as a filler for joint operations such as osteoarthritis and rheumatoid arthritis, and is widely used as a medium in eye drops. It is used to prevent postoperative adhesions and promote the healing of skin wounds.
4. The compound formed by the reaction of Sodium Hyaluronate with other drugs exerts a sustained release effect on the drug, which can achieve the purpose of directional and timed release.
5. Sodium Hyaluronate has unique physical & chemical properties and physiological functions. With the development of medical technology, its medical applications will become more and more extensive.

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About Topscience Biotech

Topscience biotech has more than 10 years of working experience in the field of biotechnology, it is a high-quality manufacturer of Sodium Hyaluronate series products. As a leading GMP manufacturer of large-scale production and sales of Sodium Hyaluronate, Topscience biotech has achieved a bacterial endotoxins control of Pharma Grade Sodium Hyaluronate below 0.001IU/mg, which is 1/50 of the standard value of Ph.Eur.