

STERILEHYA

Sterile Sodium Hyaluronate

In order to empower the Pharmaceutical Grade Sodium Hyaluronate market and meet higher market demand, Shandong Topscience has built the first automated workshop for Sterile Grade Sodium Hyaluronate in China. The product has high safety and applicability, and can be applied to high-end medical aesthetic fillings and pharmaceutical products, it can give full play to its functions of moisturizing, viscoelastic lubrication and so on.

Product Name: Sterile Sodium Hyaluronate
INCI Name: Sodium Hyaluronate

•Product Advantages

- ▶ Since Sodium Hyaluronate will degrade under high temperature conditions, for customers who need sterile raw materials, using STERILEHYA will no longer need to consider the risk of viscosity degradation during material sterilization, avoiding the cost of experiments and time.
- ▶ STERILEHYA is sterile raw material, which can be used directly without sterilizing products, such as sterile preparations, sterile medical devices, that cannot be sterilized ultimately.

•Product Specifications

Items	Specifications	Methods
Appearance	White or almost white powder or fibrous aggregate.	Ph.Eur.
Identification		
A. Infrared absorption	The IR spectrum of the sample exhibits maxima at the same wavelength as that of Ph.Eur. reference spectrum of Sodium Hyaluronate.	Ph.Eur.(2.2.24)
B. Reaction (a) of sodium	Positive	Ph.Eur.(2.3.1)
Appearance of solution	Clear and the absorbance is NMT 0.01 at 600 nm.	Ph.Eur.(2.2.1) Ph.Eur.(2.2.25)
pH	5.0 ~ 8.5 (0.5% solution)	Ph.Eur.(2.2.3)
Intrinsic viscosity	Report the test value (on the dried substance)	Ph.Eur.
Protein	≤0.1% (on the dried substance)	Ph.Eur.
Chlorides	≤ 0.5%	Ph.Eur.(2.4.4)
Iron	≤ 80 ppm (on the dried substance)	Ph.Eur.(2.2.23, Method II)
Sterility	No growth of microorganisms occurs.	Ph.Eur.(2.6.1)
Bacterial endotoxins	<0.05IU/mg	Ph.Eur.(2.6.14)
Residual solvents:Ethanol	≤ 0.5%	In-house method

•Application

- STERILEHYA can be applied to medical aesthetic products to exert hydrating, filling and lubricating effects in the body;
- STERILEHYA can be used in the field of medicinal injections, can be used as viscoelastic agents in implant surgery, fillers in joint surgery, and can be used to prevent postoperative adhesions, etc.

•Packaging Storage

1. 15g/can, 30g/can and 100g/can, aluminum can with outer LDPE bag.
2. Storage Condition: In an airtight container, protected from light and humidity, 2-8°C.

•Production Advantages

Completed closed production process.



Advanced and complete production equipments.



Tightly controlled production environment.



Excellent production process standards.



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