

HYALURONIC ACID FILLER



PRODUCT DESCRIPTION

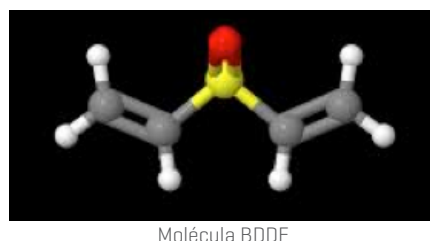
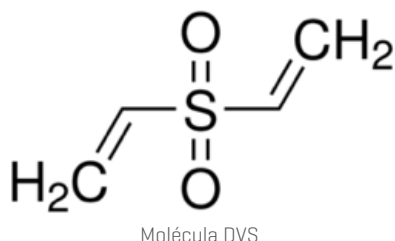
Is an injectable hyaluronic acid that, thanks to its formulation and manufacturing method, can safely remain within an organism for long periods of time.

Therefore represents a technological improvement for use in clinical and hospital sectors and is an absolutely unique product that is manufactured using strictly controlled methods, thereby ensuring its quality, safety and efficacy.

ACTIVE INGREDIENTS

The origins of the hyaluronic acid used on the product reside in the biofermentation of a bioengineered microbe strain that is non-pathogenic to humans. The raw materials used are derived from non-animal sources and, thanks to our new extraction techniques, all traces of organic solvents have been eliminated, this ensures that the hyaluronic acid used is of an extraordinary purity and quality.

The use of **Divinyl Sulfone [DVS]** as a cross-linking agent that is resistant to hyaluronidase enzymes prevents the degradation of the hyaluronic acid that is present in; this provides with a **high degree of durability within the human organism**.



As DVS is a smaller molecule than the normal cross-linker, *BDDE* [butanediol diglycidyl ether], its use ensures that the open hyaluronic acid chains are closed creating a shorter reticulum that produces a more compact hyaluronic acid. This also makes it more elastic as it has a greater capacity to absorb pressure and tension without breaking than the hyaluronic acids that are currently available on the market. A number of experimental studies have shown that the polymer formed with DVS is highly stable, resulting in much more durable cross-linking.

SAFETY

The use of an innovative cross-linking agent and patented cross-linking method guarantees an **exceptional degree of purity** that is more than 1000 times greater than the competition.

The concentrations of endotoxins and other toxic substances are extremely low, with reference levels of 0.5 parts per billion (<0.5 ppb), while the market leader contains 0.5 ppm [parts per million]. These values infer a **minimal risk of the adverse effects** so commonly described as the consequence of using the currently available products.

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Its high degree of purity, low concentrations of nucleic acids and proteins, as well as the almost total absence of endotoxins minimises the potential for hypersensitivity reactions and allergies. The patented cross-linking method used practically guarantees that all the chains are closed, thus avoiding possible adhesion to the three dimensional structure of the hyaluronic acid molecule. The DVS is completely bound to the structure, minimising free residues, which if they occur, degrade to nontoxic sulphides, unlike the BDDE cross-linked products, which have been associated with possible carcinogenic risks.

☐ PREPARATION

Is prepared in sterile rooms without using the aggressive processes typical of heat sterilisation. This prevents heat degradation and maintains the product's physico-chemical characteristics, such as temperature stability and cross-link durability. These characteristics make this hyaluronic acid particularly safe and reliable even in circumstances of prolonged use.

☐ INDICATIONS

Thin wrinkles: 20 mg / ml

Application: medium dermis, lip semimucosa. Duration of treatment efficacy 3/4 months [1 syringe of 1 ml]

Medium wrinkles, lip contours, increasing lip volume: 25mg / ml

Application: deep dermis. Duration of treatment efficacy 4/8 months [1 syringe of 1 ml syringe]

Deep wrinkles, lips and cheekbones volume increase, face countouring: 30 mg / ml

Application: deep or supraperiosteal hypodermis. Duration of treatment efficacy months 6/10 [1 syringe of 1 ml]

☐ MODE OF USE

Only to be used by qualified medical personnel.

☐ PRESENTATION

The product is presented in a box with 1 preloaded 1ml syringe containing a solution of hyaluronic acid; the syringe is individually packaged in a paper/plastic envelope to ensure the product's sterility.

Product presentation can be adapted to customer requirements for orders exceeding a minimum threshold.

☐ CATEGORY

Medical Device Class III.

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The data is not for disclosure to the public.