

Auralya

Divinyl Sulfone

Auralya is a filler based on hyaluronic acid cross-linked.

To achieve the right degree of cross-linking and ensure that the product lasts longer in time, it's been chosen the DVS (divinylsulfone) as cross-linking agent.

The use of DVS in the gel preparation reaction, allows to obtain a degree of cross-linking higher and more stable.

Immediately after that the reaction of cross-linking has taken place, the product undergoes a series of washings and purification steps to eliminate any residual cross-linking agent.

The nuclear magnetic resonance analysis conducted on this product by the University of Milano-Bicocca noted the absence of DVS in the finished product.

Here are the three key points that have determined the choice of DVS as a cross-linking agent:

1. Low toxicity compared to other cross-linking agents used.
2. Easy removal of any residues in the finished product through washing and purification of the cross-linked hyaluronic acid.
3. Ability to create closer networks which give an higher stability to the product, giving maximum durability.

This confirms the advantage of choosing the DVS as cross-linking agent as capable of giving a good degree of cross-linking without residue in free form in the final product, for a safer filler.