

- Fill De' Beaute
- B De' Beaute

---

FILL DE' BEAUTE IS STERILE ABSORBABLE  
HYALURONIC ACID DERMAL FILLER

B DE' BEAUTE IS HYALURONIC ACID  
PREMIUM BODY FILLER



**BS Pharm**  
KOREA

# Fill De' Beaute

Innovation in hyaluronic acid technology

+Long Lasting

+Safe & Removable

## MEDIUM

STERILE ABSORBABLE  
HYALURONIC ACID DERMAL FILLER



## STRONG

STERILE ABSORBABLE HYALURONIC  
ACID DERMAL FILLER



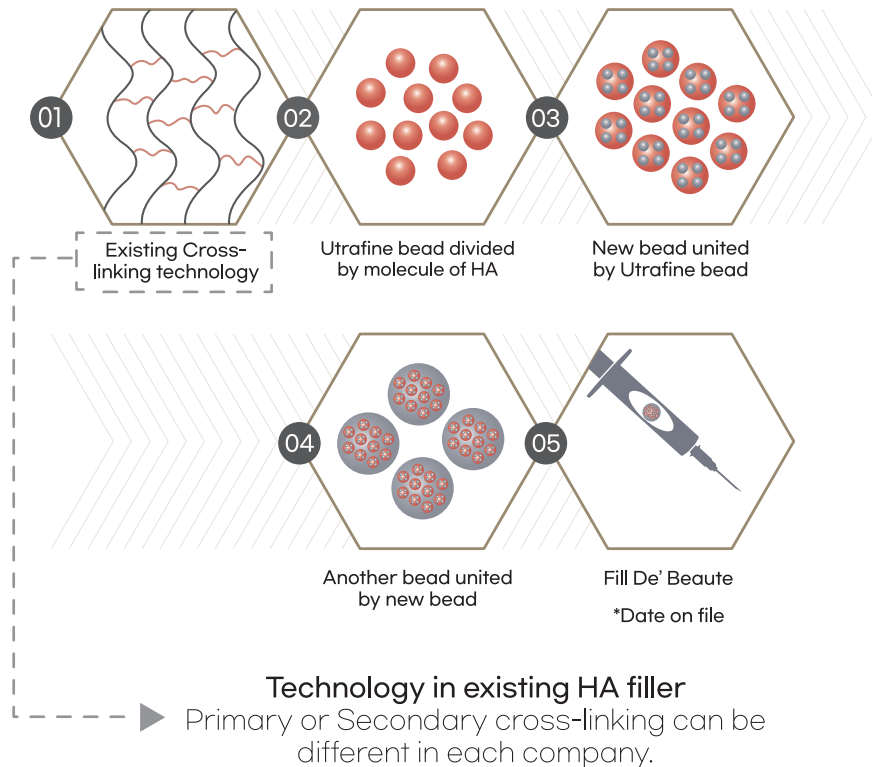
## SOFT

STERILE ABSORBABLE HYALURONIC  
ACID DERMAL FILLER

# Long lasting HA Filler? Patented MCL\* technology

\*MCL : Multi Staged Crosslinking

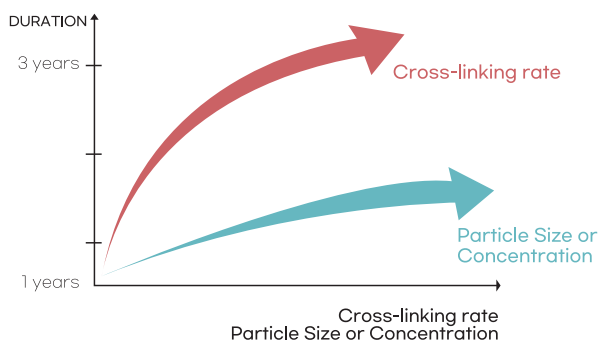
High viscosity is obtained through patented stage micro beads manufacturing technology based on cross linked Hyaluronic Acid.



Test result conducted by a respectable laboratory

## Longevity Comparison Graph

Comparison to conventional products that claim to have produced a long lasting HA filler

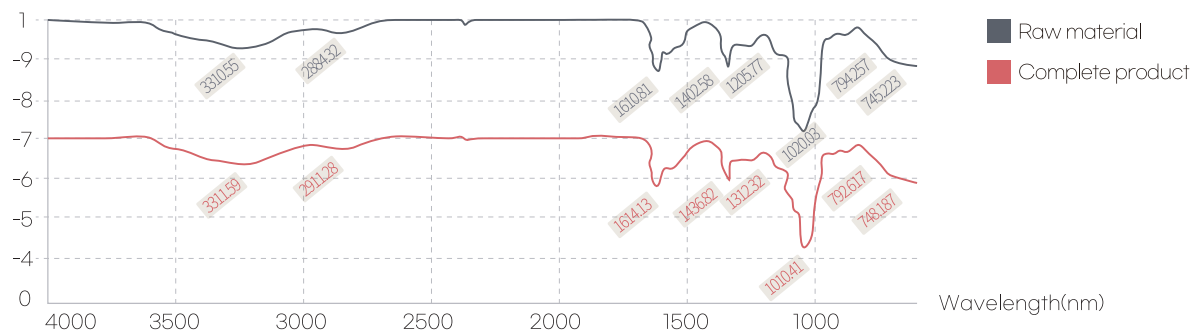


Most companies claim to have successfully manufactured a long lasting HA filler by increasing the cross-linking rate. However, due to limitations in the cross-linking technology these products instead have only increased viscosity and particle size, which does not contribute to a long lasting HA filler. Moreover, products that have only raised viscosity does not show good moldability.

# Safe & Removable

The product is safe with no chemical modifications in the HA, even after high cross-linking process.

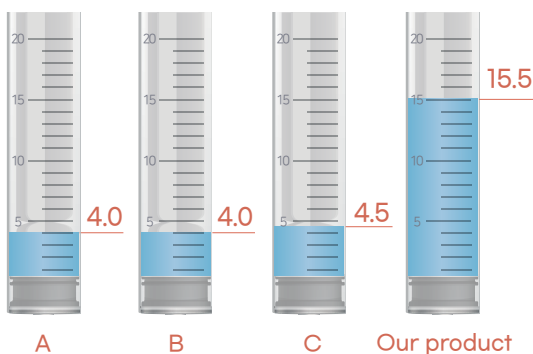
Hyaluronic Acid(raw material)



The wavelength pattern of 'Fill De' Beaute' is the same as its raw material, showing that the product has not altered its physical properties.

# Superior Hydrophilic Capacity

Our product provides excellent volume effect through its high hydrophilic capacity and stable molecular structure even after high cross-linking rate.



Centrifugation at 3,000 rpm for 30 minutes  
(Status: 500cc of water added to a sample of 1cc)

Shows higher volume effect compared to other fillers of same amount.  
Excellent volumizing effect and easy molding even with a small amount

# Product Information



· Soft

· Medium

· Strong

HA Concentration	20mg/ml	20mg/ml	20mg/ml
Volume	1ml X 1 Syringe	1ml X 1 Syringe	1ml X 1 Syringe
Needle	30G Needles 2EA	27G Needles 2EA	25G Needles 2EA
Cross Linking Rate	★ ★ ★ ☆ ☆	★ ★ ★ ★ ☆	★ ★ ★ ★ ☆
Area used	Mid Dermis Fine Wrinkles	Mid-Deep Dermis Deep Wrinkles	Deep Dermis Forehead, Chin, Nose

# B De' Beaute

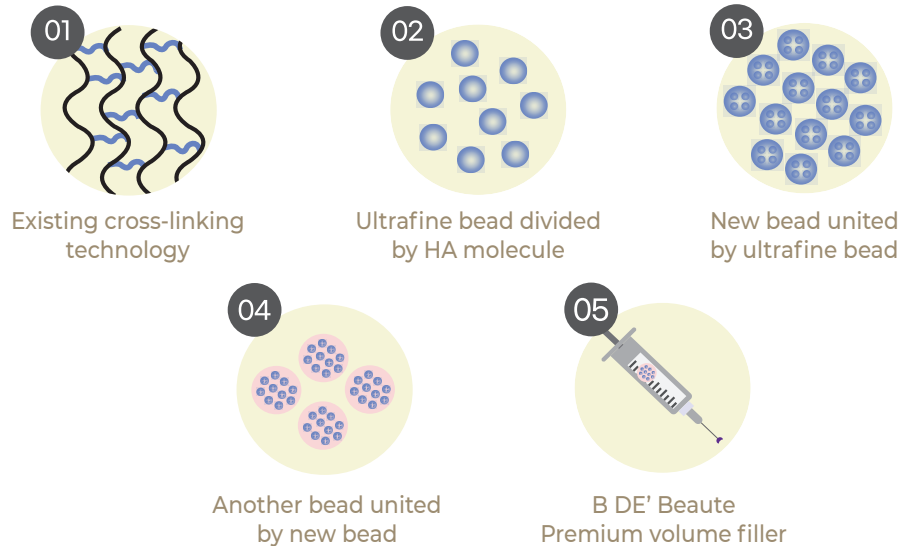
PREMIUM BODY FILLER



# Introduction

## B De' Beaute Body Filler (60cc)

Upgraded hyaluronic acid crosslinking technology



### 3 features that make B De' Beaute unique

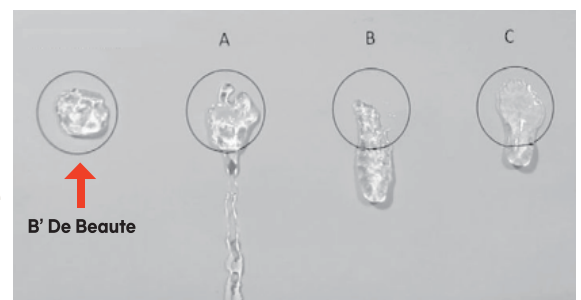
1. Strong viscosity and cohesiveness
2. Optimal gel hardness that can be controlled delicately
3. Easy modelling

B De' Beaute possesses all these 3 ideal properties, which are strong viscosity (co-hesiveness) and migration resistance, effective gel hardness that allows delicate control that results in an excellent molding ability. Moreover, our product applies the unique technology of a semi-solid state gel made of HA.

B De' Beaute applies an innovative HA technology to increase the longevity(long-lasting) effect, safety, and increase removability which makes it safe and helps become an +ideal product.

### Viscosity test results

After running a viscosity test with competing products, we can see that in just 4 minutes, most of the competing products have migrated outside the circle, whereas our product still keeps its intact shape.



# Introduction

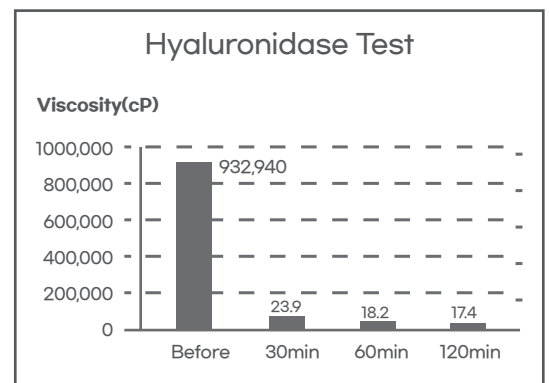
## Safe & Removable

B De'Beaute has overcome the problems faced by increasing the cross-linking rate, to create a safe and removable product. Issues faced when increasing the cross-linking rate of HA and the strengths of our product is as follows.

Problems caused by the cross-linking rate increase	Be' Beaute's uniqueness
HA entry prevented by hyaluronidase	HA may be completely dissolved with the help of hyaluronidase
Easy chemical modification of raw materials	100% of HA remaining
Hydrophile property drop	Highly hydrophilic product with stable particle structure

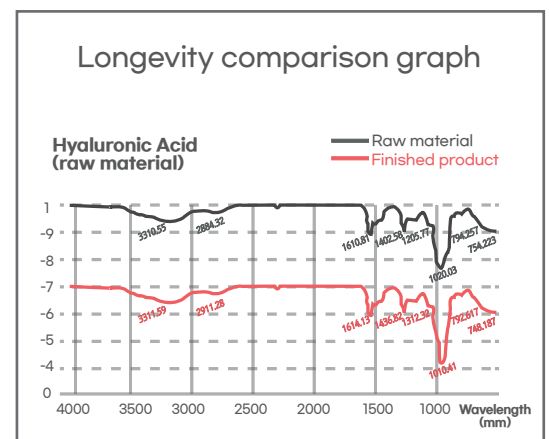
## Hyaluronidase Test

It is clear that our product dissolves very easily and safely with hyaluronidase. It is strong against natural hyaluronidase from the body, but the filler injected with hyaluronidase is a very safe product that can be removed very easily.



## Safety

Generally, we can see how the raw material (HA) is easily modified chemically on high cross-linking rates. However, our product, as seen in the retractive index test, shows a wavelength pattern that is exactly like its raw material, showing that the final product has maintained 100% of its HA without any modifications. In other words, the product can be safely absorbed by the human body without any harm with 100% of HA remaining.

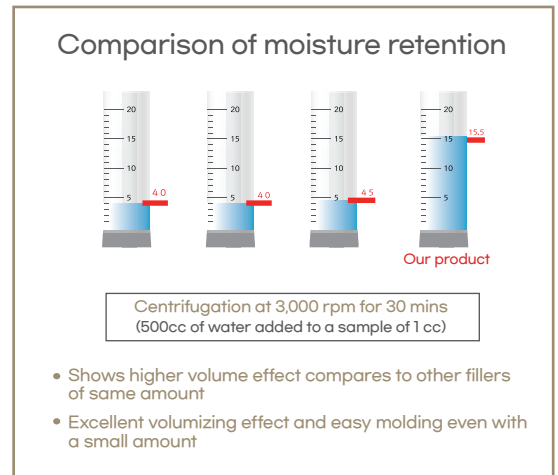




# Introduction

## High hydrophilic capacity

B De' Beaute shows excellent hydrophilic capacity, which means that compared to the same number of comparing products, our product shows a better volumizing effect. Moreover, high hydrophilic capacity means easy molding.



## Possible drawbacks of

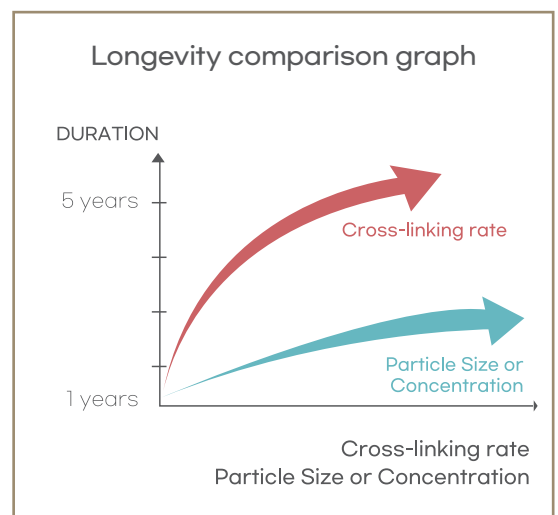
Other products compared to B De' Beaute

- Increased concentration

Products with the concentration of 50mg /ml have a weaker molding effect (most HA fillers are 20 mg/ml). Therefore, it is not long-lasting.

- Increased particle size

A better cross-linking technology effect will not last long, because the particle size is not small enough.



## The most outstanding MCL (multi-stage cross-linking)

structure technique

Although many fillers have higher concentration, they cannot have a long-lasting effect. B DE' Beaute structure is based on a 3-level microbead connection. This technique results in a better and long-lasting effect. Moreover, the filler's viscosity can be controlled.

Before & After

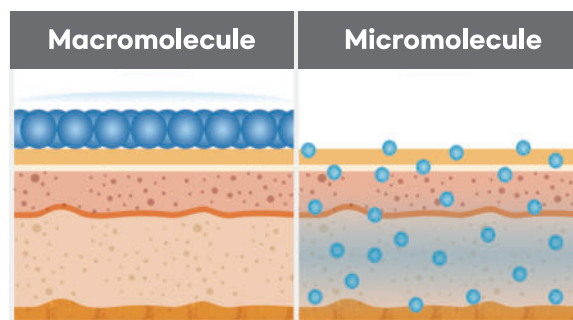
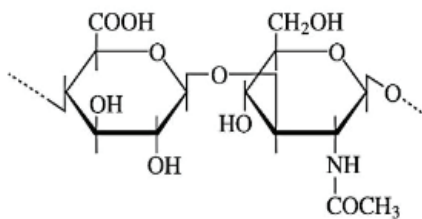


# Introduction

## B De' Beaute Body Filler (60cc) Sodium Hyaluronate?

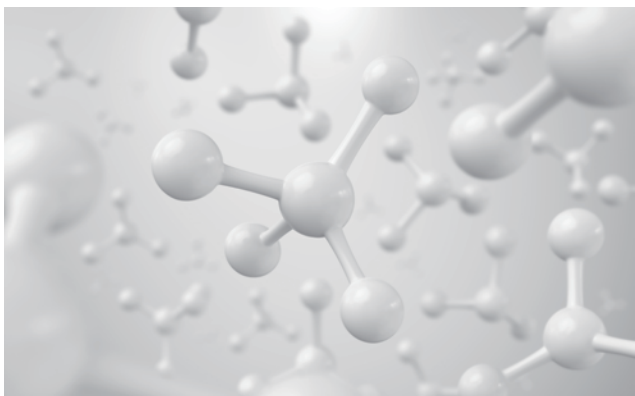
**Hyaluronic acid is a natural polymer that is characterized by excellent moisture retention and plays an important role in maintaining the structure of the skin.**

- Natural moisturizing factor with its own moisture content that attracts moisture nearly 1,000 times its own weight.
- Provides moisture protection for the skin and is mainly distributed in the skin, joints, and eyes and consists of micro-molecules.
- Absorbed well by the skin, while its own moisture content reaches 6,000 times the normal moisture factor.



## Hyaluronic Acid?

One of the natural moisturizing factors that exist in the human body is a hydrophilic substance, which is commonly called a natural moisturizer, a component characterized by excellent water binding that can absorb 1000 times the amount of water it weighs.



Increasing skin moisture levels by attracting 21 water molecules per molecule of HA

Dermis volume reduction/subcutaneous skin correction according to the injection depth

Fibrous cells stimulation in the dermis to boost collagen production

Removal of harmful free radicals caused by ultraviolet rays

# Results of test



Inspection Item	Base Value	Results
Quality and state	Colorless transparent viscose liquid, no foreign body must exist	Normal
Volume	1.0 ml	1.07~1.09 ml
Injection force	30 N	14.9
Osmotic pressure	200~400 mmol/kg	300mmol/kg
Asepsis & toxicity	Negative	Normal
Heavy metals	10 ppm	10 ppm
BDDE residue	2.0 ppm	Equal to or less than the detection
Endotoxin	12.5 eu/ml	0.01 eu/ml
PH	6.8~7.5	7.0

- 
- Fill De' Beaute
  - B De' Beaute



**BS Pharm**  
KOREA

Twentyfirstvalley 1008, 157, Yangpyeong-ro, Yeongdeungpo-gu, Seoul, Republic of Korea  
TEL : +82-2-511-7185 | FAX : +82-2-573-7185 | E-MAIL : bsp-korea@naver.com