



# CELOSOME™

HYALURONIC ACID DERMAL FILLER

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# Brand Concept

CELOSOME™

# Brand Concept



- ✓ 8 phases filtering with ultra-functional technology
- ✓ Complete removal of residual BDDE with multi-way membrane technology
- ✓ Minimizing of impurities including endotoxin with de-ionized equipment & ultra-pure water system
- ✓ Minimum use of BDDE with HENM cross-linking technology, securing the best viscoelasticity & safety

# Product Specification

CELOSOME™

# Product Specification

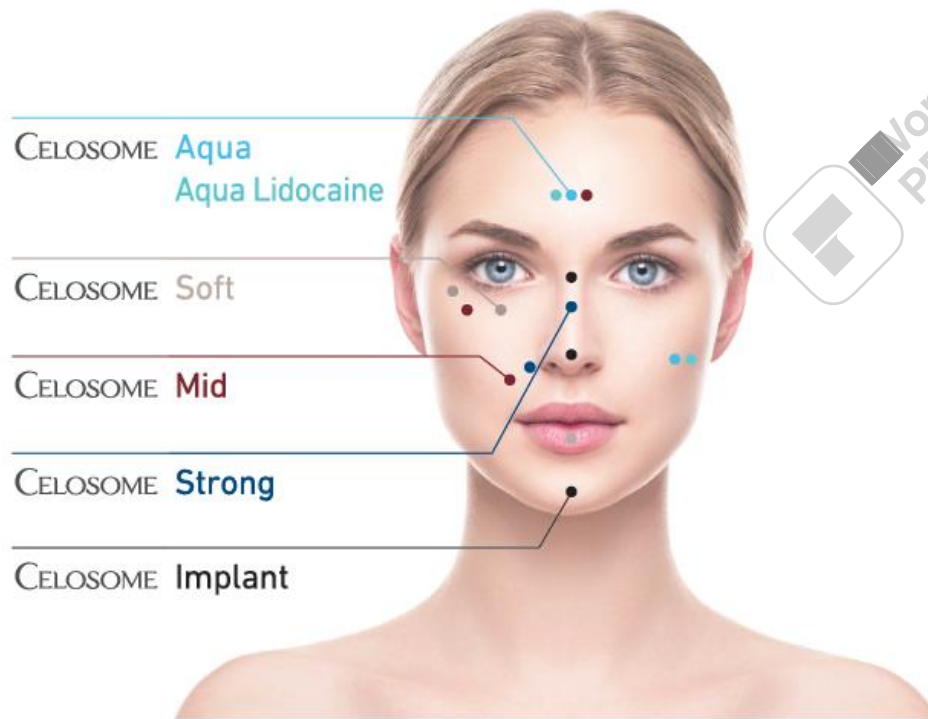
Celosome™							
Product Name	Aqua	Aqua Lidocaine	Soft	Mid	Strong	Implant	X-Shape
Injection Site	Superficial to top dermis		Superficial to mid dermis	Mid to deep dermis	Mid to deep dermis subcutaneous layer	Subcutaneous layer	Deep subcutaneous layer
HA Concentration	24 mg / mL						
Cross-linking	○○○○○		○○○○●	○○○●●	○○●●●	○●●●●	○○●●●●
Visco-elasticity	○○○○●		○○○●●	○○●●●	○●●●●	●●●●●	○●●●●●
Duration	1-3 months		6-9 months	9-18 months	12-24 months		
Indications	Skin hydration, revitalizing and rejuvenation		All facial wrinkles, lip lifting	Nasolabial folds, forehead, marionette lines and face lifting	Nasolabial folds, deep wrinkles, nose, face lifting and contouring	Facial contouring, chin and chick augmentation	Body contouring
Specification	2.5 mL / Syringe		1.1 mL / Syringe				10 mL / Syringe
Packaging	5 Syringe / 1 Box		1 Syringe / 1 Box				
Lidocaine	-	0.15 %	0.3 %				-
Mannitol	0.9%		-				
Shelf Life	24 months						
Storage	Store in 2 – 25°C, Protect from direct sunlight and freezing						

\* The duration of effect depends on age, lifestyle, and the skill of practitioner.



# Product Specification

## Celosome™ Treatment Area

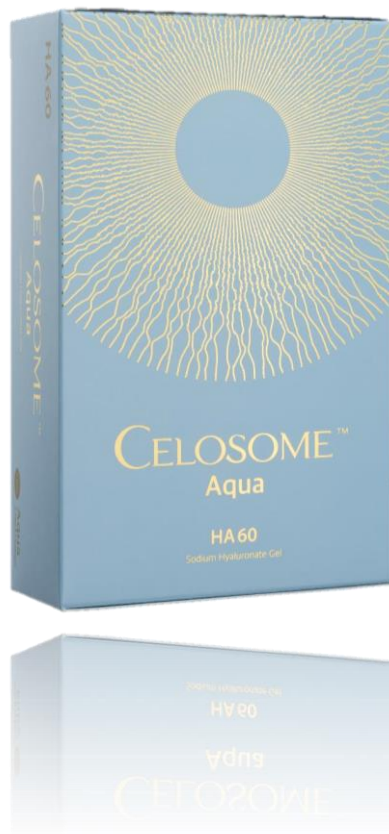


Celosome™ series are designed for facial treatment and skin rejuvenation to provide perfect satisfaction and safety. Celosome™ series bring you visibly younger and healthier looking skin.

## Celosome™ Injection Depth



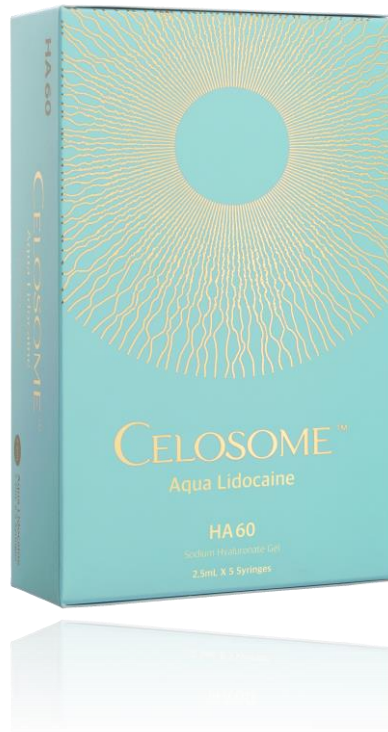
# Product Specification



## 1. Celosome™ Aqua

1	Injection Site	Superficial to top dermis	<ul style="list-style-type: none"> <li>• <b>Non cross-linking</b></li> <li>• For Hydro-lifting</li> <li>• High contents of HA (60mg/syringe)</li> <li>• Proper viscoelasticity</li> <li>• Improvement on minute facial wrinkle</li> <li>• Moisturizing &amp; increasing elasticity</li> </ul>
2	HA Concentration	24 mg / mL	
3	Cross-linking	○○○○○	
4	Visco-elasticity	○○○○●	
5	Duration	1-3 months	
6	Indications	Skin hydration, revitalizing and rejuvenation	
7	Specification	2.5 mL / Syringe	
8	Packaging	5 Syringe / 1 Box	
9	Lidocaine	-	
10	Mannitol	0.9%	
11	Shelf Life	24 months	
12	Storage	2~25°C	

# Product Specification



## 1. Celosome™ Aqua Lidocaine

1	Injection Site	Superficial to top dermis	<ul style="list-style-type: none"> <li>• <b>Non cross-linking</b></li> <li>• For Hydro-lifting</li> <li>• High contents of HA (60mg/syringe)</li> <li>• Proper viscoelasticity</li> <li>• Improvement on minute facial wrinkle</li> <li>• Moisturizing &amp; increasing elasticity</li> </ul>
2	HA Concentration	24 mg / mL	
3	Cross-linking	○○○○○	
4	Visco-elasticity	○○○○●	
5	Duration	1-3 months	
6	Indications	Skin hydration, revitalizing and rejuvenation	
7	Specification	2.5 mL / Syringe	
8	Packaging	5 Syringe / 1 Box	
9	Lidocaine	0.15%	
10	Mannitol	0.9%	
11	Shelf Life	24 months	
12	Storage	2~25°C	

# Product Specification

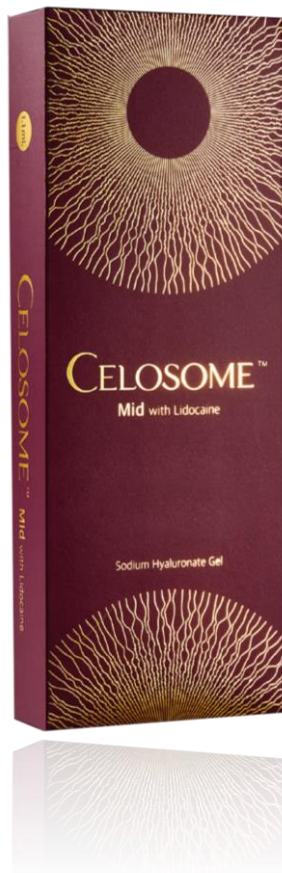


## 1. Celosome™ Soft

1	Injection Site	Superficial to mid dermis	<ul style="list-style-type: none"> <li>• The softest product above all the other cross-linking HA filler of Celosome</li> <li>• Improvement on minute facial wrinkles &amp; subtle volumizing</li> <li>• Lidocaine included; lower pain during injection</li> </ul>
2	HA Concentration	24 mg / mL	
3	Cross-linking	○○○○●	
4	Visco-elasticity	○○○●●	
5	Duration	6-9 months	
6	Indications	All facial wrinkles, lip lifting	
7	Specification	1.1 mL / Syringe	
8	Packaging	1 Syringe / 1 Box	
9	Lidocaine	0.3 %	
10	Mannitol	-	
11	Shelf Life	24 months	
12	Storage	2~25°C	



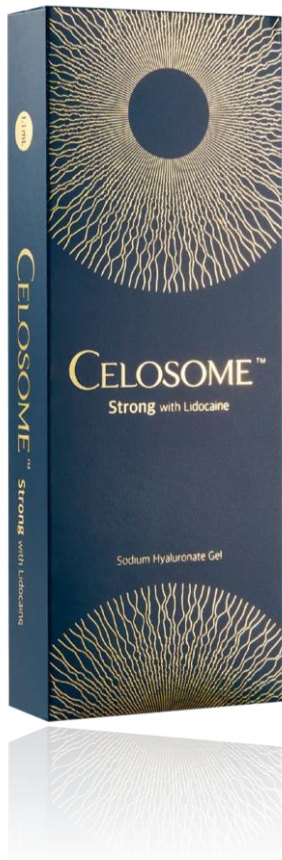
# Product Specification



## 1. Celosome™ Mid

1	Injection Site	Mid to deep dermis	<ul style="list-style-type: none"> <li>• All around contents of large/middle/small molecules of HA</li> <li>• Easy molding; moderate viscoelasticity</li> <li>• Improvement on all facial wrinkles &amp; natural volumizing</li> <li>• Lidocaine included; lower pain during injection</li> </ul>
2	HA Concentration	24 mg / mL	
3	Cross-linking	○○○●●	
4	Visco-elasticity	○○●●●	
5	Duration	9-18 months	
6	Indications	Nasolabial folds, forehead, marionette lines and face lifting	
7	Specification	1.1 mL / Syringe	
8	Packaging	1 Syringe / 1 Box	
9	Lidocaine	0.3 %	
10	Mannitol	-	
11	Shelf Life	24 months	
12	Storage	2~25°C	

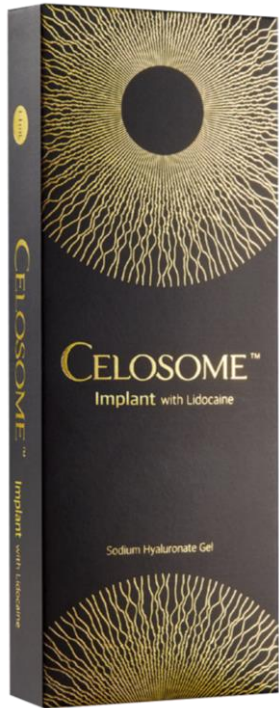
# Product Specification



## 1. Celosome™ Strong

1	<b>Injection Site</b>	Mid to deep dermis subcutaneous layer	<ul style="list-style-type: none"> <li>• Higher molecular weight of HA</li> <li>• Harder formulation, but smooth molding</li> <li>• Facial volumizing &amp; highlighting facial contour</li> <li>• Duration of 24 months at top</li> <li>• Lidocaine included; lower pain during injection</li> </ul>
2	<b>HA Concentration</b>	24 mg / mL	
3	<b>Cross-linking</b>	○○●●●	
4	<b>Visco-elasticity</b>	○●●●●	
5	<b>Duration</b>	12-24 months	
6	<b>Indications</b>	Nasolabial folds, deep wrinkles, nose, face lifting and contouring	
7	<b>Specification</b>	1.1 mL / Syringe	
8	<b>Packaging</b>	1 Syringe / 1 Box	
9	<b>Lidocaine</b>	0.3 %	
10	<b>Mannitol</b>	-	
11	<b>Shelf Life</b>	24 months	
12	<b>Storage</b>	2~25°C	

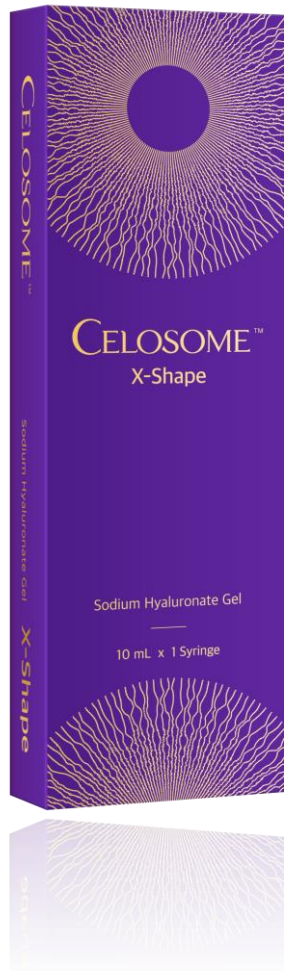
# Product Specification



## 1. Celosome™ Implant

1	Injection Site	Subcutaneous layer	<ul style="list-style-type: none"> <li>• The highest molecular weight of HA</li> <li>• Great viscoelasticity &amp; long duration</li> <li>• Formulating &amp; Highlighting facial contour including nose, chin</li> <li>• Lidocaine included; lower pain during injection</li> </ul>
2	HA Concentration	24 mg / mL	
3	Cross-linking	○●●●●	
4	Visco-elasticity	●●●●●	
5	Duration	12-24 months	
6	Indications	Facial contouring, chin and chick augmentation	
7	Specification	1.1 mL / Syringe	
8	Packaging	1 Syringe / 1 Box	
9	Lidocaine	0.3 %	
10	Mannitol	-	
11	Shelf Life	24 months	
12	Storage	2~25°C	

# Product Specification



## 1. Celosome™ X-Shape

1	Injection Site	Deep subcutaneous layer	
2	HA Concentration	24 mg / mL	
3	Cross-linking	○○●●●	
4	Visco-elasticity	○●●●●	
5	Duration	12-24 months	
6	Indications	Body contouring	<ul style="list-style-type: none"> <li>• Higher molecular weight of HA</li> <li>• Harder formulation, but smooth molding</li> <li>• Body contouring</li> <li>• Duration of 24 months at top</li> </ul>
7	Specification	10 mL / Syringe	
8	Packaging	1 Syringe / 1 Box	
9	Lidocaine	-	
10	Mannitol	-	
11	Shelf Life	24 months	
12	Storage	2~25°C	



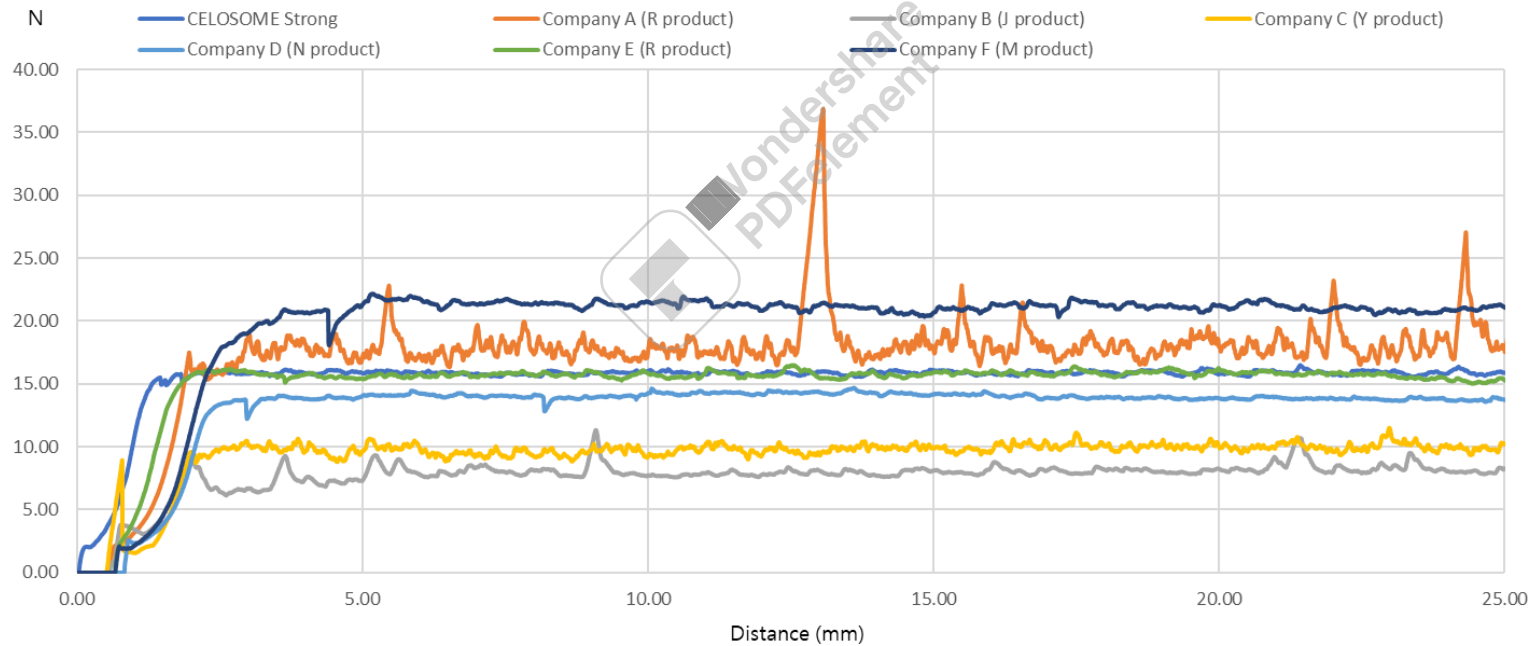
# Product Features

CELOSOME™

# Product Features

- **Excellent Injection force**

- Even & stable injection force



EXTRUSION FORCE	CELOSOME™ Strong	Company A (R product)	Company B (J product)	Company C (Y product)	Company D (N product)	Company E (R product)	Company F (M product)
N	15.89	18.30	8.13	9.87	14.03	15.75	21.20

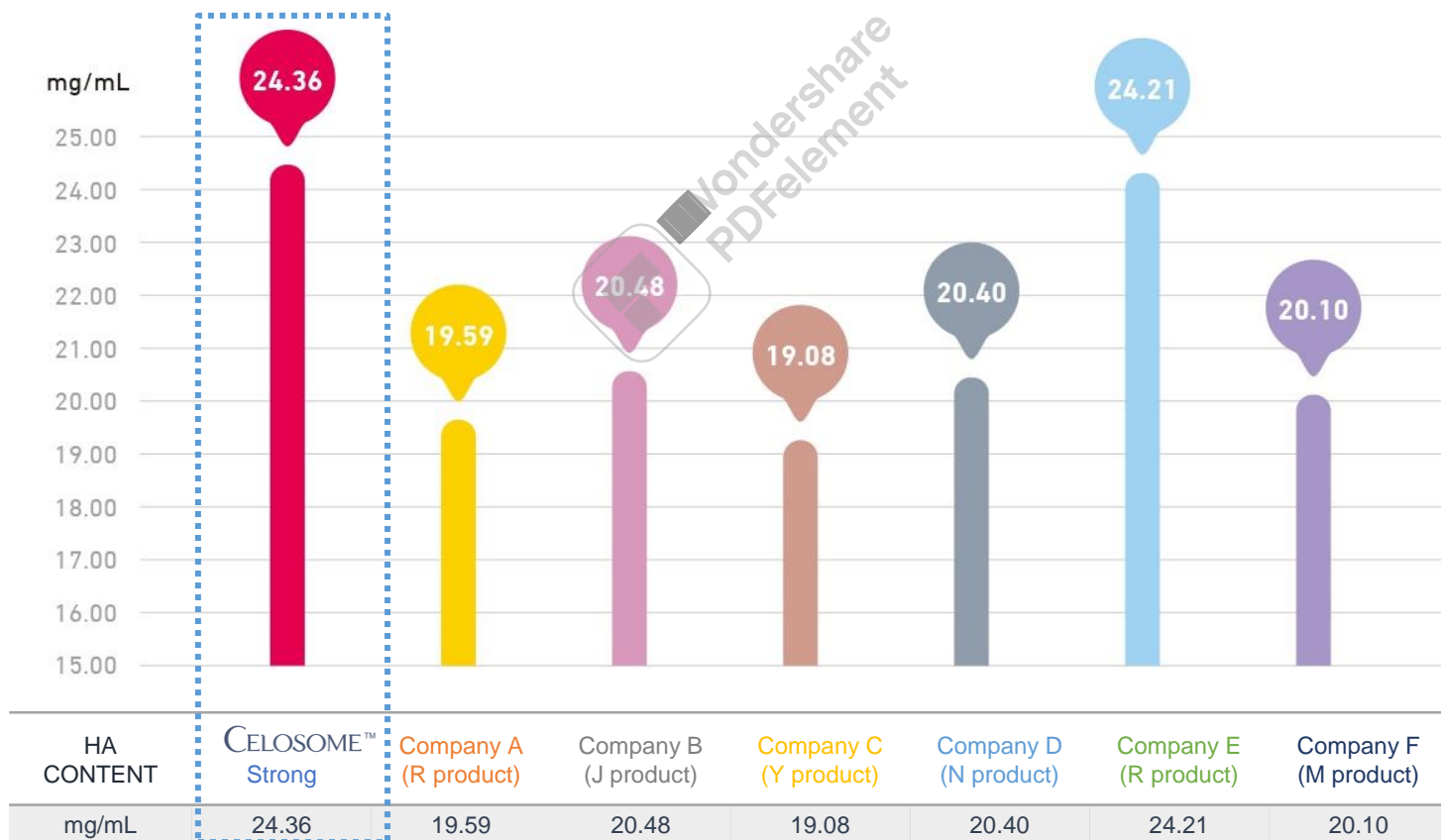
Reference : In House



# Product Features

## High Contents of HA

- Decreasing the amount of using BBDE and residual BBDE by putting higher contents of HA
- Higher contents of HA compared to other companies' products

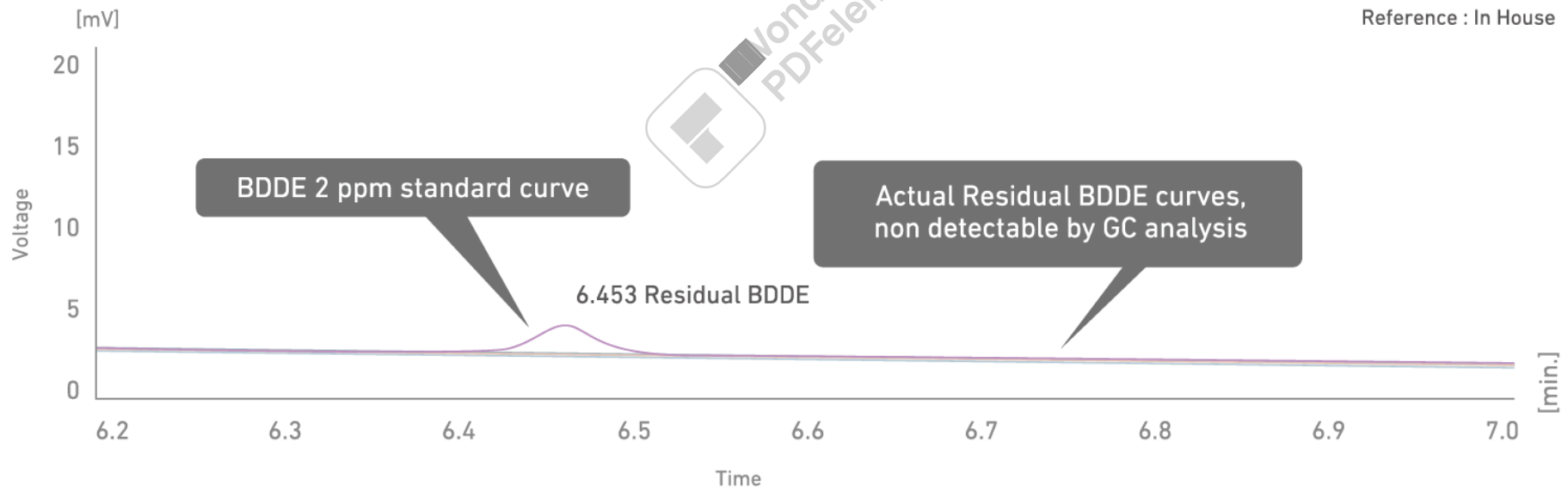


Reference : In House

# Product Features

## Minimizing of Residual BDDE

- The maximum residual BDDE amount regulated by KFDA is : 2ppm
- The residual amount of BDDE in our products is undetectable

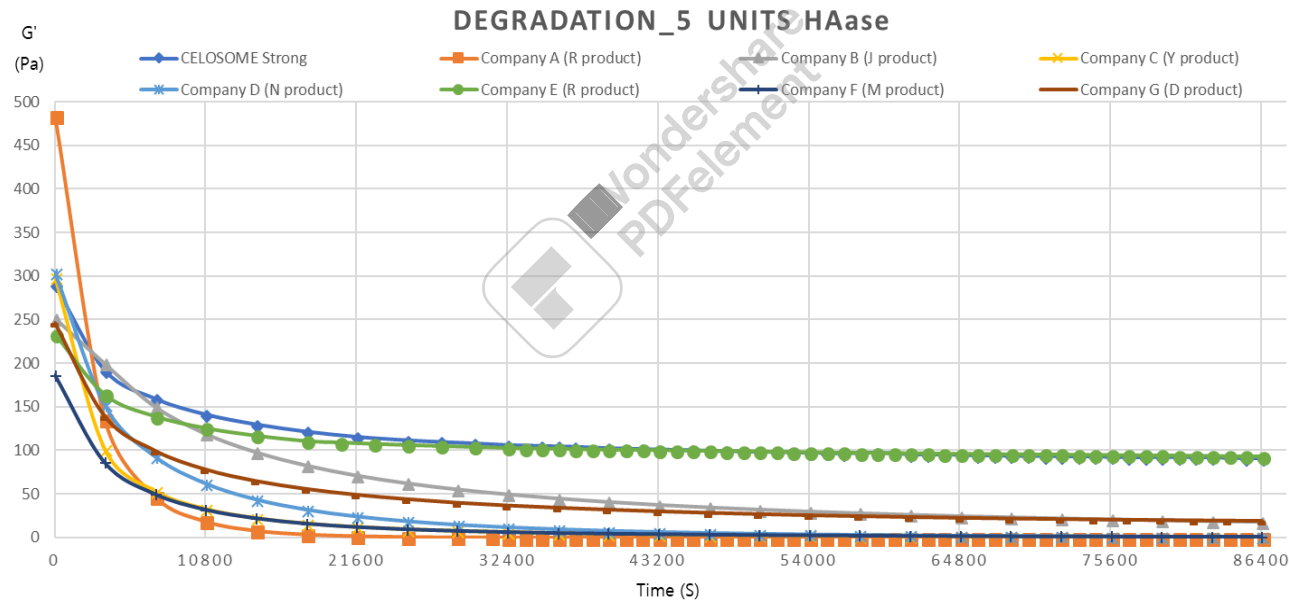




# Product Features

## Outstanding Viscoelasticity

- According to the change after injection, great viscoelasticity has been maintained after hours
- It proves how long our product can retain

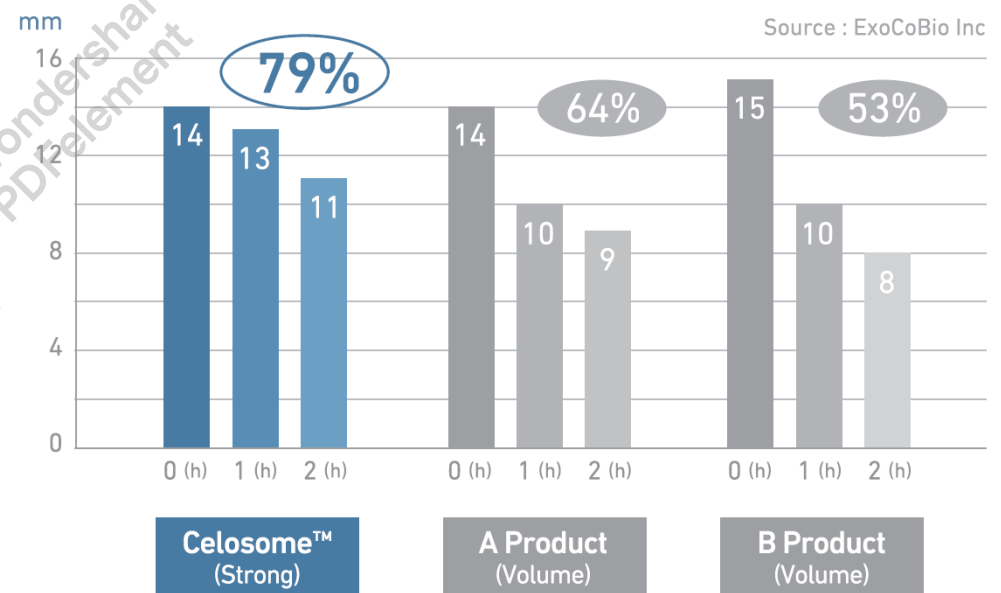
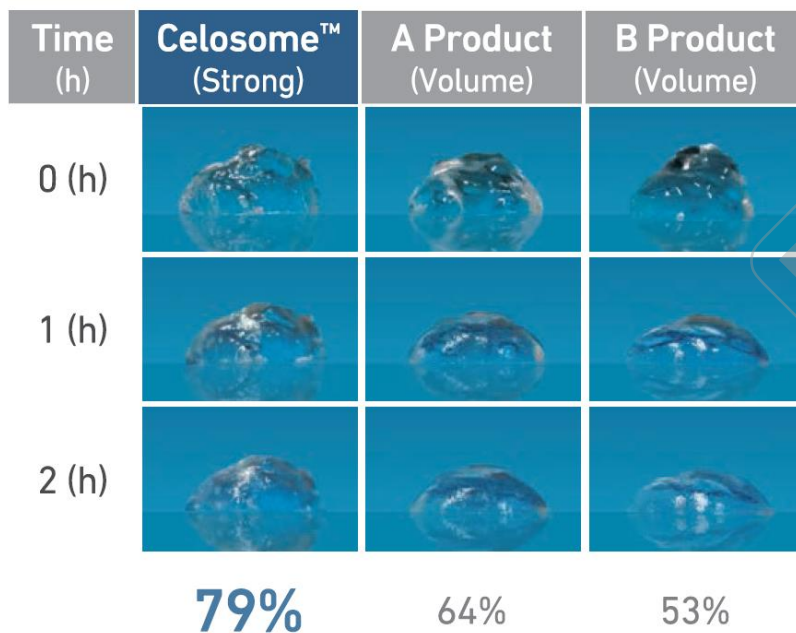


RHEOLOGICAL PROPERTIES	CELOSOME™ Strong	Company A (R product)	Company B (J product)	Company C (Y product)	Company D (N product)	Company E (R product)	Company F (M product)	Company G (M product)
Initial G' (Pa)	289.786	483.858	251.664	298.126	304.024	233.175	185.995	245.914
24 hours later G' (Pa)	90.9362	0.132596	18.3638	1.10401	0.857926	93.5068	1.2402	18.7611

Reference : In House

# Product Features

## ▪ Gel shape maintenance

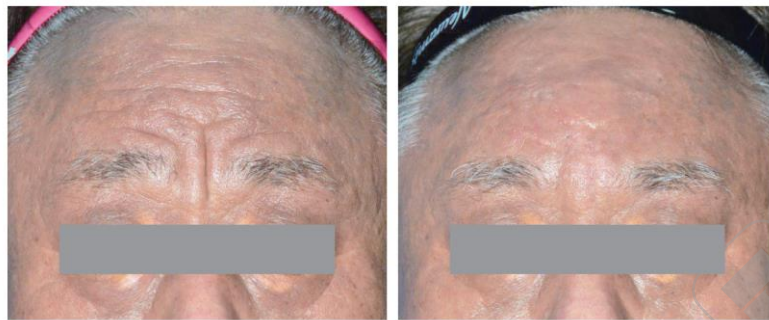


• The other products' gel shapes have changed by about 50 % in hours, while our product's has changed only by 20% over two hours.

- Longest duration as possible
- The best quality for customers' satisfaction

# Clinical Trials

Forehead lines & Frown lines



Before

After

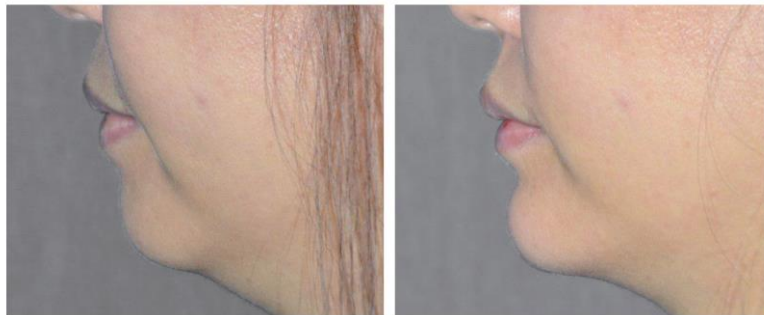
Cheek volumizing



Before

After

Chin crease



Before

After

**CELOSOME™**  
HYALURONIC ACID DERMAL FILLER



# Registrations & Certifications

CELOSOME™



# Registrations & Certifications



ISO 22716



ISO 13485



GMP (22')

# Registrations & Certifications



Small business confirmation



Venture business confirmation



Job invention compensation confirmation



Certificate of company attached research institute



Medical equipment manufacturing certificate



Manufacturer confirmation



Certificate of manufacturer



Certificate of free sales



Certificate of cosmetic manufacturer



Certificate of cosmetic free sales



Certificate of patent



# CELOSOME™

## THANK YOU



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