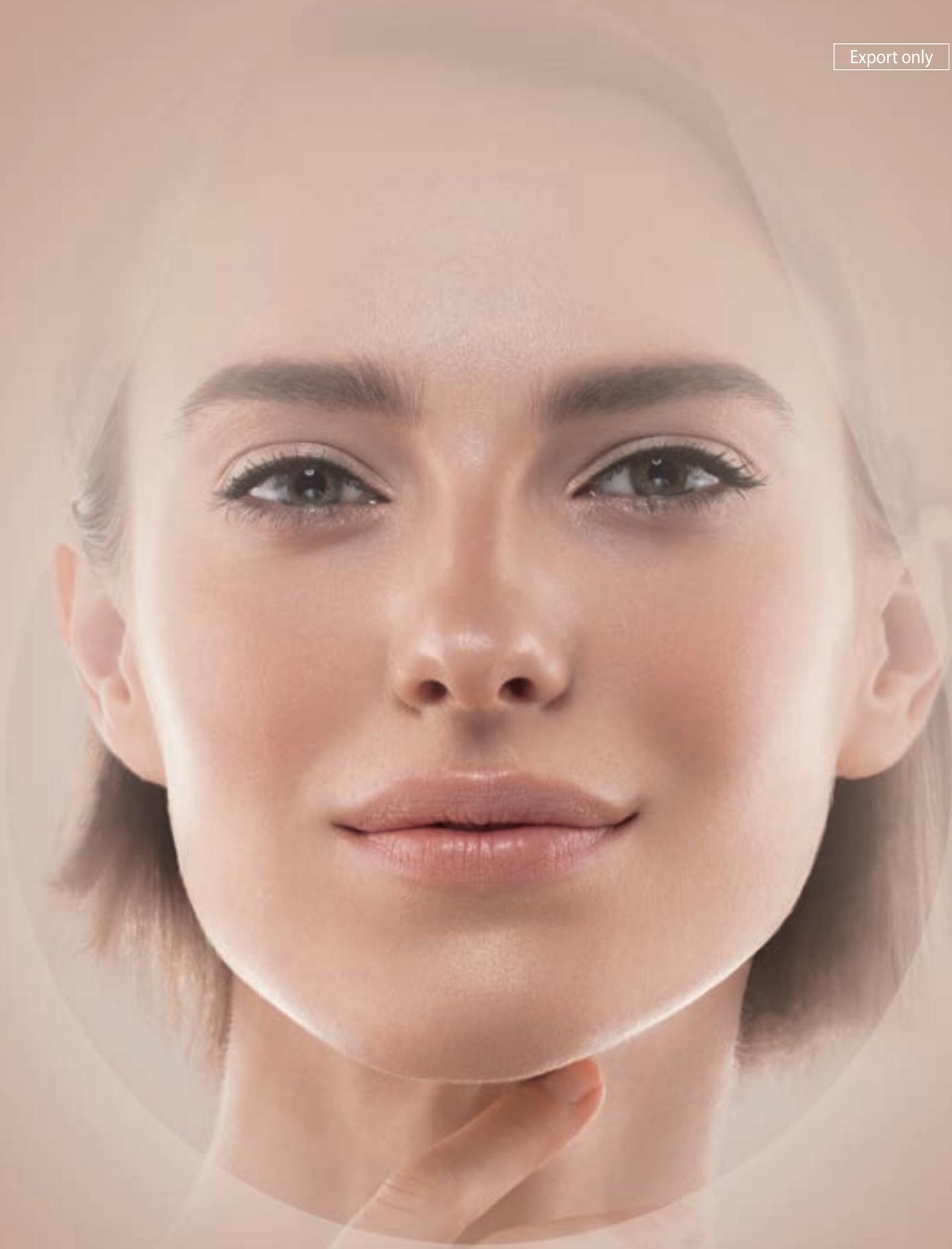
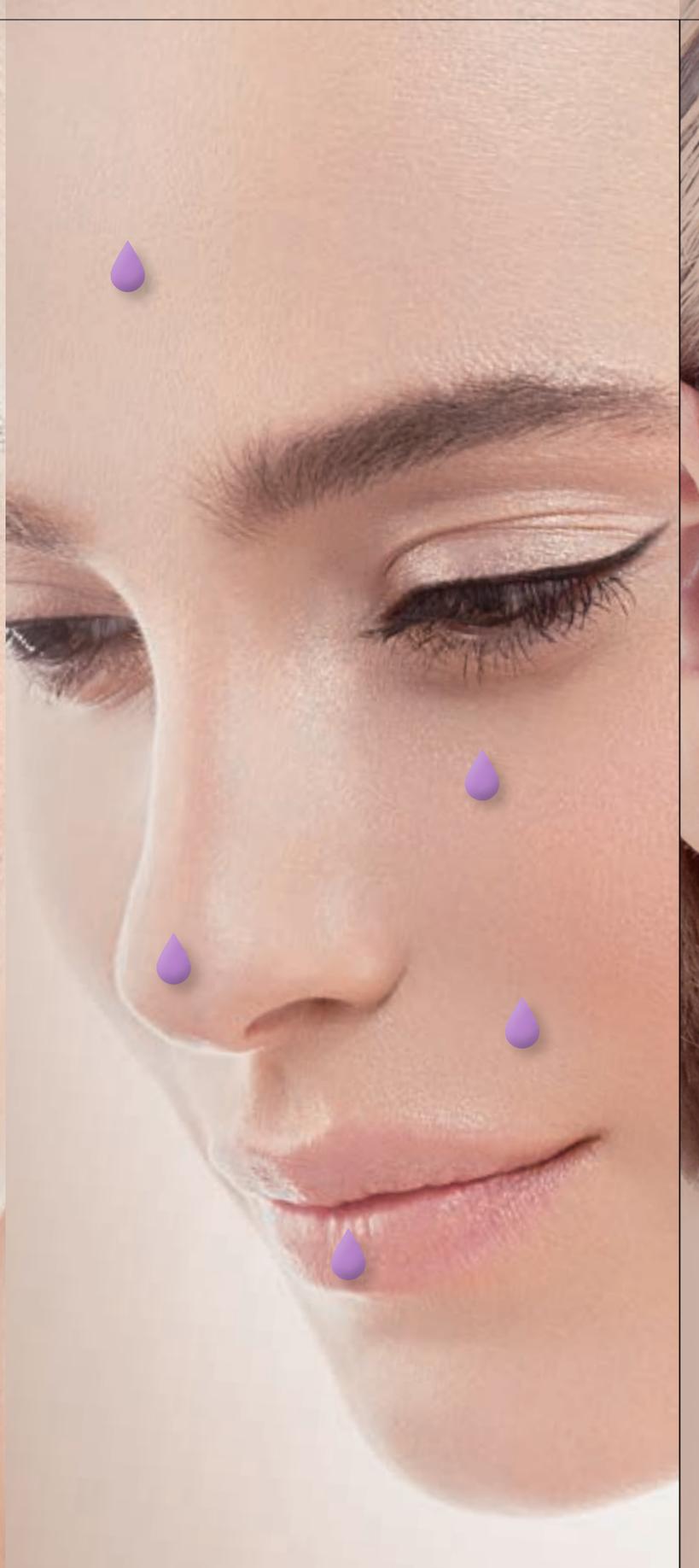


Export only



AiLEENE[•]

My time flows backwards



AiLEENE Vol#1

- Multi Layered Phasic, WFI used
- Hyaluronic acid 20mg/ml, Lidocaine 0.3%
- 1.0mL x 2 Syringes/Box
- 27G 1/2" & 30G 1/2" x 4 Needles
- Injecting Layer : Superficial, Mid Dermis



AiLEENE Vol#2

- Multi Layered Phasic, WFI used
- Hyaluronic acid 20mg/ml, Lidocaine 0.3%
- 1.0mL x 2 Syringes/Box
- 27G 1/2" x 4 Needles
- Injecting layer : Mid & Deep dermis



AiLEENE Vol#3

- Multi Layered Phasic, WFI used
- Hyaluronic acid 20mg/ml, Lidocaine 0.3%
- 1.0mL x 2 Syringes/Box
- 27G 1/2" x 4 Needles
- Injecting layer : Deep Dermis & Subcutis



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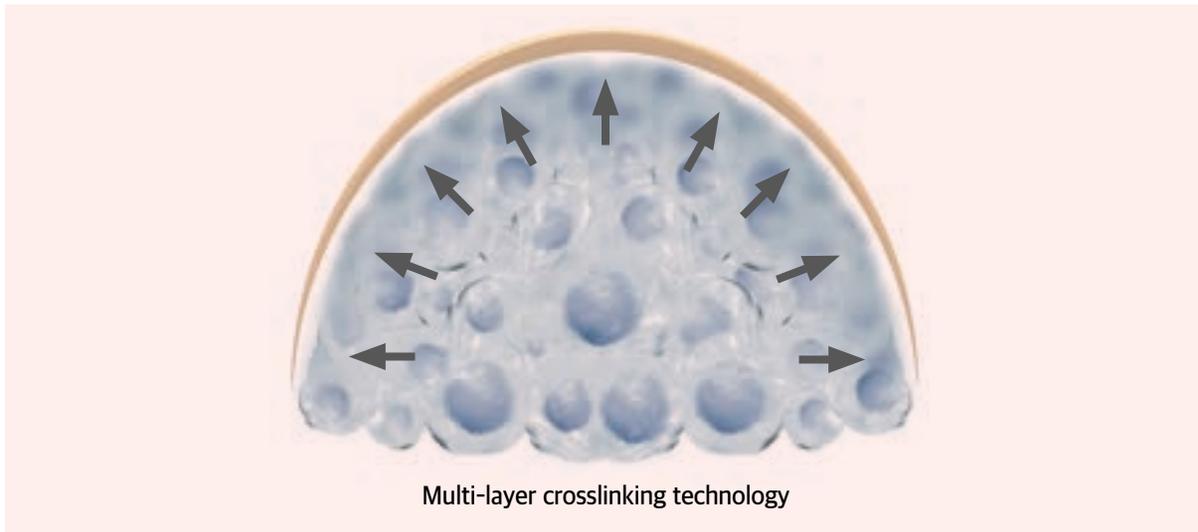
HYBRID CROSS-LINKING
TECHNOLOGY

01

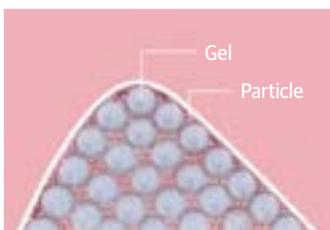
AiLEENE is gel & particle blended multi-layered Hybrid hyaluronic acid filler

**AiLEENE is Multi-layered phasic hyaluronic acid filler
in which two layers exist together over time in the body making natural results
with even and fine volume**

AiLEENE shows cross-linked gel surrounding the cross-linked particles, and the cross-linked gel mixed with R square technology evenly surrounds the cross-linked particles. The multi-layered structure reduces the situation in which cross-linked particles with relatively high recovery power come into direct contact with the treatment area and become unnatural.



Multi-layered Phasic



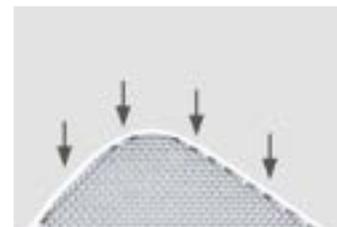
The combination of HA Particle and HA Gel provides good lifting and holding force.

Biphasic



The surface may be uneven and produce unnatural results.

Monophasic



It is easy to collapse due to its low elasticity.

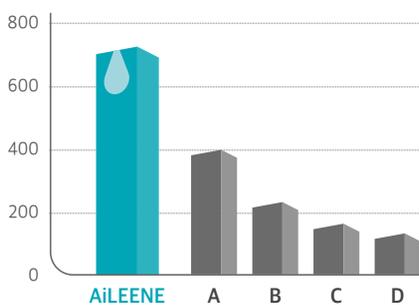
* R2 method is a process in which the paste is mixed by the method of revolution and rotation to uniformly mix two high-viscosity formulations.

AiLEENE has higher elasticity and viscosity

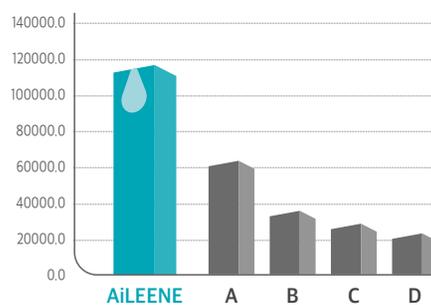
The experimental group showed better physical properties than the control group. It is considered as an effective treatment according to the doctor's intension.

	G'(Pa) Storage/Elastic modulus	η^* (Cp) Complex viscosity	G''(Pa) Loss modulus	Tan Delta (G''/G')	$G^*(\sqrt{G'^2 + G''^2})$ Complex modulus
AiLEENE	719.7	117,843	173.9	0.24	740.4
Control A	397.2	63,596	43.7	0.11	399.6
Control B	222.8	36,045	40.9	0.18	226.5
Control C	185.8	30,038	33.4	0.18	188.8
Control D	164.9	26,651	29.4	0.18	167.5

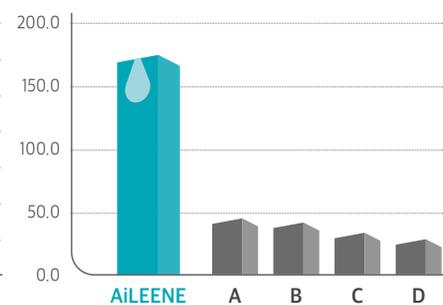
Storage/Elastic modulus (G') [Pa]



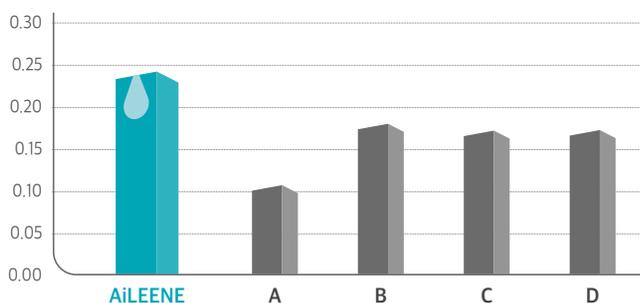
Complex viscosity [Cp]



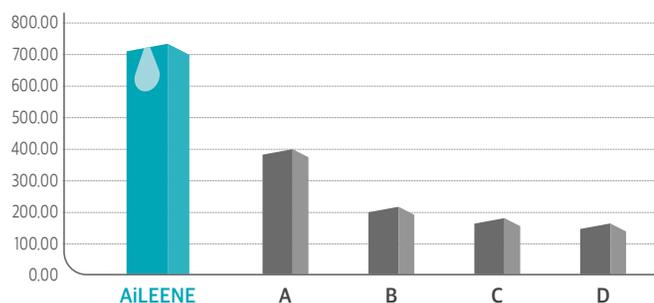
Loss modulus (G'') [Pa]



Tan Delta (G''/G')



Complex modulus (G*)



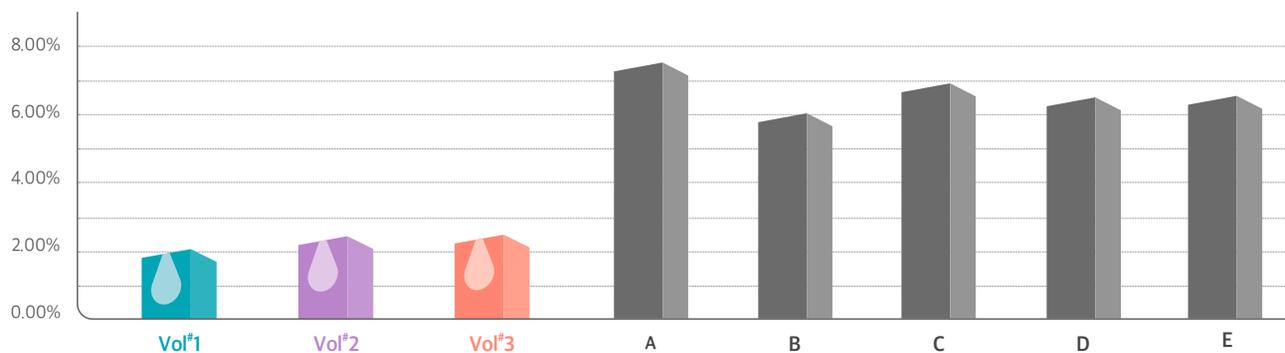


AiLEENE is safe

- **BDDE(1,4-butanediol diglycidyl ether), the cross-linker for hyaluronic acid filler, is one of the most common causes of allergic reactions.**
- **The measurement of MOD(Modification of degree) is a measure that can indirectly project the delayed inflammatory reaction that can take place after the injection of HA filler.**

MOD (Modification of degree)

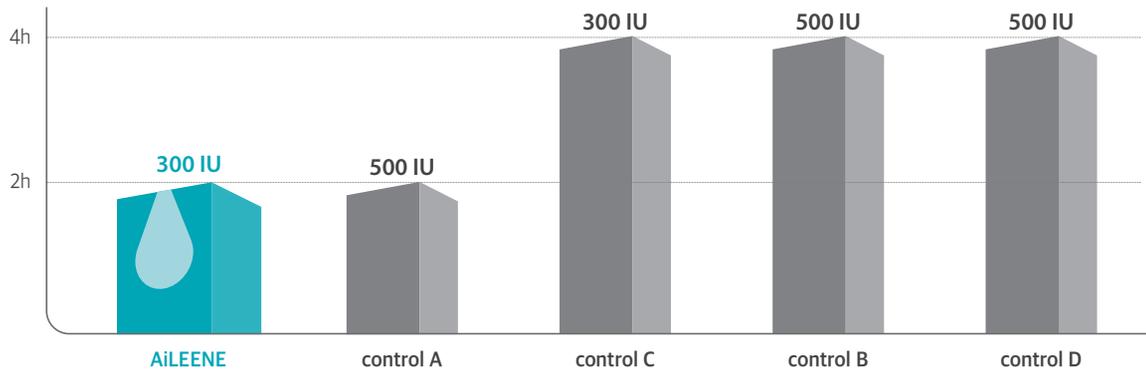
Product	Vol#1	Vol#2	Vol#3	A	B	C	D	E
MOD	2.14%	2.44%	2.45%	7.36%	6.02%	6.95%	6.42%	6.48%



AiLEENE is melting fast by hyaluronidase and hardly remaining any residue

The effect of HA filler should last for a long time.
In addition, it would be convenient if the filler is easily dissolved by the hyaluronidase concentration that cannot exist in the body.

HA Sensitivity by Hyaluronidase



Ref. Analysis of Rheology- Data on File / CGBio R&D Lab, CGLU-20241300

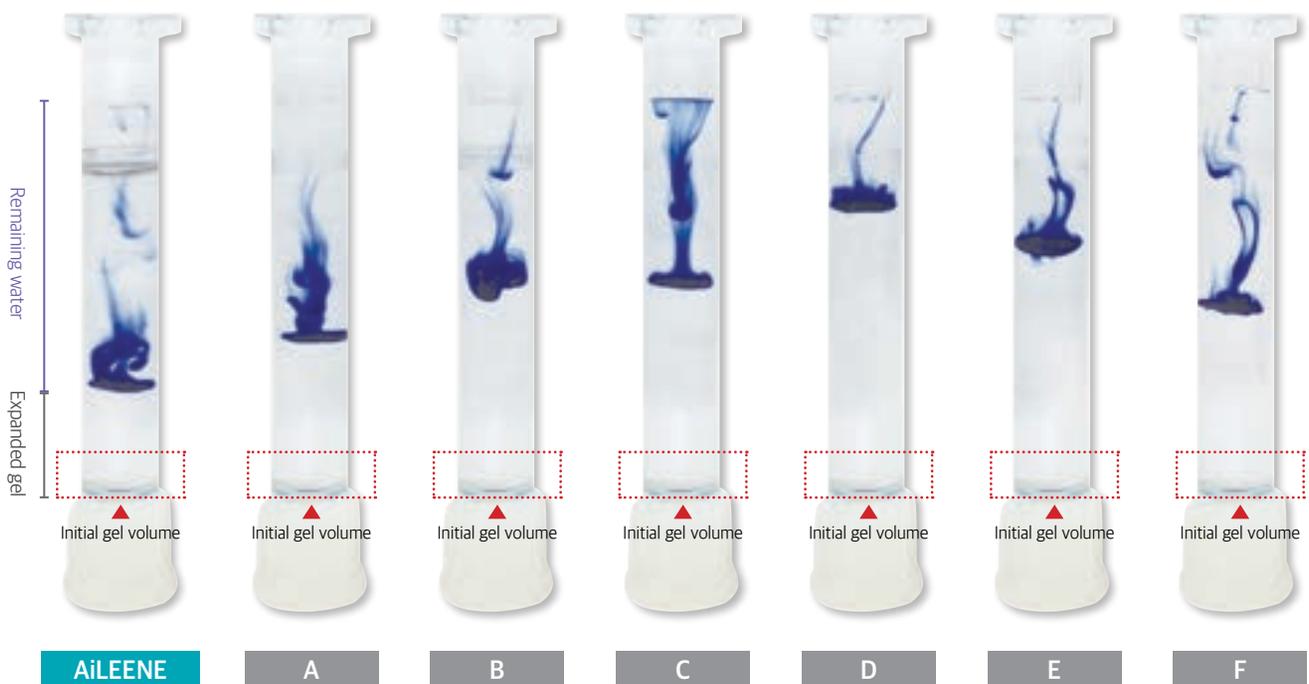
Basics of Dermal Filler Rheology. Dermatol Surg 2015;41:S120-S126.

Hyaluronidase in the correction of hyaluronic acid-based fillers: a review and a recommendation for use. J Cosmet Dermatol 2009;8:317-23.

HA sensitivity by hyaluronidase - Data on File / CGBio R&D Lab, CGLU-20241100

AiLEENE is amply hydrated to minimize the swelling and edema after Tx

If HA dermal filler is not hydrated sufficiently, it absorbs the moisture of surrounding tissues rapidly through osmotic pressure, in consequence causing swelling and edema. Measuring the hydration of HA dermal fillers will help to determine the product safety and predict outcome of the procedure.

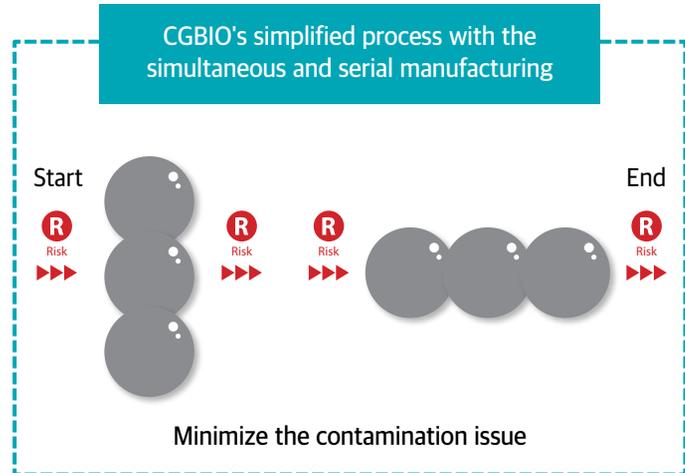
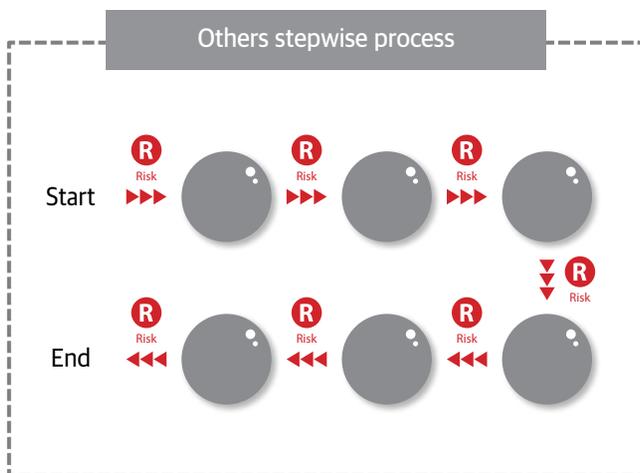


TEST METHODS

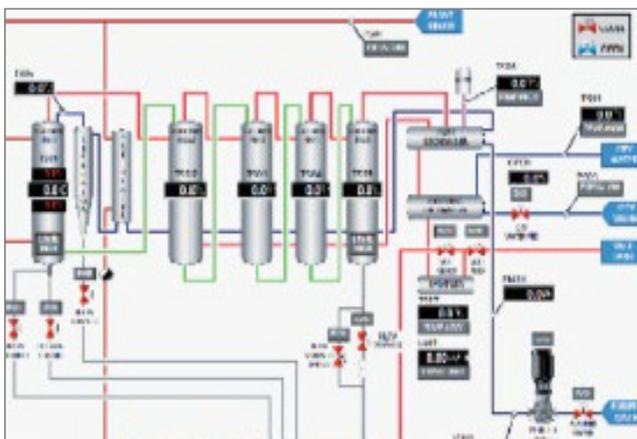
- Mix Gel and PBS (Gel : PBS=200 ul : 1200 ul)
- Voltexing for 1 hour to hydrate the Gel
- Centrifuge at 3500rpm for 10 minutes
- 10ul of the dye is dropped
- Control group : A, B, C, D, E, F (Other makers' HA dermal fillers)

AiLEENE is manufactured in the facilities certified ISO13485, AATB & FDA HCT/P

- **Simplified manufacturing process** to minimize the contamination issue



- **WFI distiller & clean steam generator system**
To apply the Water for injection not just purified water



- **Fully automated system**
To maintain uniform quality levels of the products





AiLEENE[®]

My time flows backwards

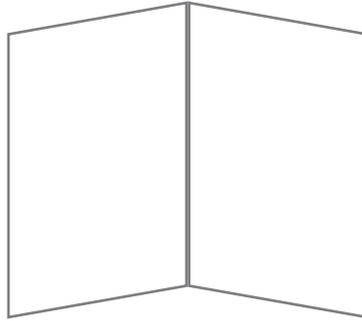




13485

AiLEENE[®]





품목명	아일린 12p 영문 브로셔
디자인담당자	조정우
규격	210 x 297 mm (A4) x 12 페이지 (펼침 : 420 x 297 mm (A3))
종이	표지: SW 250g / 내지: SW 180g
인쇄	양면 4도 + 별색 4도 (Pantone 877c, Pantone 7710c, Pantone 2573c, Pantone 170c)
코팅	무광코팅(표지, 뒷지)
제본	중철제본
돌출코팅 (에폭시)	없음
형압 (사이즈)	없음
박 (사이즈)	없음
기타	오시