

Brightening

Clear & Tone up
+ Brightening



AMI TONE UP

[/Brightening]

5 ml / 6 vials



Sodium DNA; Ascorbic Acid; Niacinamide;
Tranexamic Acid; Succinic Acid;
Glutathione; Arginine; Copper Tripeptide-1;

Why AMI TONE UP?

Key Performance

Brightening	Healthy Glowing	Regeneration
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AMI Eyes PN is cherished worldwide, becoming a staple product now exported to 40 countries. While initially celebrated for its remarkable under-eye skin regeneration effects, we recognized the growing demand for full-face clarity and tone enhancement.

After two years of dedicated research, we are proud to introduce AMI TONE UP.

This new product combines the trusted quality of PN with an added brightening function, offering an unparalleled experience that surpasses conventional skin boosters.

Skin Brightening

It enhances the overall skin tone, imparting a radiant glow from within, while effectively reducing the appearance of freckles and improving pigmentation for a noticeable tone-up effect.

Pain-Less Technology

Compared to the AMI Eyes, this formulation features an increased PN (Polynucleotide) content and incorporates our advanced Pain-Less technology. Clinical trials have shown that despite the higher PN concentration (2.5mg/1ml), the procedure is significantly more comfortable, with reduced pain experienced by patients.

Vegan Exosome

This product also promotes fundamental skin improvement by strengthening the skin barrier, achieved through a collaboration with vegan exosomes. Its high-efficiency activation mechanism maximizes the recovery of damaged skin and invigorates the skin's natural vitality. Additionally, by utilizing 'non-irritating' ingredients with a human skin reactivity and irritation index of 0.00 as key components, the product ensures stable and safe skin cell proliferation.

AMI TONE UP is a skin booster with a super-regenerative function for the skin through a collaboration of plant exosomes and salmon ingredients.



Why AMI TONE UP?

Key Solution

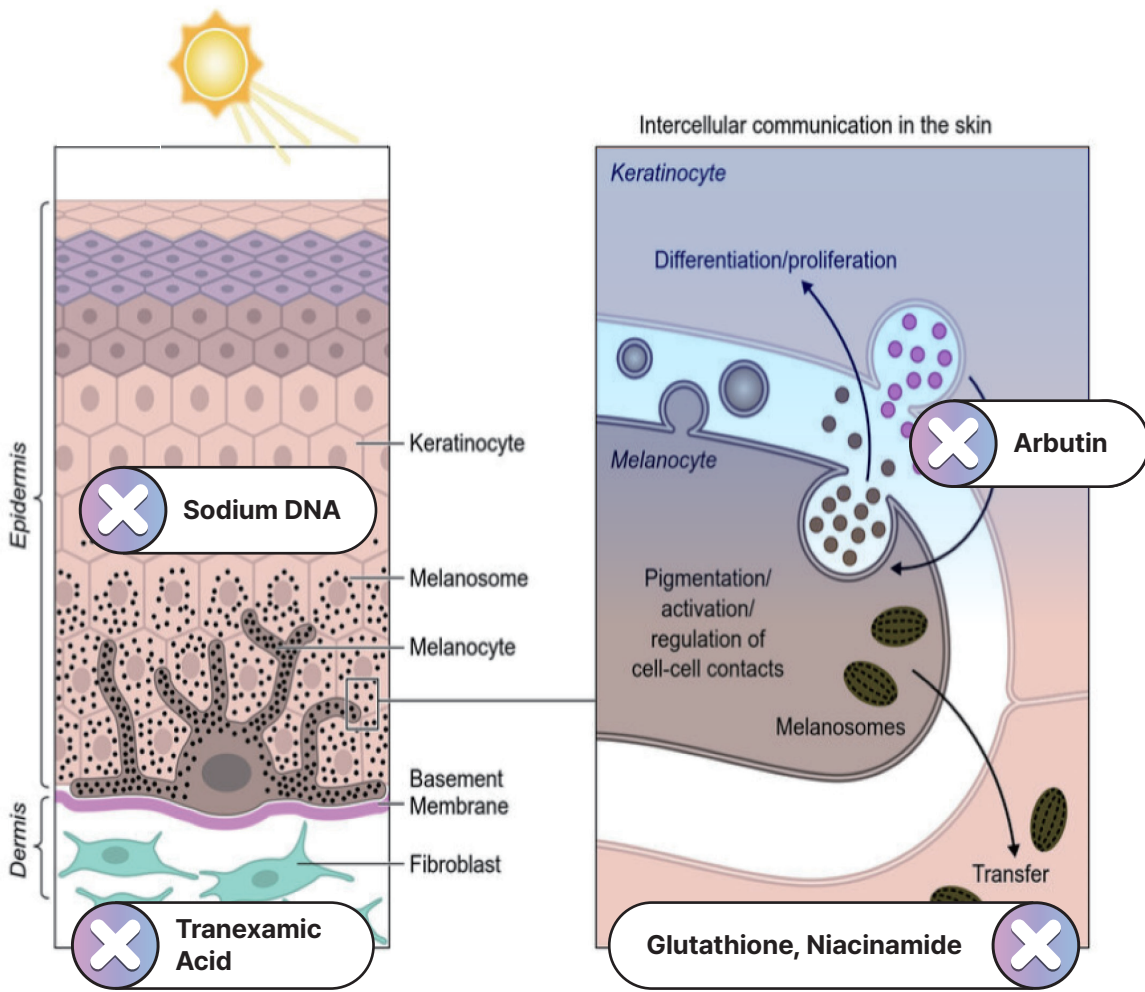


Professional solution that provides differentiated skin changes

TREATMENT

How Does Brightening Agents Work?

Principle



Sodium DNA

Inhibiting tyrosinase within melanocytes

Tranexamic Acid

Increase in mast cells

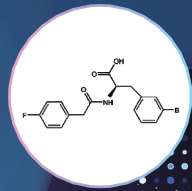
Arbutin, Glutathione, Niacinamide

Inhibition of melanosomal transfer

Key Ingredient

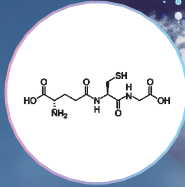
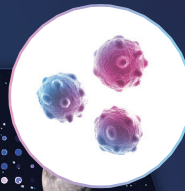
PN(Sodium-DNA)

Help fade existing pigmentation and prevent the formation of new spots, resulting in a more even and radiant skin tone.



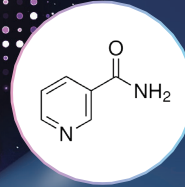
Vegan Exosomes

Induces skin regeneration from the cellular level, and simultaneously improve various skin concerns such as improving skin troubles, improving skin tone, and oil-moisture balance.



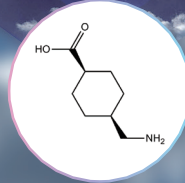
Glutathione

Inhibit melanin synthesis and activation, reduce pigmentation.



Niacinamide

Helps reduce inflammation and hyperpigmentation, smooth overall skin texture, and brighten skin.



Tranexamic Acid

Acts as a brightening agent to reduce dark spots and improve hyperpigmentation.

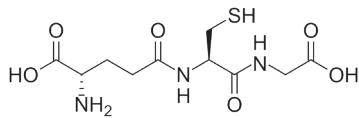
Ingredient

#1 Glutathione

Glutathione is a tripeptide made up of glycine, cysteine, and glutamic acid.

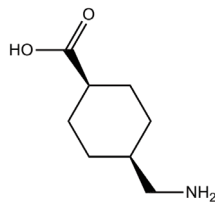
It is produced by the liver and is involved in several biological functions.

It is primarily used to reduce minor cosmetic defects, brighten the complexion, and correct uneven skin tone.



#2 Tranexamic Acid

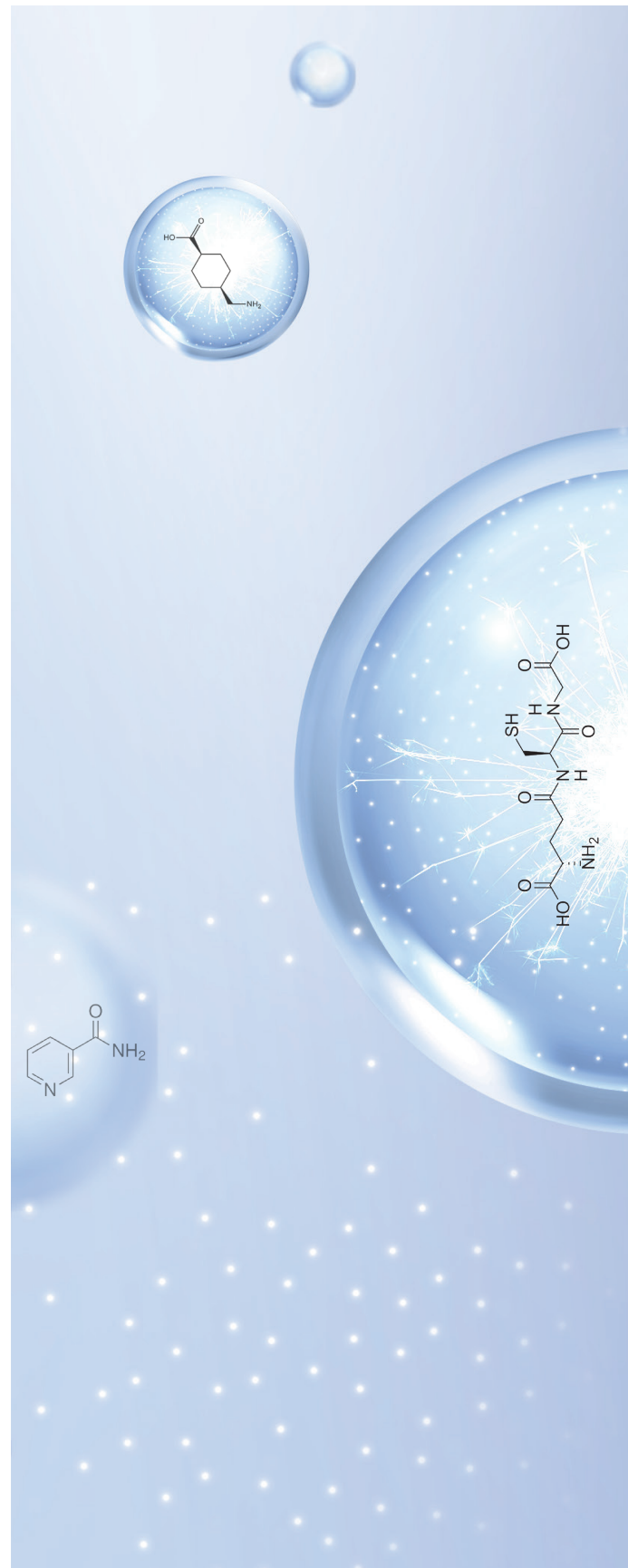
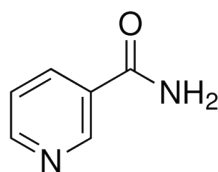
Tranexamic acid works to actively improve existing skin discolorations and also helps prevent the formation of new dark spots.



#3 Niacinamide

Niacinamide (nicotinamide) is a water-soluble form of vitamin B3 best known for its multiple skincare benefits.

As a skincare ingredient has potent anti-inflammatory, anti-acne, skin brightening, and anti-aging properties.





#4 PN(Sodium-DNA)

Polynucleotides are tiny purified molecules injected into the skin which encourage it to maintain its youthful appearance.

They are commonly referred to as biostimulators or biorevitalisers. This injectable is a cosmetic treatment quickly gaining popularity due to its ability to promote skin regeneration and encourage revitalisation naturally.

“Medical grade PN stimulate wound recovery through boosting the rate of growth of fibroblasts, and promote the synthesis of collagen and elastin to increase the density and thickness of the skin dermis.”

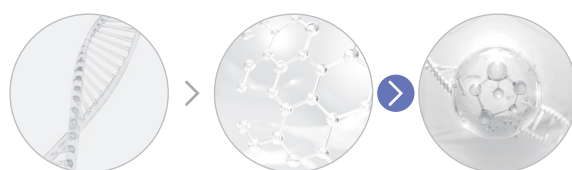
Physicochemical Properties

- Hydration Effect
- Scaffolding Effect
- Long Lasting Effect

Biological Properties

- Epidermis Dermis Regeneration
- Collagen Non-collagen Protein Secretion
- Ecm Restoration

PN : DNA Polymer 'Skin Healing Activator'



#5 Vegan Exosome

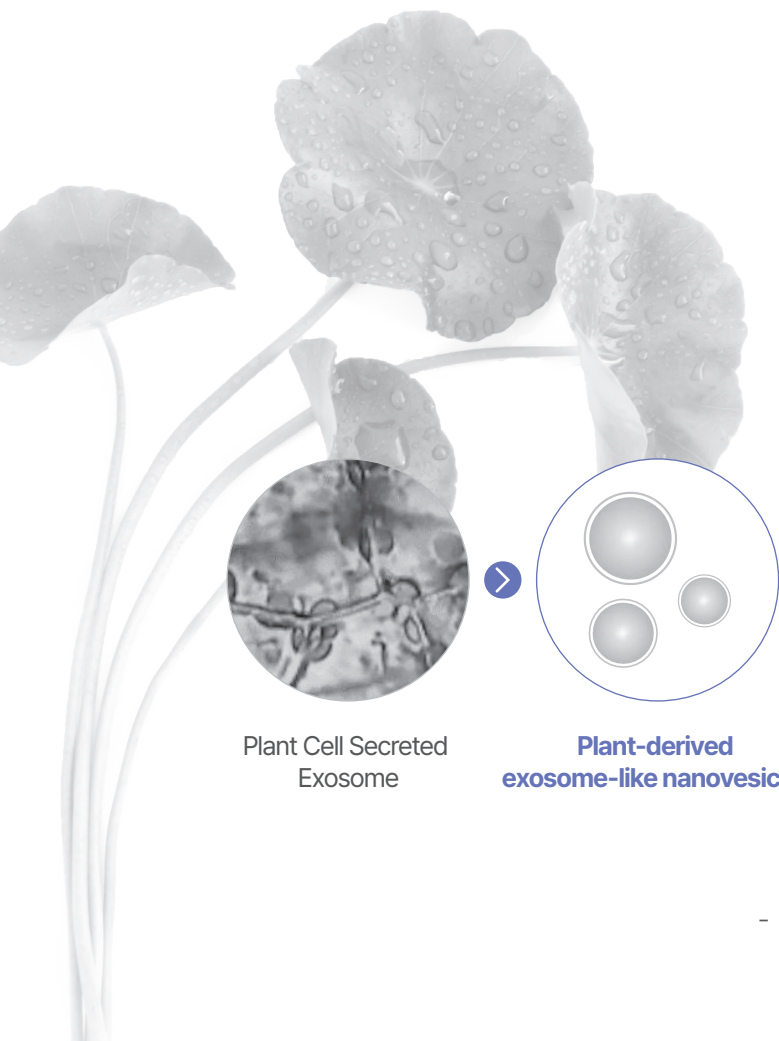
The exosome used in Ami tone up is a 'non-irritating' ingredient with a human skin reactivity and skin irritation index of 0.00, using 'Pyeongpoom callus extracellular vesicles' as its core raw material.

In addition to brightening agents, it also provides stable effects of vegan exosomes.

We made it possible for you to look forward to it.

Plant-based exosomes not only retain the ability of stem cells to help skin cell recovery, but are also nano-sized and have the same phospholipid structure as cell membranes, so they are quickly absorbed by moving between cells.

High-efficiency activation maximizes the recovery of damaged skin and boosts the skin's natural energy, allowing you to see a completely different skin condition after the treatment.



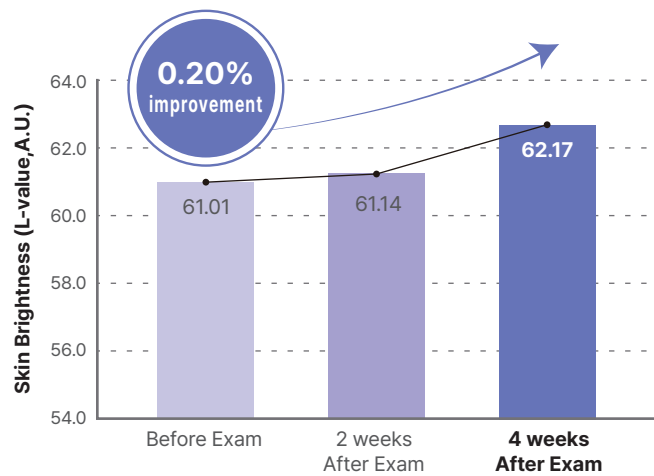
Plant Cell Secreted Exosome

Plant-derived exosome-like nanovesicles

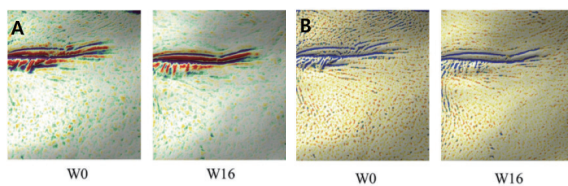
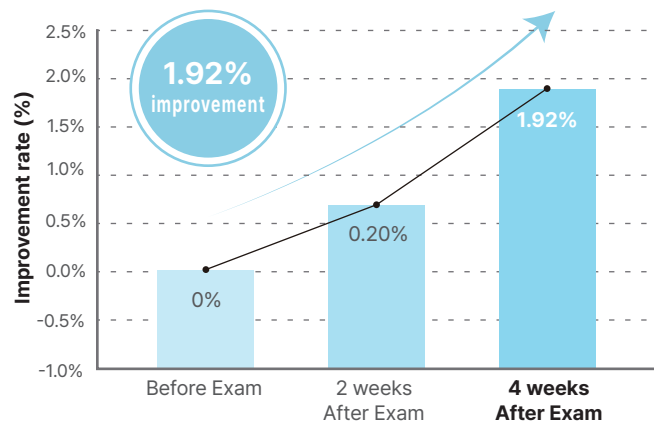


Effect of Brightening

Improvement In Skin Brightness



Skin Brightness Improvement Rate



AMI TONE UP

[/Brightening]

Packing	Storage	Cautions
5 mL × 6 vials / 1 box [Individual packaging]	Sealed container, Keep out of direct sunlight. Keep at room temperature (1 ~ 30°C)	Consult with an expert if symptoms such as rashes, redness, or itching appear. Not to use over dose. Do not use if packaging is damaged.

Indication

Indicated to be injected in the epidermis or dermis of the face

Infiltration Layer

EP (50 um, 0.5 mm)	Epidermo-Dermal Junction	Moisturizing, Whitening barrier
PD (100 um, 1.0 mm)	Papillary Dermis	Anti-Winkles, Anti-Oxidation, Brightness
RP (150 um, 1.5 mm)	Reticulo-Papillary Junction	Soothing

Injection Technique

Skin boosting 0.02 ml / point	EP or PD	Moisturizing, Whitening barrier
Lifting 0.05 ml / point	PD or RP	Anti-Winkles, Anti-Oxidation, Brightness
Wrinkle line linear infiltration	PD	Anti-Wrinkles
Distance, Volume / point	0.50 ~ 1.50 mm / 0.02 ~ 0.05 cc	
Complementary Procedure	Squeeze, Massage, Soothing Mask Pack	

Procedure

Use	Available 30G or 32G, 0.5 ml or 1.0 ml syringe / Meso gun or Multi-needle injector
Treatment cycle	3 sessions spaced out by 15 days + 2 sessions spaced out by 1 month



Testimonial

Glutathione, hyaluronic acid, polypeptide, amino acid and other active ingredients are added simultaneously to provide healthy, youthful and brightly shining skin through overall cell replacement from the inside out in the order the skin need.



BRIGHTENING
SKIN SOLUTION

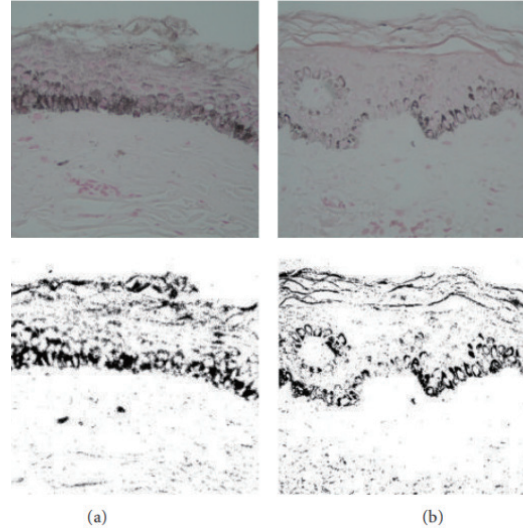
Main Ingredient

Brightening Components

Epidermal pigmentation reduction.

- (a) Basal melasma skin biopsy,
 - (b) skin biopsy posttreated with three components (glutathione, tranexamic acid, niacinamide) for brightening.
- (Fontana Masson, original magnification 40x).

Below is shown the measured positive areas for melanin using a computer-assisted image analysis program.

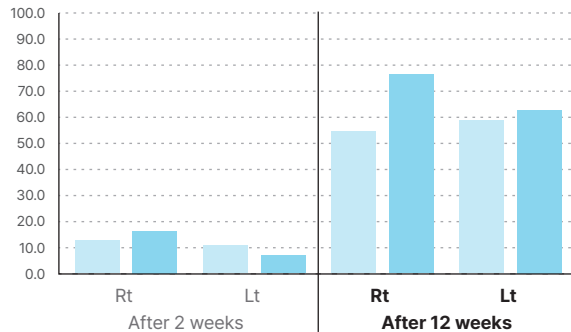


PN(Sodium-DNA)

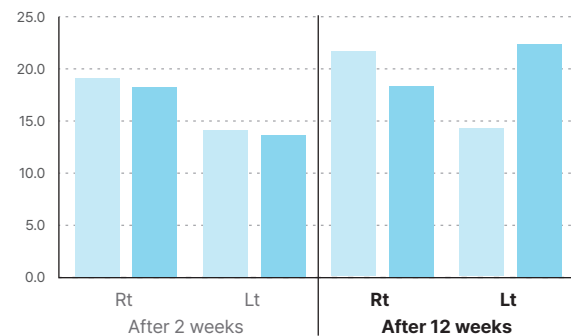
CERTIFICATE OF ANALYSIS N° 230533			
PRODUCT NAME: PN (raw material) Batch N° APH1206A		POLYNUCLEOTIDES (sodium salt, high molecular weight) Extraction from salmon milt Suitable for medical device	
MANUFACTURER NAME: HTL - Z.I. de l'Assailerie - 35133 JAVENE - France - Phone + 33 (0)2 99 99 37 37			
Manufacturing date: March 2023 Expiry date: March 2026 Concentration: The product should be stored at + 2°C + 3°C, in its original packaging, well closed. Reference: Current European Pharmacopoeia and Technical file (CT-PB0447)			
CONTROLS (EP reference method)	SOP	SPECIFICATIONS (TIS, PP, APH, Kiers, PP)	RESULTS
Appearance	Visual	White or almost white fluff. Slightly soluble in water, insoluble in ethanol.	Complete
Solubility	Visual		Complete
Identification			
Phosphoric acid (2.1.18)	C1.LAB-001	Positive	Positive
Deoxycholic acid (2.1.19)	C1.LAB-112	Positive	Positive
Pure base (Anionic character) & pyrimidic bases (Cytosine/Thymine) (2.2.29)	C1.LAB-001	Positive	Positive
Sodium (2.2.37 or 2.2.1)	C1.LAB-075	Positive	Positive
Titre		Clear	Complete
Appearance of solution 0.1 (0.1% w/v) in water	C1.LAB-001	A: 0.04 to 0.10	0.04 %
Absorbance at 260 nm (2.2.25)	C1.LAB-010	1.5 to 2.0	1.6
ATI (A % apparent reduced) (2.2.2)	C1.LAB-009	1.0 to 1.5	1.4
Purity (2.2.2)	C1.LAB-113	< 1.0 %	0.3 %
Free Nucleoside Chromatography (2.2.36)	C1.LAB-114	Positive control	Free Nucleoside
Loss on drying (2.2.32)	C1.LAB-007	Not less than 100.00%	100.00 %
Residual endotoxin (2.6.12)	C1.LAB-006	< 5.0 IU/mg	0.01 IU/mg
Microbiological quality - Number of viable aerobic microorganisms (2.6.12)	C1.LAB-004	< 100 CFU/g	< 5 CFU/g
- Bacteria (Total aerobic microbial count - TAMC)	C1.LAB-004	< 10 CFU/g	< 5 CFU/g
- Yeast and Mold (Total combined yeast and mold - TYMC)			
Optimum determination			
Phosphorus content (2.5.1)	C1.LAB-017	8.0 to 9.5 % on dried product	8.4 %
Chemical data (*)			
Ribonucleic acid (2.2.21)	C1.LAB-018	< 1.0 %	Complete
Deoxyribonucleic acid (2.2.22)	C1.LAB-019	8000 to 10000	Complete
Spectrophotometry (2.2.27)	C1.LAB-016	> 90 %	Complete
Sulfur (2.2.37) (KJ-650)	C1.LAB-114 (Subcontractor)	5.0 to 7.5 %	5.0 %
Calcium (2.2.38) (KJ-650)	C1.LAB-114 (Subcontractor)	< 500 ppm	Complete
Magnesium (2.2.38) (KJ-650)	C1.LAB-114 (Subcontractor)	< 500 ppm	Complete
Chloride (2.4.4)	C1.LAB-017	< 0.5 %	Complete
Sulfate (2.4.12)	C1.LAB-002	< 0.5 %	Complete
Nitrogen content (2.4.9)	C1.LAB-019	13.0 to 14.0 % on dried product	Complete
Physical properties - Class I (2.2.38) (KJ-650)	C1.LAB-114 (Subcontractor)	Specific gravity according to AFNOR G10 (Elementary properties, September 2012)	Complete
- Appearance		< 1.2 g/cm ³	Complete
- Cohesion		> 0.2 g/cm ³	Complete
- Load		> 0.3 g/cm ³	Complete
- Mold		> 1000 g/cm ³	Complete
Residual solvent (2.2.24) - Ethanol	C1.LAB-012	< 80 ppm (mg/ml 5%)	Complete
Nucleic bases nucleoside ratio (2.2.29)	C1.LAB-003		Complete
- A/T		0.94 to 1.10	Complete
- G/C		0.92 to 1.12	Complete
- (A+G)/(T+C)		0.92 to 1.12	Complete
Uronic content		Complete (2.2.32.2)	Complete
Assessment	Manager	Compliance Officer	Decision
Date: 26/05/23 Fisc: POUH	L. DUBAR Date: 26/05/23 Fisc: POUH	M. TILGOT Date: 26/05/23 Fisc: POUH	ACCEPTED

Certificate of analysis (CoA)
(HTL Biotechnology, Medical grade)

Skin dead cells improvement (% , mean)



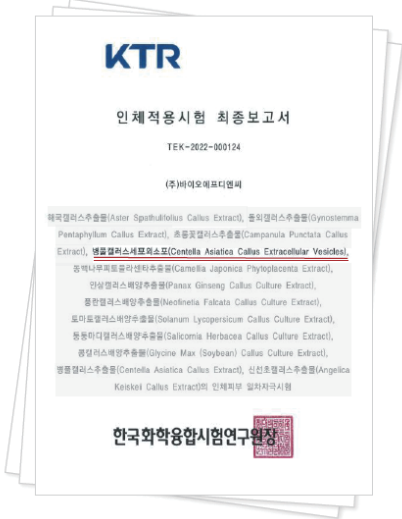
Skin moisture improvement (% , mean)



■ Forties
■ Thirties

Centella Asiatica Callus Extracellular Vesicles

인체피부 일차자극시험



TEK-2022-000124 Final Report

Appendix 2. (Continued)

시험코드	부작용 발생률(%) Centella Asiatica Callus Extracellular Vesicles				무자극				
	30분 후	2시간 후	30분 후	2시간 후					
TEK1242201	0	0	0	0	TEK1242217	0	0	0	0
TEK1242202	0	0	0	0	TEK1242218	0	0	0	0
TEK1242203	0	0	0	0	TEK1242219	0	0	0	0
TEK1242204	0	0	0	0	TEK1242220	0	0	0	0
TEK1242205	0	0	0	0	TEK1242221	0	0	0	0
TEK1242206	0	0	0	0	TEK1242222	0	0	0	0
TEK1242207	0	0	0	0	TEK1242223	0	0	0	0
TEK1242208	0	0	0	0	TEK1242224	0	0	0	0
TEK1242209	0	0	0	0	TEK1242225	0	0	0	0
TEK1242210	0	0	0	0	TEK1242226	0	0	0	0
TEK1242211	0	0	0	0	TEK1242227	0	0	0	0
TEK1242212	0	0	0	0	TEK1242228	0	0	0	0
TEK1242213	0	0	0	0	TEK1242229	0	0	0	0
TEK1242214	0	0	0	0	TEK1242230	0	0	0	0
TEK1242215	0	0	0	0	TEK1242231	0	0	0	0
TEK1242216	0	0	0	0	TEK1242232	0	0	0	0
					최저발생률	0.00		0.00	
					평균	무자극	합주	무자극	합주

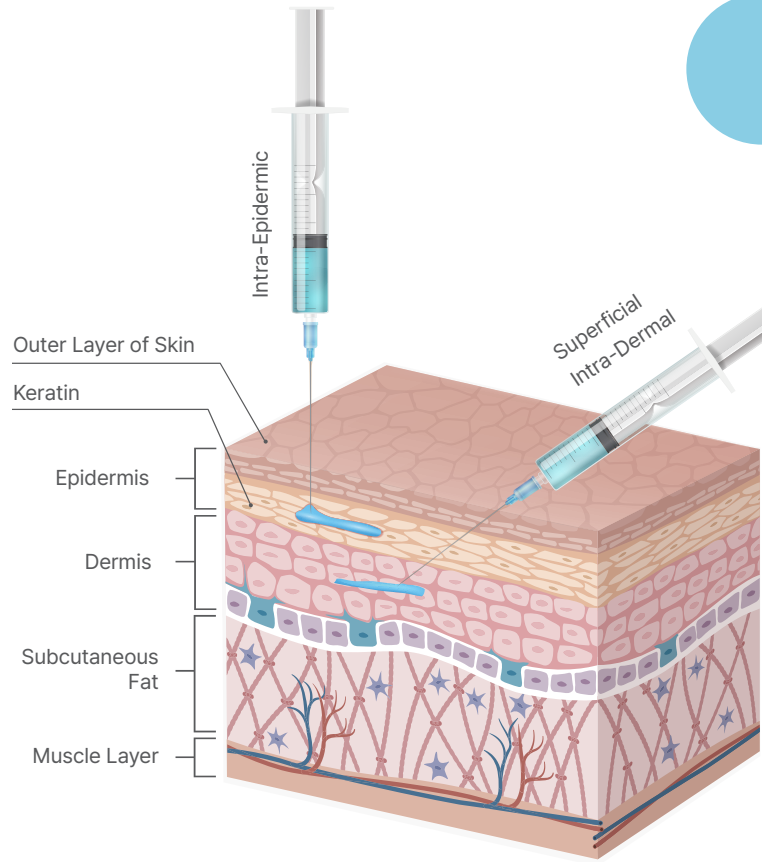
- Number of participants : 31 people (1 male, 30 female)
- Average age : 43.8±9.5 years
- Test method : Apply the product to the back for 24 hours and observe skin reaction 30 minutes and 24 hours after removing the patch.

'Centella callus extracellular vesicle' has a high human skin reactivity and skin irritation index. It appears as 0.00 and is judged to be a product in the "non-irritating" category.

[Human skin primary irritation test]

Guide Regimen

Layer	Intra-Epidermic (Superficial nappage)	Superficial Intra-Dermal (Papule)
Depth	< 1mm	1 ~ 2mm
Needle	30 ~ 32G	30 ~ 32G
Treat ment	Injection at intervals of 0.5-2cm, each injection point <0.1ml	
Usage	Use 30G or 32G, 0.5 ml or 1.0 ml syringe / meso gun (Meso gun)	
Procedure	15 ~ 30 days apart, 2 ~ 3 consecutive injections	



Basic Information

Usage	Single-Use
Application	Face Skin
Shelf Life	2 years (1 day after open)
Specification	5ml / vial

Brightening



AMI TONE UP

[/Brightening]