



Product Catalogue

Bee venom Micro-Filler Patches / Medibee Serum
MEDIBEE Intensive Cream / Collagen Tightening & Lifting Mask



Product Catalogue

Chung Jin Biotech

Chungjin Biotech is a nationally certified South Korean venture company leading the global beekeeping business. We developed the nation's first bee venom collector and honeybee artificial insemination instrument. We have dedicated ourselves to the development of biotechnology contributable to global technology pioneering and human progress, in order to invigorate the domestic beekeeping business in decline.

We've been recognized for our technological excellence and received new technology certification, with consistent R&D effort and investment, such as patent registration, utility model registration, and ISO 9001 & ISO 14001 certification. We were designated as an INNO-BIZ company, and an agriculturally, industrially, and commercially fused venture company by the Korea's Small and Medium Business Administration.

Also, to add great value to bee venom, we developed the functionally improved raw materials for cosmetics with antibacterial, antioxidant, and wrinkle improvement effects, and especially this time, the highly functional Medi Bee Melittin cosmetics by blending active components from purified bee venom and medicinal plant extract from nature.

We've successfully expanded the business as a professional bee venom cosmetic maker in the market, since the pre-launching of bee venom lifting face mask.



HISTORY

2021	September	MEDIBEE registration in USA			
2017	April	FDA DMF registration (melittin purified bee venom)	2009	April	Received the Gyeonggi Internet Trade Frontier Company Certificate
2016	May	Cosmetics manufacturing and sales company registration		April	Awarded with the KOTRA Seal of Excellence
2015	July	Address change (from Business Start-Up and Care Center, ERICA Campus, Hanyang University, to 3rd and 4th Floors, 15, Seongan 2-gil, Sangnok-gu, Ansan-si, Gyeonggi-do, Korea)		June	Selected as an Export Blue Chip Small- and Medium-Sized Enterprise
2013	June	FDA DMF registration (purified bee venom and isolated and purified bee venom)	2008	January	Changed its business name (from Chung Jin Tech Co., Ltd. to Chung Jin Biotech Co., Ltd.)
2012	September	Selected as a MAIN-BIZ company		January	Selected as an INNO-BIZ company
	November	Received the Gyeonggi Minister of Small- and Medium-Sized Enterprises and Start-Ups' Award (business growth)		April	Received the New Excellent Product (NEP) accreditation for its bee venom collector and honeybee artificial insemination instrument
	December	Received the Gyeonggi Minister of Small- and Medium-Sized Enterprises and Start-Ups' Award (export increase and management innovation)		September	Received the Food, Agricultural, Forestry, and Fishery Science Technology Exposition Presidential Citation
2011	January	Obtained CE certification (CJ-401)		December	Received the Gyeonggi Small and Medium Business-man Award in technology
	December	Certified as a material and component specialized firm	2007	July	Found a company-affiliated research institute
	December	Certified as a small- and medium-sized enterprise integrated with agriculture, industry, and commerce		July	Set up an exclusive R&D Department
2010	June	Obtained CE certification (CJ-401)	2006	February	Established as "Chung Jin Tech Co., Ltd."
	August	Certified as a material and component specialized firm		July	Reflected "corporation" in its business name (from Chung Jin Tech to Chung Jin Tech Co., Ltd.)
	November	Obtained the ISO 9001 Quality Management System Certificate and the ISO 14001 Environmental Management System Certificate		December	Received the Bronze Prize at the Korea Invention Patent Exhibition

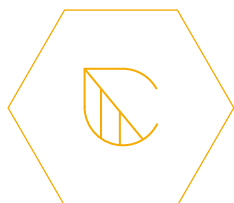
VISION



▶ **Leading International Technology**



▶ **R&D Oriented Company**



▶ **Customer Satisfaction**

CERTIFICATE



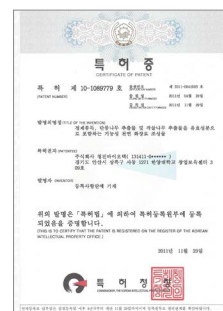
purified bee venom



Isolated and purified bee venom



Melittin purified bee venom





MEDIBEE SERUM

Paraben

ZERO

Pigment

ZERO

Harmful Ingredients

ZERO

As if to refresh and ease your tired mind, refresh your sensitive skin with MEDIBEE!

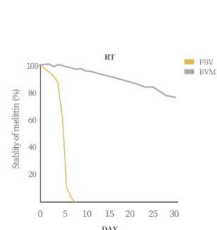
Formulation	Bee venom powder and ampoule are mixed and diluted Diluted formulation of bee venom powder and ampoule
Scent	Flower
Color	Transparency
Spreadability	Fresh and soft without stickiness

► One month intensive care solution for smooth skin

- POINT 01** Soothing sensitive skin under stress & sebum control.
- POINT 02** Protecting your skin from external stimuli.
- POINT 03** Improving wrinkles & moisturizing by giving elasticity to your skin.
- POINT 04** Strengthening skin barrier, and improving the skin texture for your elastic and smooth skin.
- POINT 05** Giving you a shiny, clear skin by improving the skin texture.

► Container design for maximum effect

MEDIBEE Serum is a serum that maximizes the active ingredients of bee venom by mixing powdered bee venom and serum ampoule just before use. Bee venom in aqueous solution maintains its efficacy for up to 7 ~ 8 days.



Yellow line : Purified bee venom (used for MEDIBEE serum)

Source of Thesis Data :

Korean Society of Analytical Science
(Cheongjin Biotech, Ann Cosmesh, 2016)

Description of the graph : It shows that the main ingredient(Melittin) is maintained for up to 8 days in an aqueous solution state(when the purified bee venom is dissolved in a water-soluble substance) under normal temperature (room temperature, RT) conditions.



For MEDIBEE serum, a special container was manufactured and patented to allow you to mix a powder and ampoule just before use.

Patent application 10-2020-0000707
Special container to mix two cosmetics

Skin care through natural peptide melittin.
Centella asiatica extract and sodium hyaluronate polysaccharide ingredient, a natural moisturizing factor (N.M.F), will moisturize your skin, making it shiny and vibrant, and bee venom peptide provides firm and elastic skin.



Purified bee venom of MEDIBEE Serum Optimal concentration for human skin

Content of purified bee venom 0.006%

► Four major ingredients other than melittin

Essential ingredient for your skin, peptide

It is a protein that makes up your body, and its small particles provide excellent skin absorption and help care wrinkles.

Melittin from natural active peptide, which is the main ingredient of bee venom

Melittin is a natural ingredient that accounts for 40-50% of bee venom, which is a natural active peptide, and has excellent resistance to harmful substances. It helps wrinkle care, soothing, reducing sebum and has a low risk of residual chemical substances.

Melittin
Peptide

► Four major ingredients other than melittin



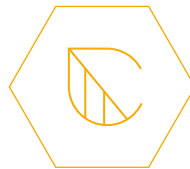
Royal Jelly

an antioxidant only eaten by a queen bee



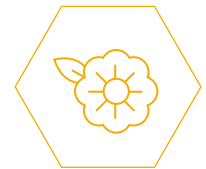
Adenosine

a functional natural raw material that is very effective in wrinkle care



Centella asiatica extract

which is excellent for tightening pores and sebum control



Matricaria flower extract

that soothes and revitalizes your skin

► How to use MEDIBEE Serum

STEP 01

Open the transparent lid and press the container once.
(Mix vitamin C and bee venom in the inner container with an aqueous solution)

STEP 02

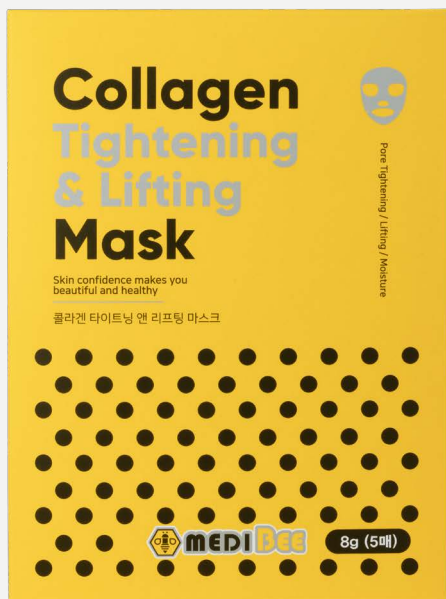
Shake the serum to mix them.

STEP 03

Even if they are sufficiently mixed, use it after about 1 hour.

STEP 04

Be sure to use the mixed serum within a week.



COLLAGEN TIGHTENING & LIFTING MASK

Melittin	PLA2	Apamin
45-65%	11.5-13%	2.0-3.0%

is a cosmeceutical product exclusively for elasticity and lifting, which contains natural ingredients with excellent skin affinity.

Main ingredients	Bee venom (bee sting solution), hydrolyzed collagen, hydrolyzed elastin, purslane extract
Volume	8g x 5sheets

► A bee's defensive substance consisting of about 40 active peptides

- POINT 01 Derived from pure natural substances.
- POINT 02 Improvement of wrinkle and skin whitening.
- POINT 03 Strong anti-bacterial, anti-inflammatory and immune enhancing effects.
- POINT 04 Low risk of side effects and residuals.
- POINT 05 It has long been used to treat various diseases in terms of oriental medicine.
- POINT 06 Purified bee venom certified by FDA DMF 27321 for the first time in Korea.

► Intensive skin care without irritation

The Ellose fabric used for the hybrid gel mask is a hypoallergenic fabric that obtained 1st grade from OEKO-TEX Standard 100 in Switzerland for the first time as the mask fabric, which examines 50 kinds of harmful substances. It has excellent breathability and fits your face line, making it effective for skin care.



Mask before use



A mask that fits on your face and doesn't flow down

► **Reduced wrinkles before/after using Collagen Tightening & Lifting Mask**



Before anti-wrinkle effect



After anti-wrinkle effect (2 weeks)



After anti-wrinkle effect (4 weeks)

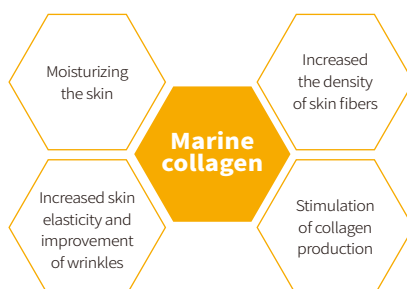
POINT 01 Hybrid gel mask that combines two functions into one for the best synergy effect.

POINT 02 It contains marine collagen, marine elastin, and bee venom peptides, which are the components of the dermis, enhancing your skin density to give you healthy and smooth skin.

POINT 03 A gel type mask containing skin care ingredients, gives your skin firming effect for healthy and bright skin.

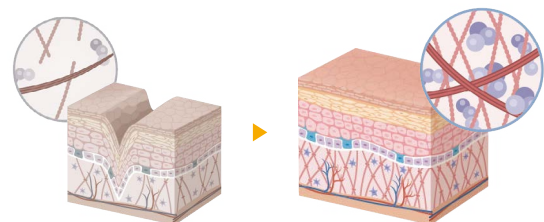
POINT 04 Skin care that closely adheres on your face with Ellose fabric.

► **What is Marine Collagen?**



- Collagen is an important protein that makes up most of the dermal layers of the skin that keeps cellular tissues elastic and strong.
- Marine Collagen is an undiluted solution obtained by extracting amino acids from natural marine proteins in the Mediterranean Sea and purifying them into highpurity collagen.
- Marine collagen helps to improve wrinkles through skin homeostasis (a biological action that keeps the physical and chemical properties of the internal environment of a body constant despite changes in the external environment).
- It retains the efficacy of existing animal collagen. It has the same properties as collagen found in human skin in all respects, with the form of a triple helical arrangement of polypeptide chains of 80-120nm diameter fibrils whose molecular structure is capable of binding to human skin.

► **What is Marine Elastin?**



- Elastin, which is present in about 2% of skin tissue, is a fibrous protein that is composed of elastic fibers and has elasticity like rubber.
- Elastin exists between collagen and collagen and is entangled in connective tissues.
- Marine Elastin is an elastin protein isolated and purified from deep-sea fish (deep-sea sharks).
- As a component of the dermal layer of the skin, it is a type of protein with good elasticity and has the function of maintaining skin elasticity.
- Its moisturizing effect makes your skin elastic and moist.
- This substance is known to play a role in maintaining the elasticity of the skin.



BEE VENOM MICRO FILLER PATCHES

Melittin

45-65%

PLA2

11.5-13%

Apamin

2.0-3.0%

Faster and deeper

Bee venom Micro-Filler patches

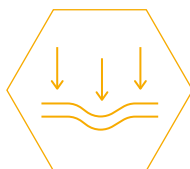
Main ingredients	Adenosine, purified bee venom, centella asiatica extract, hyaluronic acid
Volume	2patches x 2

► Advantages of the Bee venom Micro-Filler patches



Fast

Effective on topical areas.
Quick effect by controlling
the desired area only.



Deeper

The needle melts into the skin
beyond the stratum corneum
and is effectively absorbed.



Improvement of wrinkles

Approved by the US FDA.
Quality recognized
by the world-class US FDA.

► Advantages of the Bee venom Micro-Filler patches



USA	Europe
Oceania	Asia
Middle East	Africa

► What is the Bee venom Micro-Filler patches?



- The Bee venom Micro-Filler patches is a cosmetic product with micro-needle technology for transdermal drug delivery.
- A system in which the micro needles pass through the stratum corneum that is the skin barrier layer, to deliver the active ingredients percutaneously. It delivers not to the outer skin of the stratum corneum, but to the inner skin, in order to solve your skin problems fundamentally.
- The active ingredients pass through the skin barrier painlessly and are delivered into the skin. Effective, simple and convenient skin care can be easily done at home, freeing from the existing cumbersome procedures.
- A micro needle has the property of melting when it meets moisture. The active ingredients of a micro needle naturally dissolve and settle in the skin when they meet the moisture of your body. Just stick it on the desired area for skin care.

► How to use Bee venom Micro-Filler patches

POINT 01 After washing your face, pat the skin dry with a towel and smooth out.

POINT 02 Remove the white protective film, taking care not to touch the needle in the center of the patch.

POINT 03 Attach the patch to the desired area and press it firmly. (Do not rub.)

► Characteristics of main ingredients

HYDROLYZED COLLAGEN

It reduces dry flaking and restores elasticity, giving vitality to your dry or damaged skin.

ADENOSINE

It relieves and soothes skin irritation and stress, keeping your skin healthy. In addition, it gives a moisture effect (the effect of temporarily tightening the pores of the skin) and improves skin elasticity.

HYALURONATE

Hyaluronic acid, which has excellent ability to absorb moisture, prevents evaporation of moisture from the skin and helps the skin to maintain the proper amount of moisture.



INTENSIVE CREAM

- Clear and transparent as a mixture stored in a worker's monologue.
- Evaporated quickly at room temperature and dried
- Remains 5-10% crystal after evaporation
- Anti-inflammatory, antibacterial, anti-virus, hemolytic and neurotoxic effects, etc.

From nature

“MEDIBEE Intensive Cream”

The excellence of bee venom
produced by Chung Jin Biotech



- Replenishment of health and excellent nutrition
- Helps moisturizing and soothing
- By using natural materials . Adheres well to sensitive skin!!
- Exfoliation management and energy for rough skin help restore function
- Helps improve skin elasticity

▶ Main ingredient of MEDIBEE Intensive Cream



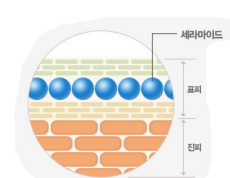
purified bee venom

- Inhibits the activity of harmful substances on the skin
- Helps in skin soothing management
- Helps to alleviate skin traces caused by external stimuli



Shea butter

- Contains a lot of nutrients such as allantoin, vitamin E and carotene
- Helps to brighten and moisturize the skin



Ceramide NP

- Inhibits moisture evaporation, excellent moisturizing function
- Strengthens the skin's lipid barrier and forms a skin barrier against the external environment

▶ How to use Intensive Cream

It has a soft texture like fresh cream, and it spreads well and takes care deep into the skin with quick absorption!!

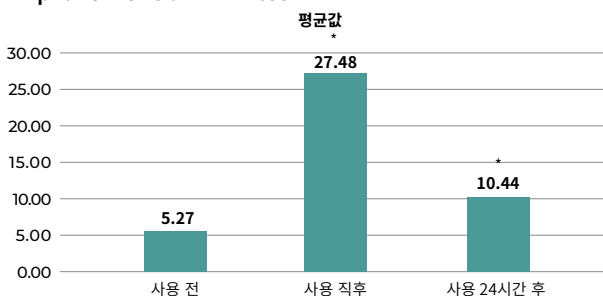
POINT 01 In the last step of skin care, take an appropriate amount.

POINT 02 Gently spread over the entire face and neck.

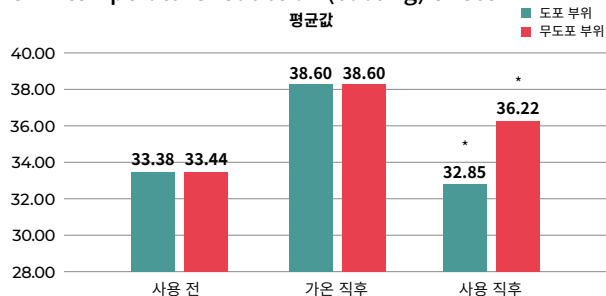
POINT 03 Lightly pat to absorb well into the skin.

▶ MEDIBEE Intensive Cream Test Report (Inspection Agency: OATC Co., Ltd.)

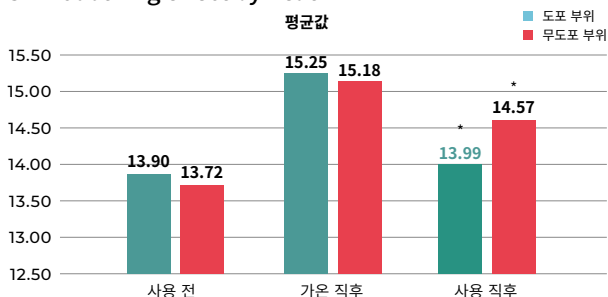
Improvement of wrinkles



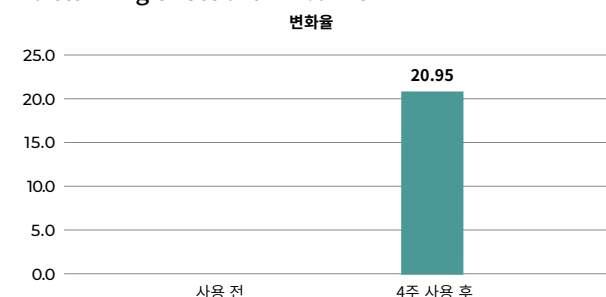
Skin temperature reduction (cooling) effect



Skin soothing effect by heat



Moisturizing effect of skin barrier





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