



# **SJ International CO,. Ltd.**

Leader in Naturalist Dermatology

The value of beauty, BIENCLE is with you.

[www.sjsjinc.com](http://www.sjsjinc.com)





# Contents

SJ International CO,. Ltd.

## 01 Company Overview

Greetings

Vision

History

## 03 Product Introduction

Biencle

## 06 Expertise & Experience

R&D

Patent Certifications

## 02 Problem Analysis & Solutions

Development of Differentiated Materials

Unique Core Ingredients Exclusive to SJ INT'L

## 05 Differentiated Competition

Competitors and Competitive Advantage

Unique Core Technologies





# 01

## Company Overview

SJ INT'L is a global company dedicated to the research, development, production, and sales of products that contribute to human beauty. It is built on the foundation of developing natural plant-based materials and advanced biotechnology.

- 01 Greetings
- 02 Vision
- 03 History





# We aim to be the best partner in meeting customer needs.

Since its establishment in 2016, SJ International Co., Ltd. has been committed to developing eco-friendly materials through exceptional product capabilities, top-tier quality control, and research into natural-derived ingredients and their efficacy. The company actively practices sustainable environmental management and social responsibility, taking a leading role in ESG management.

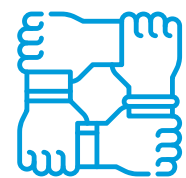
Now, we aspire to grow into a global leader, reflecting the needs of consumers worldwide and setting new trends.

Moving forward, we will continue to strengthen our innovative technologies and R&D competitiveness to achieve ongoing growth. As a partner delivering health and beauty, we will present a vision for the future together with our customers.

**CEO Oh Yong Hwan**



**A global company providing total care  
for customer beauty and health.**



### **Relationship Innovation**

Strengthening trust  
with all stakeholders



### **Value Innovation**

Delivering the highest value  
to customers



### **Capability Innovation**

Enhancing global  
competencies



An R&D-focused company leading the way in innovative technologies.







# 02

## Problem Analysis & Solutions

SJ INT'L proposes solutions with excellent effects on skin improvement and hydration through innovative R&D and the use of proprietary patented ingredients derived from nature.

- 01 Development of Differentiated Materials
- 02 Unique Core Ingredients Exclusive to SJ INT'L



# SJ INT'L WAY

SJ International Co., Ltd. is a company that realizes customer satisfaction based on trust, technology, and quality.

We operate a top-notch quality management system with ISO 9001 (Quality Management) and ISO 14001 (Environmental Management) certifications. In addition, we are continuously striving to provide innovative and safe products through R&D efforts in novel materials and ingredient development.

## R&D Research Areas

- **Basic Products**

Focused on preserving the skin's natural radiance and preventing moisture loss, our basic products aim to cater to global markets. We strive for technical differentiation through new formulations.

- **Functional Products**

While skin aging cannot be reversed, its progression can be slowed. We continue to research and develop high-quality functional cosmetics combining benefits such as wrinkle improvement, whitening, UV protection, and exfoliation.





# R&D Road Map

SJ International

We are constantly exploring new research fields, advancing not only joint development but also pursuing independent innovation.

**ANIMAL**

**VEGETABLE**

**OCEAN**



# R&D Road Map

SJ International

We are constantly exploring new research fields, advancing not only joint development but also pursuing independent innovation.

## ANIMAL

**Horse Placenta**

Patent No. 10-1751718

## VEGETABLE

## OCEAN



# R&D Road Map

SJ International

We are constantly exploring new research fields, advancing not only joint development but also pursuing independent innovation.

ANIMAL

## VEGETABLE

**seaberry**

Patent No. 10-2461962

**Green Tomato**

Patent No. 10-1970144

**Aronia**

Patent No. 10-1957351

OCEAN



# R&D Road Map

SJ International

We are constantly exploring new research fields, advancing not only joint development but also pursuing independent innovation.

ANIMAL

VEGETABLE

OCEAN

**Sargassum fulvellum**

Patent No. 10-2043444

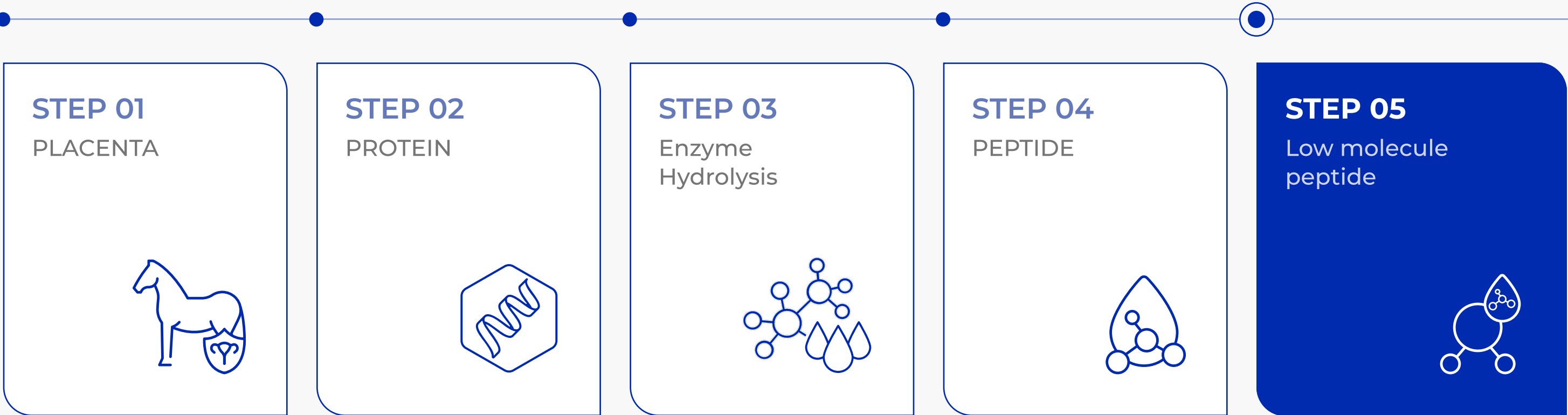




# Low molecular peptides in horse placentas

Animal-Based Ingredients  
Patent Registration No. 10-1751718

Low-molecularized horse placenta hydrolyzate helps improve 'skin wrinkles' because it has a low molecular weight and exhibits excellent skin permeability, thus being absorbed into the 'dermal layer' in the skin.





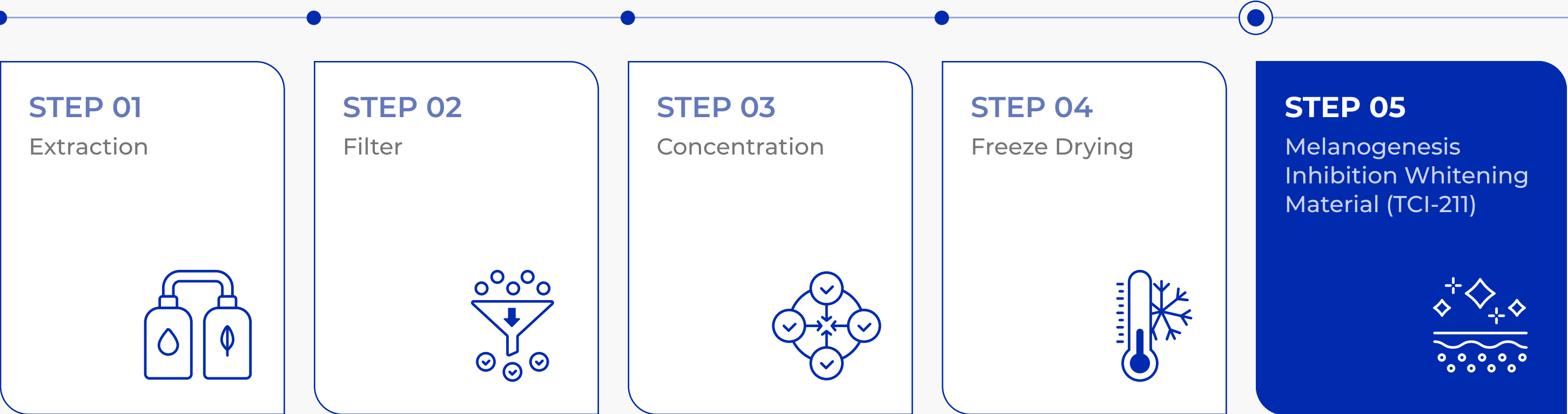
Unique Core Ingredients Exclusive to SJ INT'L



# Green tomato extract

Plant-Based Ingredients  
Patent Registration No. 10-1970144

**Green tomato extract** : Active ingredients extracted from green tomatoes  
'suppress melanin production' and are conducive to 'skin whitening.'  
**Chickpea extract** : Inhibition of tyrosinase enzyme activity through chickpea extract  
**Burdock extract** : Inhibition of melanin production through burdock extract





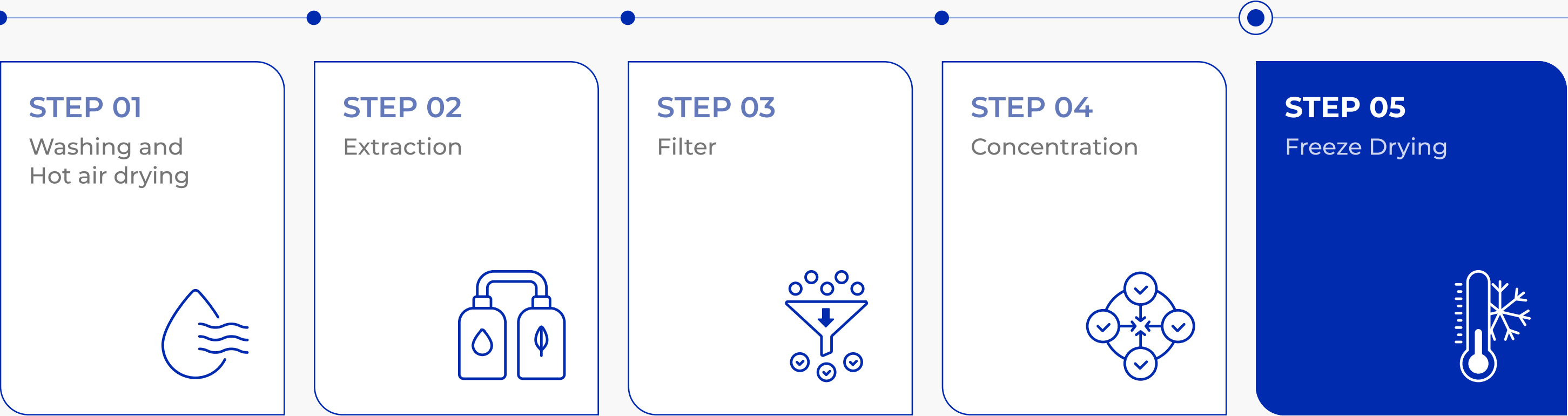
Unique Core Ingredients Exclusive to SJ INT'L



# Jeju’s Cham Mojaban

Marine Ingredients  
Patent Registration No. 10-2043444

“Cham Mojaban(Sargassum fulvellum)” extract, a long-studied skin moisturizing composition that has been shown to increase hyaluronan, ceramides, and lipids, all of which are intracellular moisturizing factors, can inhibit dryness and keratinization of the skin caused by external stimuli, aging, and stress.





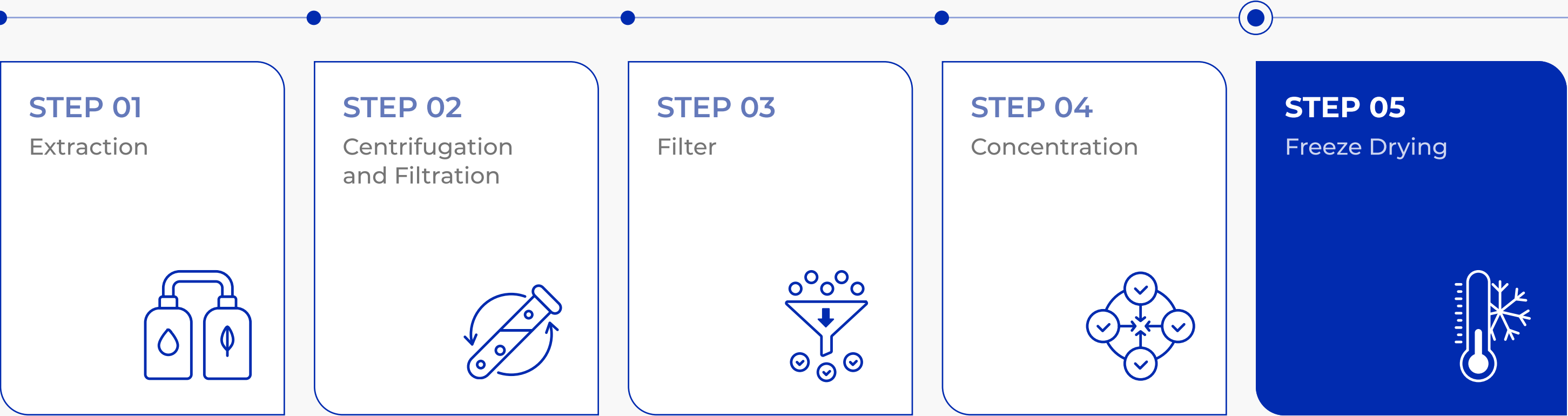
Unique Core Ingredients Exclusive to SJ INT'L



# Aronia extract

Plant-Based Ingredients  
Patent Registration No. 10-1957351

Aronia is a cosmetic composition that can achieve excellent effects of antioxidation, anti-aging, skin waste removal, whitening, and skin improvement.





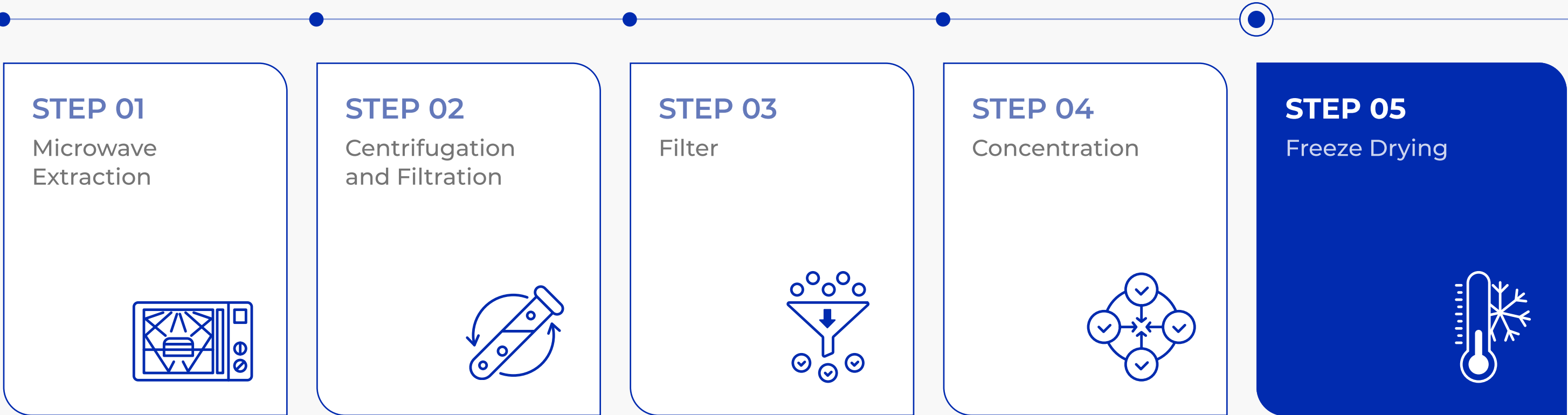
Unique Core Ingredients Exclusive to SJ INT'L



# Vitamin tree extract

Plant-Based Ingredients  
Patent Registration No. 10-2461962

Vitamin trees(seaberry) help fight skin aging by promoting intracellular procollagen production, protecting against skin damage, restoring skin elasticity, improving skin firmness, and reducing wrinkles.







# 03

## Product Introduction

With proprietary research and advanced technologies, we strengthen our competitiveness in the global market. We aim for sustainable growth by offering diverse patented ingredients and customized cosmetic solutions.

01 Biencle





## Cultivating beauty through time.

**Take care of yourself for beautiful and clean skin**

Symbolizing self-cultivation for beautiful and clean skin, Biencle represents a brand story that loves customers' skin.





# 03 Product Introduction

Biencle

## BIENCLE

BIENCLE's patented natural raw materials are used.

www.biencle.com







# 04

## Differentiated Competition

SJ INT'L strengthens its differentiation from competitors by researching and developing patented cosmetic ingredients with various functions such as wrinkle improvement, whitening, hydration, and antioxidant properties, based on unique material development and differentiated core ingredients.

Through the BIENCLE brand, the company offers high-performance cosmetics that stand out in the market.

**01 Competitors and Competitive Advantage**

**02 Differentiated Core Technologies**



# Global Regional Cosmetics Market Status

Category	 SJ International	Company A	Company B	Company C
Independent Material Development				
Independent Formulation				
Independent Patented Ingredients				



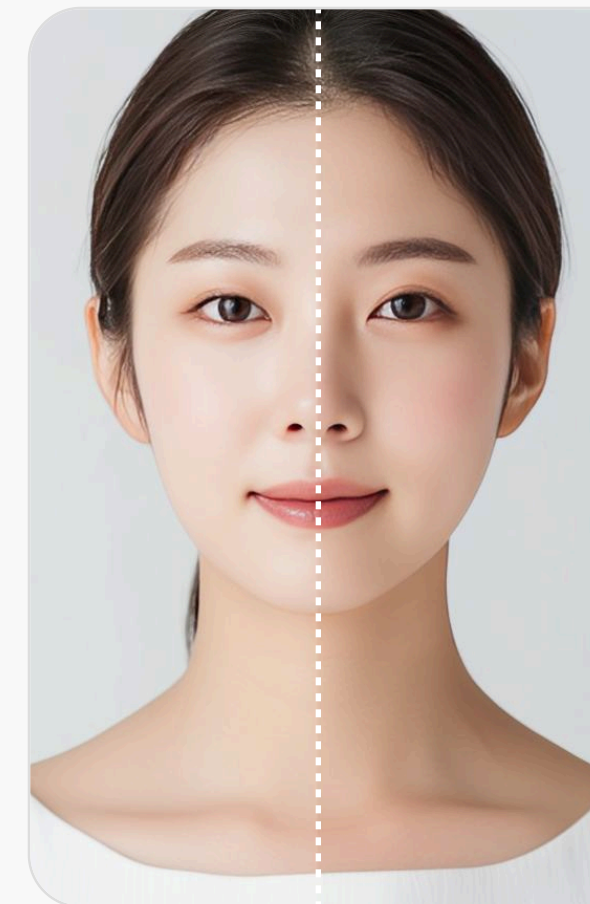
### Differentiated Core Technologies

# Differentiated Core Technologies



#### Anti-wrinkle

- Skin elasticity maintained by fibroblasts, collagen, etc.
- Wrinkles occur as fibroblasts and collagen are destroyed due to aging and external environment
- Collagen formation accelerated by increase in procollagen synthesis
- A patent for an ingredient obtained from horse placentas with anti-wrinkle effects registered (No. 10-1751718)
- A patent for a cosmetic composition (including vitamin tree extract) for preventing or improving skin wrinkles registered (No. 10-2461962)



#### Whitening

- Melanin is a skin pigment that protects the skin from UV rays
- Abnormal increase in melanin caused by UV and external environment causes pigmentation, spots, freckles, etc.
- Melanin production inhibited by blocking melanin signals
- A patent for an ingredient from green tomatoes, burdocks, and chickpeas with whitening effects registered (No. 10-1970144)
- Compounds' intracellular tyrosinase inhibitory activity effect



#### Moisturizing

- Moisture maintained by tissues and lipids present in the stratum corneum or horny layer
- Water evaporation and death of skin cells from damages to the skin barrier such as skin trouble and inflammation
- Lipids and moisture content in the skin can be controlled by increase in ceramides and hyaluronic acid
- A patent for an ingredient obtained from Cham Mojaban with moisturizing effects registered (No. 10-2043444)



#### Antioxidation

- One of the world's top 3 antioxidant foods!  
A natural cosmetic composition using Aronia!
- Effects of antioxidation, anti-aging, skin waste removal, whitening, and skin improvement
- Cosmetic compositions that can achieve excellent effects
- A patent registered for a natural cosmetic composition using Aronia (No. 10-1957351)





05

## Expertise and Experience

Based on years of accumulated experience and advanced technologies in the global market, we provide customers with exceptional quality and solutions. We are successfully executing projects based on trust and innovation.

01 R&D

02 Patent Certifications



# Healthy Skin Companion

SJ International Co., Ltd. conducts research and development (R&D) of functional cosmetic ingredients using future-oriented functional materials, aiming to pursue a healthy and beautiful life for humanity.





# SJ INT'L's Own Patent Holds



**Green Tomato  
(Whitening)**  
Patent No. 10-1970144



**Horse Placenta  
(Wrinkle improvement)**  
Patent No. 10-1751718



**Vitamin Tree Fruit  
(Wrinkle improvement)**  
Patent No. 10-2461962



**Aronia  
(Antioxidant)**  
Patent No. 10-1957351



**Sargassum fulvellum  
(Moisturizing)**  
Patent No.10-2043444




## 05 Differentiated Competition



## Patent Certifications

# MSDS

	<b>한국 MSDS 시험실</b> Korea MSDS Testing Lab	<b>시험성적서</b> <b>CERTIFICATE</b>	<b>Test Report No.</b> <b>2018-03-03434</b>
			■ Original      □ Creissued

#12, Iwon-ro, Idong-eup, Cheoin-gu, Yongin-city, Gyeonggi-do, Rep. of Korea + 82-31-397-3701 / www.msdskorea.com

- Client : SJ International, Inc
- Product name : Cosmetic composition for whitening with green tomato extracts,  
                        burdock root extracts and chicken extracts
- Request date and number : November 19, 2018,      No. 2018-03-03434
- Test results


Items	Results	Test Methods
State	Solid      at 20 °C	With reference to • KIMSCA
Flash Point (Closed Cup)	No flash occurred under 93 °C	KS M ISO 3679 : 2013 Rapid equilibrium method
Autoignition Temperature	No spontaneous combustion under 200 °C	ASTM E 659 : 15
pH	4.3 ~ 5.3      ■ Sample : H <sub>2</sub> O = 1 : 5 (V/V)	With reference to KS T ISO 10390 : 2015
Relative Density (Apparent)	0.4 ~ 0.6      at 20 °C	KS M 0602 : 2015
Water Solubility	Soluble      at 20 °C	With reference to KIMSCA
Burning Time/Rate Test	Burning rate : < 0.7 mm/s      at 20 °C ■ Hazard Criteria : > 2.2 mm/s	** UN TDG Test N.1
Spontaneous Combustion Test	No spontaneous combustion      at 20 °C	UN TDG Test N.2
Water Contact Test	No water reaction hazard      at 20 °C ~ Rate of flammable gas emission : 0 L/kg-h	UN TDG Test N.5
Oxidizing Test	Burning time : > 300 s      at 20 °C ■ Hazard Criteria : ≤ 135 s	UN TDG Test O.1

\* KIMSCA : Korea Hazardous Materials Safety Control Act.  
\*\* UN TDG : UN Recommendations on the Transport of Dangerous Goods - Tests and Criteria.


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Note : 1. These are the results tested with the sample provided by the above mentioned client.  
2. This certificate is not valid and can not be used for advertisement, administrative litigation, or lawsuit.

November 26, 2018      Technical Manager : Vincent Park



**한국 MSDS 시험원**  
 Korea MSDS Testing Lab



- Page 1 of 1 -


# Green Tomato

Items	Results	Test Methods
State	Solid at 20 °C	With reference to * KIMSSEA
Flash Point (Closed Cup)	No flash occurred under 93 °C	KS M ISO 3679 : 2013 Rapid equilibrium method
Autoignition Temperature	No spontaneous combustion under 200 °C	ASTM E 659 : 15
pH	4.8 ~ 5.8    * Sample : H <sub>2</sub> O = 1 : 5 (V/V)	With reference to KS I ISO 10390 : 2015
Density (Apparent)	0.8 at 20 °C	KS M 0602 : 2015
Water Solubility	Insoluble at 20 °C	With reference to KIMSSEA
Burning Time/Rate Test	Burning rate : < 0.7 mm/s at 20 °C * Hazard Criteria : > 2.2 mm/s	** UN TDG Test N.1
Spontaneous Combustion Test	No spontaneous combustion at 20 °C	UN TDG Test N.2
Water Contact Test	No water reaction hazard at 20 °C - Rate of flammable gas emission : < 1 L/kg/h	UN TDG Test N.5
Pressure Vessel Test	No self-reaction hazard - No rupture of the 0.6 MPa disc of the vessel * orifice range : (0.6 ~ 9.0) mm	UN TDG Test E.3

\* KIMSSEA : Korea Hazardous Materials Safety Control Act.  
 \*\* UN TDG : UN Recommendations on the Transport of Dangerous Goods - Tests and Criteria.

Note : 1. These are the results tested with the sample provided by the above mentioned client.  
 2. This certificate is not valid and can not be used for advertisement, administrative litigation or lawsuit.

March 02, 2017                      Technical Manager : Vincent Park


**한국 MSDS 시험원**  
 Korea MSDS Testing Lab

## Horse Placenta

한국 MSDS 시험원  
Korea MSDS Testing Lab

# 시험성적서 CERTIFICATE

Test Report No. 2023-03-005186

■ original

□ reissued

#12, Iwon-ro, Inong-up, Cheongju, Yongsu-city, Gyeonggi-do, Rep. of Korea / +82-31-357-3701 / [www.msdskorea.com](http://www.msdskorea.com)

- Client : SJ International Co., Ltd
- Product name : Cosmetic composition wrinkle prevention or improvement with  
scurberry extraction
- Request date and number : January 12, 2023, No. 2023-03-005186
- Test results

Items	Results	Test Standards
State	Solid at 20 ℃	With reference to * KHMSCA
Flash Point (Closed Cup)	No flash occurred under 93 ℃	KS M ISO 3679 : 2015 Liquid combustibility method
Autoignition Temperature	No spontaneous combustion under 200 ℃	ASTM E 659 : 15
pH	3.1 ~ 4.1 * Sample : H <sub>2</sub> O = 1 : 5(1/5)	With reference to KS I ISO 10390 : 2020
Relative Density (Apparent)	0.7 ~ 0.8 at 20 ℃	KS M 0602 : 2020
Water Solubility	Soluble at 20 ℃	With reference to KHMSCA
Burning Time / Rate Test	Burning rate : 0.7 mm/s at 20 ℃ * Hazard Criteria : > 2.2 mm/s	** UN TDG Test N.1
Spontaneous Combustion Test	No spontaneous combustion at 20 ℃	UN TDG Test N.2
Water Contact Test	No water reaction hazard at 20 ℃ - Rate of flammable gas emission : 0 L/kg.h	UN TDG Test N.5
Oxidizing Test	Burning time : > 300 s at 20 ℃ * Hazard Criteria : ≤ 135 s	UN TDG Test 0.1

\* KHMSCA : Korea Hazardous Materials Safety Control Act.

\*\* UN TDG : UN Recommendations on the Transport of Dangerous Goods - Tests and Criteria.

Note : 1. These are the results tested with the sample provided by the above mentioned client.

2. This certificate is not valid and can not be used for advertisement, administrative litigation, or lawsuit.


January 27, 2023

Technical Manager : Vincent Park

한국 MSDS 시험원  
Korea MSDS Testing Lab

- Page 1 of 1 -

## Vitamin Tree Fruit



**한국 MSDS 시험실**  
Korea MSDS Testing Lab

# 시험성적서

## CERTIFICATE

**Test Report No. 2020-03-004272**

☒ original
 ☐ reissued

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#12, Iwon-ro, Ilong-eup, Cheongju, Yongsin-city, Gyeonggi-do, Rep. of Korea / +82-31-337-3701 / www.msdskorea.com

1. Client : SJ International, Inc

2. Product name : Natural cosmetic composition using aronia

3. Request date and number : October 28, 2020, No. 2020-03-004272

4. Test results



Items	Results	Test Standards
State	Solid at 20 ℃	With reference to * KHMSCA
Flash Point (Closed Cup)	No flash occurred under 93 ℃	KS M ISO 3679 : 2015 Rapid equilibrium method
Autoignition Temperature	No spontaneous combustion under 200 ℃	ASTM E 659 : 15
pH	4.2 ~ 5.2    * Sample : H <sub>2</sub> O = 1 : 5(1/9)	With reference to KS I ISO 10390 : 2015
Relative Density (Apparent)	0.5 ~ 0.6 at 20 ℃	KS M 0602 : 2015
Water Solubility	Soluble at 20 ℃	With reference to KHMSCA
Burning Time / Rate Test	Burning rate : < 0.7 mm/s at 20 ℃ * Hazard Criteria : > 2.2 mm/s	** UN TDG Test N.1
Spontaneous Combustion Test	No spontaneous combustion at 20 ℃	UN TDG Test N.2
Water Contact Test	No water reaction hazard at 20 ℃ - Rate of flammable gas emission : 0 L/g.h	UN TDG Test N.5
Oxidizing Test	Burning time : > 300 s at 20 ℃ * Hazard Criteria : ≤ 135 s	UN TDG Test O.1

\* KHMSCA : Korea Hazardous Materials Safety Control Act.


\*\* UN TDG : UN Recommendations on the Transport of Dangerous Goods - Tests and Criteria.

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Note : 1. These are the results tested with the sample provided by the above mentioned client.

2. This certificate is not valid and can not be used for advertisement, administrative litigation, or lawsuit.

November 09, 2020



Technical Manager :





*Vincent Park.*

**한국 MSDS 시험실**  
Korea MSDS Testing Lab


- Page 1 of 1 -

# Aronia

 <b>한국 MSDS 시험원</b> Korea MSDS Testing Lab	<h1 style="margin: 0;">시험성적서</h1> <h2 style="margin: 0;">CERTIFICATE</h2>	Test Report No. 2019-03-03774 <div style="display: flex; justify-content: space-between;"> <span>■ original</span> <span>□ reissued</span> </div>
#12, Iwon-ro, Idong-eup, Cheongju-si, Yongsu-city, Gyeonggi-do, Rep. of Korea / +82-31-337-3701 / www.msdskorea.com		
1. Client : SJ International, Inc 2. Product name : Cosmetic composition for skin moisturizing with the Extract of sargassum fulvellum 3. Request date and number : September 10, 2019, No. 2019-03-03774 4. Test results		
Items	Results	Test Standards
State	Solid at 20 °C	With reference to • KHMSCA
Flash Point (Closed Cup)	No flash occurred under 93 °C	KS M ISO 3679 : 2015 Rapid equilibrium method
Autoignition Temperature	No spontaneous combustion under 200 °C	ASTM E 659 : 15
pH	6.4 ~ 7.4    ■ Sample : H <sub>2</sub> O = 1 : 5 (V/V)	With reference to KS ISO 10390 : 2015
Relative Density (Apparent)	0.8 ~ 1.0 at 20 °C	KS M 0602 : 2015
Water Solubility	Insoluble at 20 °C	With reference to KHMSCA
Burning Time / Rate Test	Burning rate : < 0.7 mm/s at 20 °C ■ Hazard Criteria : > 2.2 mm/s	** UN TDG Test N.1
Spontaneous Combustion Test	No spontaneous combustion at 20 °C	UN TDG Test N.2
Water Contact Test	No water reaction hazard at 20 °C - Rate of flammable gas emission : 0 L/kg·h	UN TDG Test N.5
Oxidizing Test	Burning time : > 300 s at 20 °C ■ Hazard Criteria : ≤ 135 s	UN TDG Test O.1
• KHMSCA : Korea Hazardous Materials Safety Control Act. • UN TDG : UN Recommendations on the Transport of Dangerous Goods - Tests and Criteria.		
Note : 1. These are the results tested with the sample provided by the above mentioned client. 2. This certificate is not valid and can not be used for advertisement, administrative litigation, or lawsuit.		
September 19, 2019	Technical Manager :	<i>Vincent Park.</i>



**한국 MSDS 시험원**  
 Korea MSDS Testing Lab



# Sargassum fulvellum



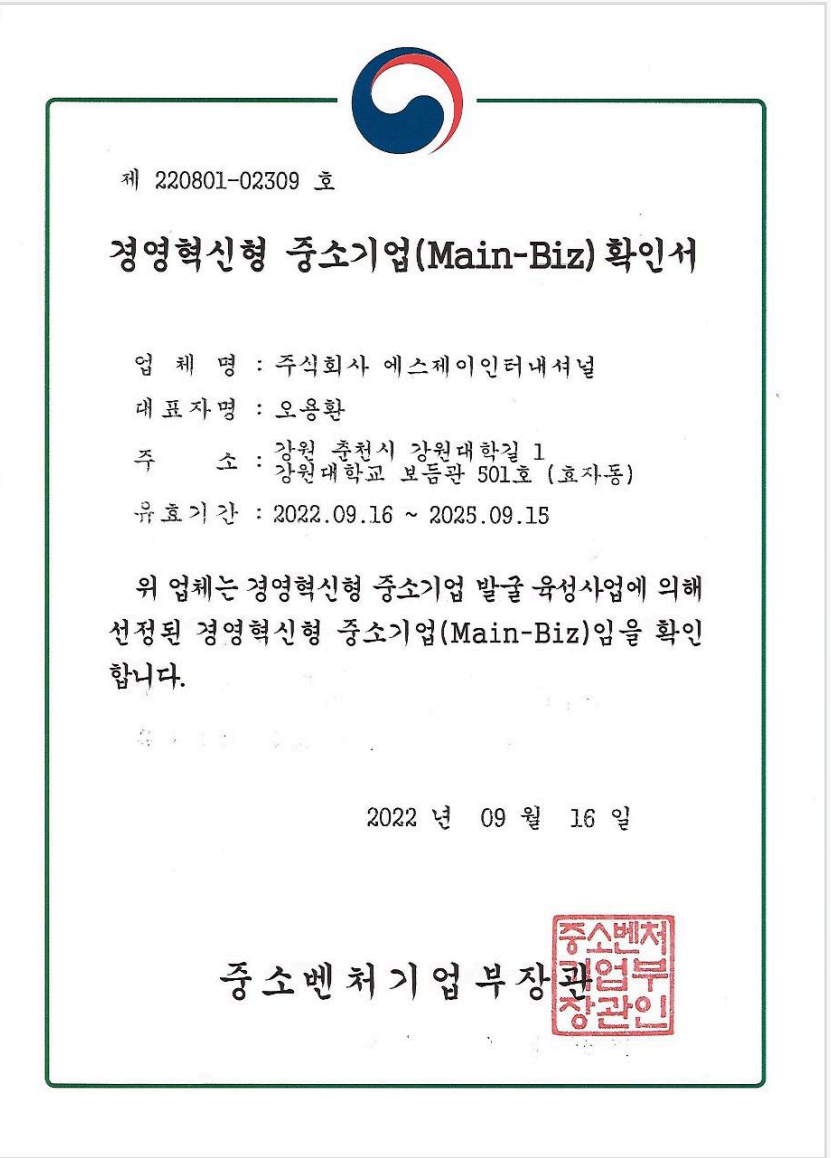
Authentication status



ISO 9001



ISO 14001



MAINBiz



Certificate of  
Venture Business



Promising Small  
& Medium  
Enterprise in Export





**THNAK YOU**

SJ International CO,. Ltd.

The value of beauty, BIENCLE is with you.

[www.sjsjinc.com](http://www.sjsjinc.com) | [www.biencle.com](http://www.biencle.com)