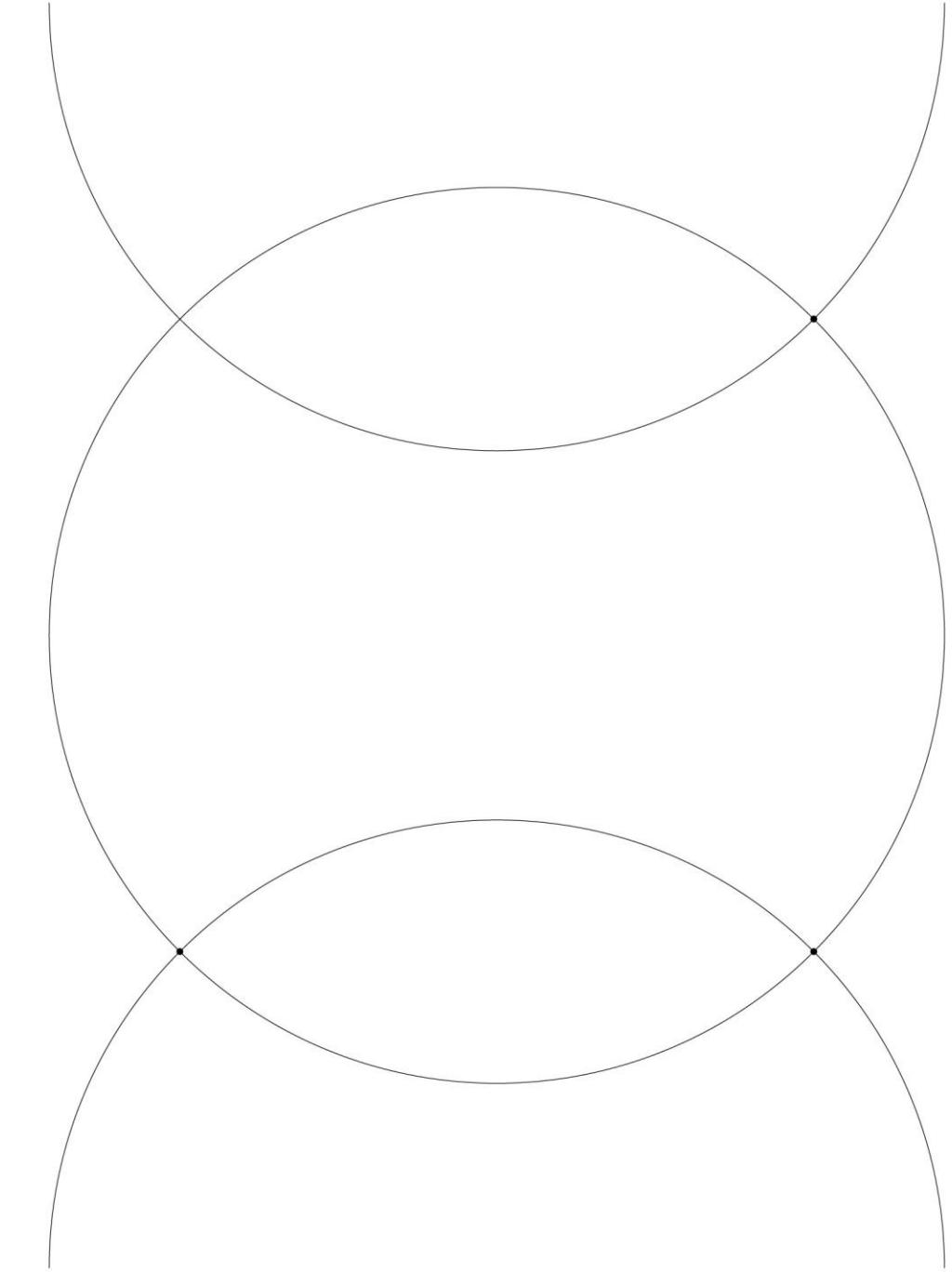


COSMAX  BIO

# Company Profile



# CONTENTS

01

## Company Introduction

COSMAX Philosophy  
COSMAX Group Business Areas  
History and Growth Trends  
Partners  
Business Solutions  
R&I Center  
Global Supply Chain  
Certification Status

02

## Dosage Form and Packaging Technology

History of Dosage Form Technology  
Features and Advantages of Dosage Form  
Packaging Technology  
Facility

03

## Ingredients

History of Ingredients Development  
Representative Ingredients





04

## Company Introduction

COSMAX Philosophy

COSMAX Group Business Areas

History and Growth Trends

Partners

Business Solutions

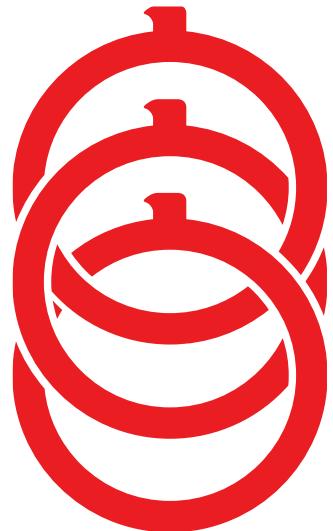
R&I Center

Global Supply Chain

Certification Status

# COSMAX Philosophy

## ○ SPIRIT OF 3 APPLES



## COSMAX RING OF THREE PROMISES



Ethical Enterprise

Integrity  
Respect / Sincerity



Innovative Technology

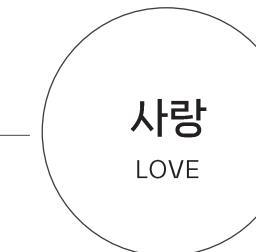
Invention  
Creativity / Professionalism



Make People Beautiful

Beauty  
Environmental Management / CSR

## ○ CORE VALUE



# COSMAX Group Business Areas

Holding Company

**COSMAX** BTI



COSMETICS

**COSMAX**

KOREA      JAPAN  
CHINA      INDONESIA  
GUANGZHOU      THAILAND  
USA

**COSMAX** NEO

**CMTECH**

**COSMAX** AB

DIETARY SUPPLEMENTS

**COSMAX** BIO

KOREA  
CHINA

**COSMAX** NBT

KOREA  
CHINA  
USA  
AUSTRALIA

**COSMAX** NS

PHARMACEUTICAL

**COSMAX** PHARMA

KOREA

PET FOODS

**COSMAX** PET

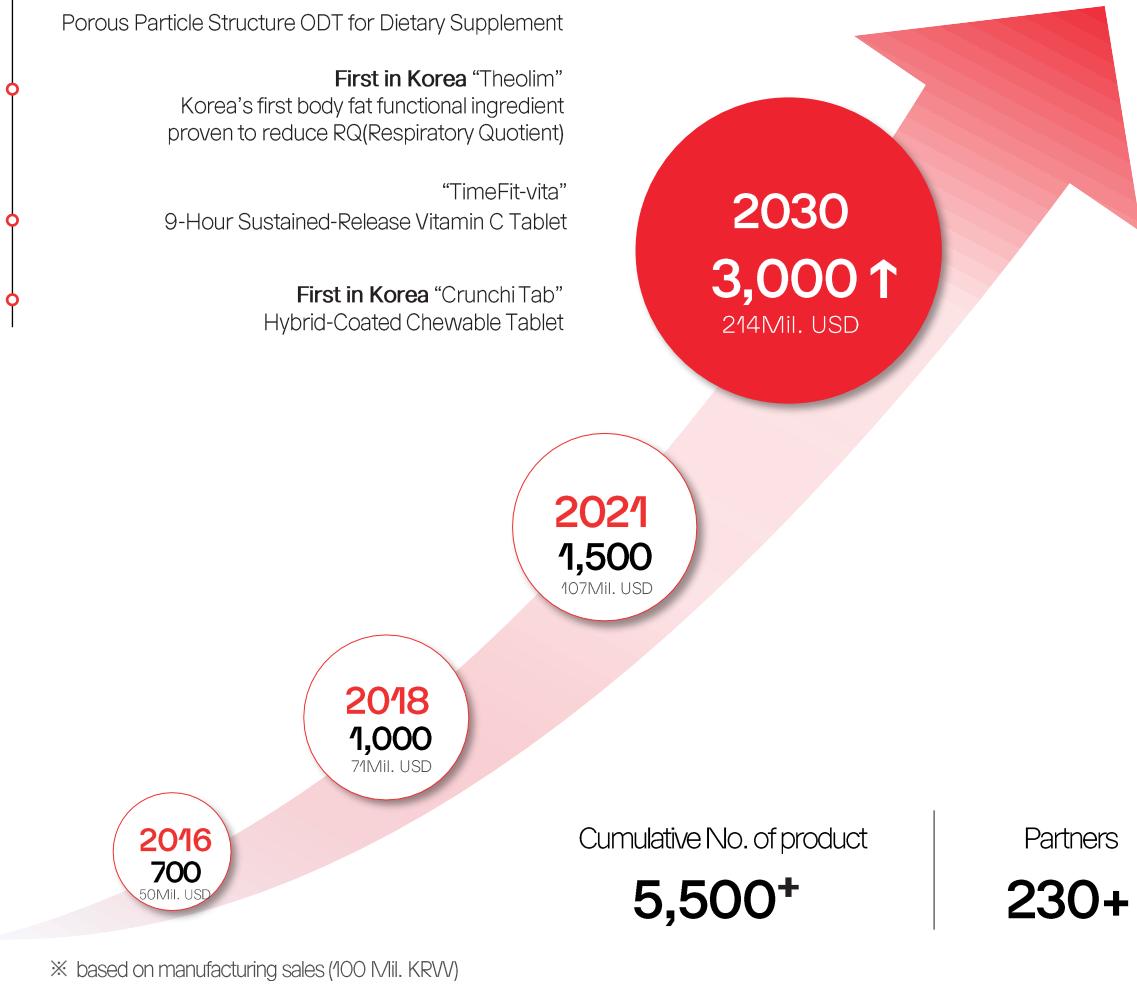
KOREA

# History and Growth Trends

## ○ History

1984.12	Establishment
2005.12	GMP(Good Manufacturing Practice) certification
2010.03	First in Korea Stick Jelly for Dietary Supplement
2013.06	First in Korea Patent for Plant-based Soft Capsule
2015.02	First in Korea Patent for Enteric-Soft Capsule
2017.12	Facility in Shanghai, China
2019.12	First in Korea "L7DG" Effectiveness of reducing eye fatigue after smartphone usage on Koreans
2020.05	First in Korea "ReSeringe" Triple functions for skin and body fat on Koreans
2022.12	Designated as a special business operator for Personalized Dietary Supplement
2023.11	Obtained <b>UL GMP</b>
2024.03	World's First "Caviar extract" Clinical study for Skin improvement Dietary Supplement
2024.04	First in Korea "Mini Tab, Ball Tab" Small size Dosage Form for Dietary Supplement
2024.08	Obtained <b>NSF GMP</b>

2025.04	First in Korea "SOM Tab" Porous Particle Structure ODT for Dietary Supplement
2025.12	First in Korea "Theolim" Korea's first body fat functional ingredient proven to reduce RQ(Respiratory Quotient)
2026.01	"TimeFit-vita" 9-Hour Sustained-Release Vitamin C Tablet  First in Korea "Crunchi Tab" Hybrid-Coated Chewable Tablet



## Partners

Through continuous technological innovation,  
Growing together with over **230** domestic and global partners



# Business Solutions

## COSMAX BIO ONE STOP SOLUTION

Providing differentiated services that can solve everything from consulting to manufacturing, research, and branding of dietary supplements at once

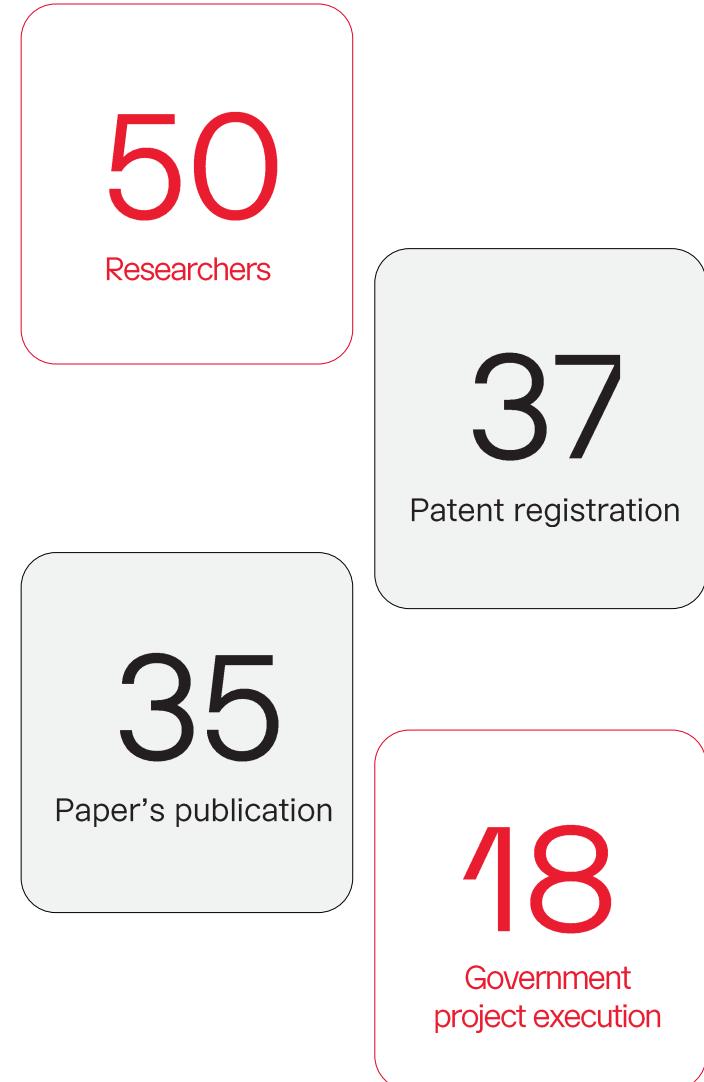
Business



## Specialized Ingredient Formulation

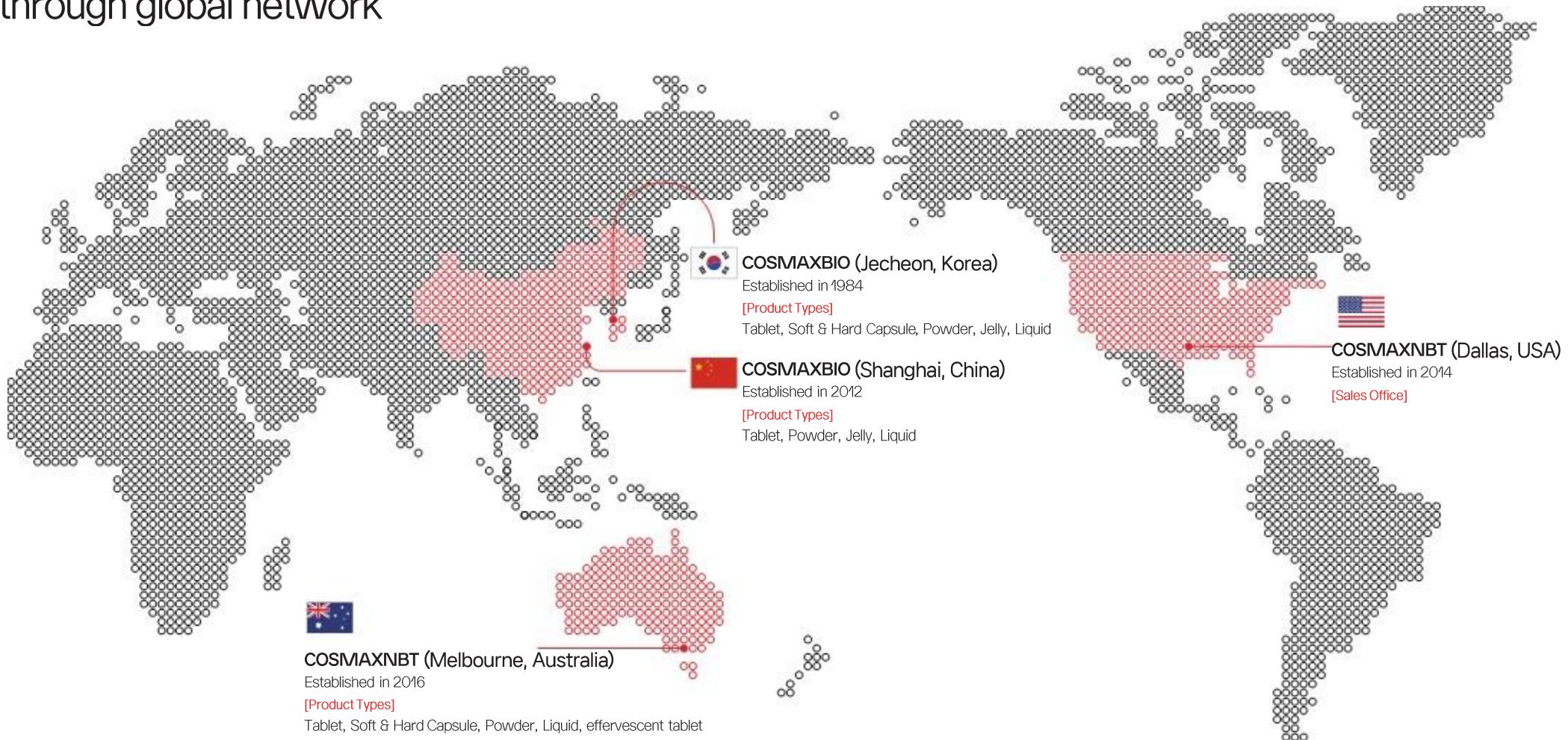
COSMAX BIO's R&I Center leads the research & development of ingredients and formulations in alignment with COSMAX's founding philosophy as a [<Research-driven Company>](#)

### COSMAX BIO R&I Center



# Global Supply Chain

Support for Domestic & Overseas production and export through global network



## Certification Status

Manufacturing hygienic products  
that consumers can trust through **Domestic & International Certificates**

	<b>GMP</b> [Good Manufacturing Practices]	<ul style="list-style-type: none"> <li>Excellent food manufacturing and management technology of foods in terms of quality</li> </ul>
	<b>ISO 9001, 14001, 45001</b> [International Organization for Standardization]	<ul style="list-style-type: none"> <li>Quality management system certified by International Organization for Standardization</li> </ul>
	<b>FSSC22000</b> [Food Safety Management Systems]	<ul style="list-style-type: none"> <li>Systematic food manufacturing management system in accordance with international food safety standards</li> </ul>
	<b>UL</b> [Underwriters Laboratories]	<ul style="list-style-type: none"> <li>UL GMP (Current Good Manufacturing Practice) certification from U.S. Safety and Quality evaluation organization</li> </ul>
	<b>HACCP</b> [Hazard Analysis and Critical Control Point]	<ul style="list-style-type: none"> <li>Food safety management certification with a scientific hygiene management system</li> </ul>
	<b>ORGANIC</b> [Korean Certified Organic]	<ul style="list-style-type: none"> <li>Food manufacturing using organic materials</li> </ul>
	<b>KMF HALAL</b> [Halal in Korea]	<ul style="list-style-type: none"> <li>Food manufacturing under Islamic law for Muslims</li> </ul>
	<b>NSF</b> [National Sanitation Foundation]	<ul style="list-style-type: none"> <li>NSF GMP (Current Good Manufacturing Practice) certification from Global Public Health and Safety organization</li> </ul>



# 02

## Dosage Form and Packaging Technology

History of Dosage Form Technology

Features and Advantages of Dosage Form

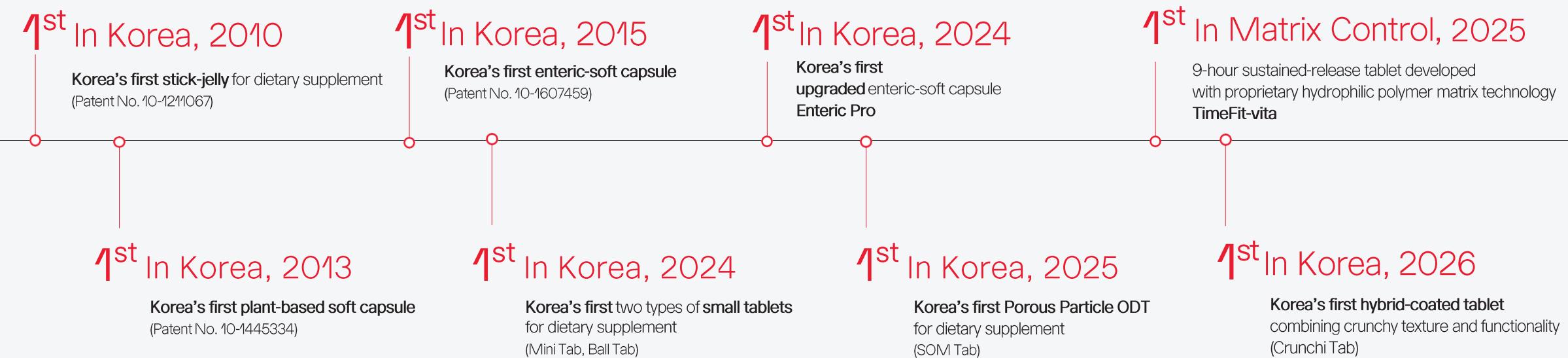
Packaging Technology

Facility

# The First

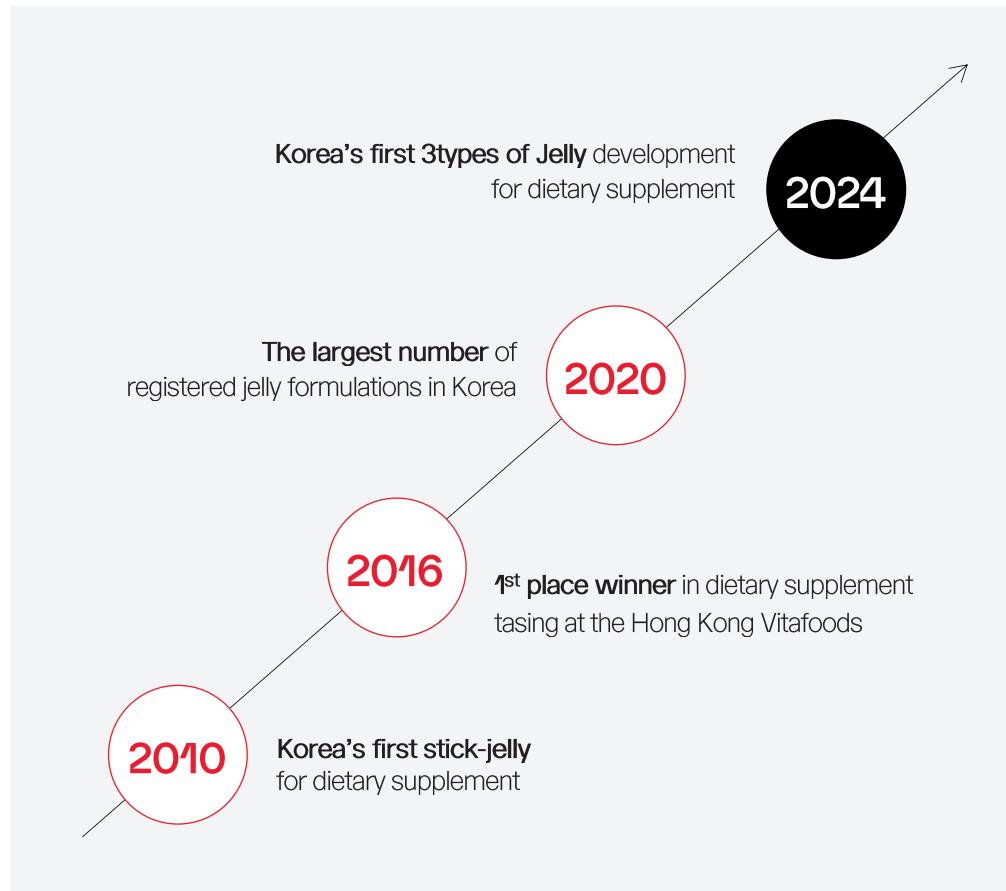
## from the First to the Best COSMAX BIO's Dosage Form Technology

COSMAX BIO is developing new technologies that can lead the market through continuous research



## Features and Advantages of Dosage Form

With over 15 years of Jelly formulation technology  
Continuously innovating technology



### 3types of Jelly

Choose the type that matches the target and ingredients

Type	Texture	Contents
Stick Jelly	Consume nutritional ingredients in a <b>delicious and convenient way</b>	Moist & Dense 10~30g
Pouch Jelly	Even functional ingredients that require a <b>high intake and difficult-to-mask raw materials</b> can be made more delicious	Melty & Soft 30~50g
Pocket Jelly	Compact size with a unique texture and taste	Firm & Bouncy 20g

### Optional inclusion of additional ingredients to enhance texture



## Features and Advantages of Dosage Form

### ○ Plant-based soft capsule

Korea's first plant-based soft capsule in 2013  
**The only registered patent in Korea** for a film composition  
 that does not contain metal salts



Logo

Technology

# VegiSoft®

**Capsule film technology** using natural  
 plant-based ingredients  
 (Patent No. 10-1445334)

# Vegi-Fill®

**Technology that improves the stability**  
 of soft capsule contents using plant-  
 based ingredients

(Patent No. 10-2133837)



Animal-based soft capsule      Our plant-based soft capsule

Plant-based soft capsules that **maintain  
 their shape without melting**, even in  
 heat stability test conducted at 120°C

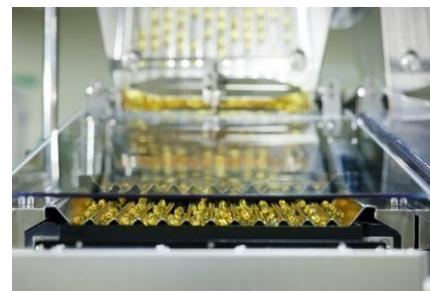
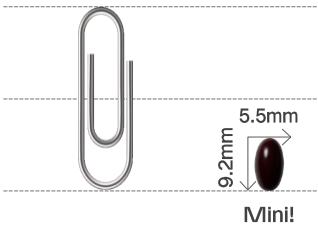
### ○ Chewable Plant-based soft capsule

Chewable type | Sweet & tangy fruit flavor | Popping texture



### ○ Mini soft capsule

Reduced to 1/5 the size of regular soft capsules  
 At 91 mg, the smallest size among mini capsules  
 in Korea



Establishment of a dedicated line equipped with specialized facilities  
 for plant-based soft capsules

## Features and Advantages of Dosage Form

### ○ Enteric-Soft Capsule

Patent for Korea's first enteric soft capsule in 2015

Korea's first patent application for upgraded enteric soft capsule in 2024  
considering gastric acid resistance

Logo

**ENTERICAP®**

Technology

A clear-type film composition for enteric soft capsules with superior quality **without the need for a coating process**

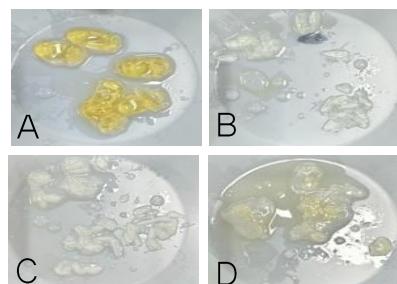
(Patent No. 10-1607459)

**ENTERIC PRO™**

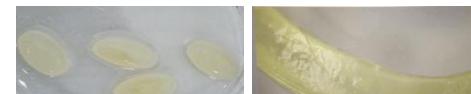
Using a **specially formulated film base**, it stably **reaches the intestines without disintegrating** under various pH conditions  
(Patent pending)

Designed to consider the changes in stomach acid pH based on age & before/after meals

**Korea's first and only - Enteric Pro technology**



VS



Disintegration comparison  
at pH 2, the same  
condition as stomach acid  
(COSMAX BIO)

Uniformly sealed seams  
ensure optimal stability  
without leakage

### ○ Easy Bead easy bead®

First application of colorful mini beadlets in dietary supplement  
A formulation with functional ingredients coated on beadlets  
**smaller than 1.5mm**



More than 110 tests conducted over 1.6-year development period

By selecting the desired color and functionality for the mini beadlets,  
**color marketing can be applied according to nutrients**



## Features and Advantages of Dosage Form

### ○ Small Tablet

Ultra-small dosage form, **less than 4mm** in diameter with round shape like a pill, easily consumed by chewing

Secure **the same stability as tablets**

Mini Tab®



Ball Tab®



Choose between 2 types depending on size and appearance

Applicable to various dietary supplement (protein, multi-vitamins, brewer's yeast, etc) and general food



Packaging types designed for convenience of intake and portability  
(stick pouch, multi-pack)

### ○ Chewable Tablet & Melting Tablet

Even those who have difficulty swallowing regular tablets can **enjoy chewing or dissolving them without water**

Various molds can be applied (standard round shapes, animal shapes)



Soltab®

### ○ Melting Powder

A new powder type that **dissolves smoothly in the mouth without any chalkiness**, allowing for **quick absorption**

### ○ Effervescent Powder & Tablet

Using potassium carbonate to create a smooth carbonation sensation  
A low-sodium product with **significantly reduced sodium content** compared to regular effervescent tablets

### ○ Excipient-free PHGG coating

Korea's first excipient-free PHGG coating using dietary fiber hydrolyzed from guar gum, **Solve the hardness reduction issue** of commonly used corn protein coatings and **provide excellent gloss**

\* PHGG : Partially Hydrolyzed Guar Gum

## Features and Advantages of Dosage Form

### ○ som Tab™

Soft On Mouth

A new cotton-candy-like melting texture, SOM Tab



Quick to Melt,  
Easy to Enjoy

Melts quickly in the mouth  
-easy to consume even for  
those who have difficulty  
swallowing tablets.



Convenient Health,  
Anytime, Anywhere

No need for water.  
Enjoy anytime, anywhere.



Delicious Wellness  
in Every Melt

Enjoy a variety of flavors  
and textures that deliver  
both health and pleasure.

**The first in Korea!**

ODT with a porous particle structure

### Technology Description

### AeroMelt™



### Package options

N	Ziplock Pouch	One-Touch Bottle	Bottle	Multipack
Image				
Material	AL-Foil	PE	HDPE	AL-Foil
Hardness	Medium to Soft	Medium	Medium	Medium
Capacity	Up to 60 tablets	Up to 60 tablets	Up to 60 tablets	1~5 tablets
Size	120mm x 160mm	100ml	90ml	W 70 ~ 75mm H 60 ~ 75mm
Sub-materials	X	Foam sheet (Bottom)	Foam sheet (Bottom)	X
Box	X	Fixing tray	Air-cushion for shipping	X
Shelf life	24M	18M	18M	24M

## Features and Advantages of Dosage Form

### ○ Crunchi Tab

A chewable tablet with a lively crunch, created through thin surface coating technology. An innovative coated formulation that delivers both a crispy texture and vibrant colors



#### CRUNCHI Tab™

Crunch away stress with every bite  
A new kind of tablet with a satisfying crunch that's never boring

With playful textures and attractive colors, it's a snack-like product you'll want to reach for anytime, anywhere



#### Crispy Texture with Visual Joy

Clean and convenient anytime, anywhere



#### Clean Bite Tablet

Designed to minimize crumbling



#### Personalized Care

Tailored wellness solutions for vitamins, inner beauty, and mental care

**Korea's first hybrid-coated tablet combining crunchy texture and functionality, Crunchi Tab**

#### Sugar



#### Sugar Free



Lower Calorie

Customized formulations tailored to consumer needs

Choose your desired function and coating to create a personalized wellness routine

- ✓ Sugar or sugar-free coating
- ✓ Crisp or soft texture
- ✓ vibrant colors

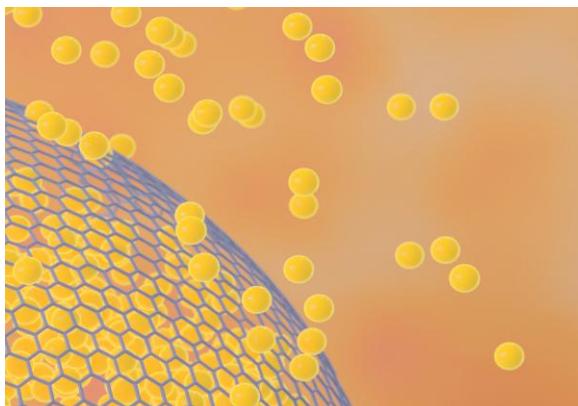
#### Package options

	Ziplock Pouch	One-Touch Bottle	Bottle
Image			
Material	AL-Foil	PE	HDPE
Capacity	60 tablets	45 tablets	60~120 tablets
Size	W 120mm, H 160mm	50ml (W 30mm, H 90mm)	90~160ml
Shelf life	24M	24M	24M

## Features and Advantages of Dosage Form

### ○ Sustained-Release Vitamin C Tablet

COSMAX BIO's proprietary technology, designed for 600 mg of vitamin C with a 9-hour sustained-release profile



### TimeFit-Vita™

Using a hydrophilic polymer matrix technology, this sustained-release tablet controls the dissolution rate, allowing nutrients to be released gradually over time.



#### Advanced Precision Tech

Proprietary Hydrophilic Polymer Matrix Technology



#### Long-lasting Vitality

600 mg of Vitamin C released over 9 hours



#### Gentle on Stomach

Designed to minimize gastrointestinal discomfort

### What makes this special

#### 1. Enhanced Bioavailability via Precision Matrix Technology

- ✓ A cellulose-derived hydrophilic matrix precisely controls the dissolution rate, allowing nutrients to be released gradually over time



Intake → Tablet swelling (absorption of gastric fluid)  
→ Formation of a protective gel matrix → Sustained release

#### 2. Complete All-Day Vitality in a Single Tablet

- ✓ High-dose Vit C delivering 600% of the daily recommended value
- ✓ Sustained release for up to 9 hours



\*Based on the daily recommended value



## Features and Advantages of Dosage Form

### ○ Popping Candy

Provides a fun, **popping sensation in the mouth**



#### Unique Experience

providing taste and fun with popping powder that coolly bursts in the mouth

#### Applicable ingredients

Probiotics, multi-vitamins, enzymes, etc

### ○ Dual Dosage Form

A premium formulation that **combines convenience and functionality in one**, The benefit of being able to consume it with liquid any time, anywhere, without needing water



Multi-Foil



Dual Pack Twist



#### [Bottle type]

Over-Cap	Bottle (Liquid)
600mg X 2 tablets 1,000mg or less X 1 capsule OVAL type is available	20ml
	25 ml
1,000mg X 2 tablets 1,000mg or less X 2 capsules	30 ml
	50 ml

#### [Multi-Foil]

Room A (Tablet)	Room B (Liquid)
500mg X 2tablets ※ Capsule is not allowed	30 g

## Features and Advantages of Dosage Form

### ○ DUAL PACK Twist

No need to open separately, take it all at once  
The evolution of dual formulation



No need to separately consume capsules•tablets and liquids, take them simultaneously in one go.

Top	<ul style="list-style-type: none"> <li>1,000mg: 1 tablet or capsule</li> <li>600mg or below: up to 2 tablets or capsules</li> <li>Enteric coating required (colored or transparent)</li> </ul>
Bottom	<ul style="list-style-type: none"> <li>20ml, 30ml</li> </ul>

#### What makes this special

1. Maximized synergy through formulation tailored to ingredient characteristics

Tablet (Stability, Precise Dosage)	Liquid (Fast Absorption, High Bioavailability)
<ul style="list-style-type: none"> <li>Insoluble ingredients (e.g. Green tea extract, Ginkgo)</li> <li>Moisture-sensitive ingredients (e.g. Vitamin C, Enzymes)</li> <li>Micro-ingredients (e.g. Biotin, Selenium, Zinc, Chromium)</li> </ul>	<ul style="list-style-type: none"> <li>Water-soluble ingredients (e.g. Vit B-complex)</li> <li>Immediate-effect actives (e.g. Caffeine, Taurine)</li> <li>High-dosage ingredients (e.g. Indigestible maltodextrin)</li> </ul>

※ Applicable dosage forms: Enteric-coated Soft capsules, Hard capsules

2. Innovative Package & Enhanced Stability

- Utilizes a patented packaging solution that goes beyond traditional dual-form designs
- Upgraded sealing structure significantly improves moisture protection

3. Simple and Convenient in One Go

- Enjoy capsule•tablet and liquid together in one go
  - no need to separate them
- Highly portable and convenient for easy intake anytime, anywhere

## COSMAX BIO's Dosage Form and Packaging Technology

Production of various customized dosage form and packaging to meet client needs



### Tablet

Uncoated, Coated, Enteric,  
Sugar-coated, Fast-dissolving,  
Chewable, Small Tablet, etc



### Capsule

Hard, Plant-based chewable,  
Soft Capsule (animal-based,  
plant-based, enteric)



### Jelly

Stick, Pouch, Pocket Jelly



### Formulation (Dosage Form)



### Powder

Granules, Melting, Water-mix,  
Effervescent, Easy-bead,  
Popping Powder, etc



### Liquid

Various sensory attributes

## COSMAX BIO's Dosage Form and Packaging Technology

Production of various customized dosage form and packaging to meet client needs



Tablet, Capsule

 **BOTTLE**HDPE, PET,  
Glass Bottle

Tablet

 Ziplock pouch1,000mg  
(SOM Tab)

Tablet, Capsule

 **PTP**

2/4/5/6/7/10 blisters



Tablet, Capsule

 **Multi-Pack**

Multi-packaging with 2 or more dosage form



Powder

 **Stick pouch**

2~30g



Powder

 **Jar**

Package



Jelly

 **Stick**

10~30g



Jelly

 **Pocket**

20~25g



Liquid

 **Pouch** 40~80ml **Stick** 15~30g

Tablet, Capsule

Liquid

 **Dual Dosage Form**Tablet or Capsule + Liquid  
20~50ml bottles or 30g pouch

Established in 2013Y

Site Area

19,131m<sup>2</sup>

Building Area

24,135 m<sup>2</sup>

Capacity : unit / day

VEGI SOFTGEL : 600,000  
GELATIN SOFTGEL : 720,000

POUCH : 211,200

POWDER : 426,000

JELLY : 230,000  
GEL : 192,000  
JELLY/GEL Multipurpose : 80,000

PET BOTTLE : 116,000

TABLET : 1,440,000  
HARD CAPSULE : 960,000



# 2

Production Plant Scale (Facility)

**Shanghai, China**

Established in 2017Y

Site Area

5,000m<sup>2</sup>

Building Area

8,933m<sup>2</sup>

Capacity : unit / day

JELLY : 200,000  
GEL : 200,000  
POUCH : 50,000  
POWDER : 100,000

TABLET : 500,000



(as of Oct. 2025)



# 03

## Ingredients

History of Ingredients Development

Representative Ingredients

# The Best

## Advancing towards the Best COSMAX BIO's Ingredient Technology

We are continuously striving to develop functional ingredients, recognized for their efficacy and safety by global institutions such as the MFDS and the FDA, through the discovery and research of natural and microbial raw materials

**1<sup>st</sup>** In Korea, 2019

First in Korea "L7DG"  
Effectiveness of **reducing eye fatigue** after  
smartphone usage on Koreans

**1<sup>st</sup>** In Korea, 2021

"ReSeringe"  
Selected for 'Top 100 National R&D  
**Achievements**' by Korea Institute of Science &  
Technology Evaluation & Planning (KISTEP)

**1<sup>st</sup>** In World, 2024

"ReplereCell" (Enzyme-Treated  
Caviar Extract)  
Acquired patent for **World's First** with  
four kinds of functionality

**1<sup>st</sup>** In Korea, 2025

First in Korea "Theolim"  
Korea's first body fat functional ingredient  
proven to reduce respiratory quotient(RQ)  
Effectiveness of Body fat reduction

**1<sup>st</sup>** In Korea, 2020

First in Korea "ReSeringe"  
Triple functions for **skin and body fat** on  
Koreans

**1<sup>st</sup>** In Korea, 2022

"SUNMAX"  
Maintain **skin health** from skin damage by UV

**1<sup>st</sup>** In Korea, 2024

"BOSMAX"  
Highest levels of **active biomarkers** in the industry

Research on new ingredients  
for **body fat reduction**,  
**muscle strength**, sleep,  
memory, hair, skin health,  
women's health, etc

## Representative Ingredients

### Individually approved functional ingredients by MFDS



#### L7DG®

차조기추출물  
Perilla frutescens var. acuta Kudo

Eye Health

Helps improve eye fatigue  
MFDS certification No. 2019-17

#### ReSeringe®

수국잎열수추출물  
Hydrangea serrata Seringe

Weight Loss Skin Health

Helps reduce body fat,  
Moisturize (dry) skin,  
Maintain good skin health by  
protecting against damage  
from UV exposure  
MFDS certification No. 2020-7

#### SUN MAX®

로즈마리추출물등복합물  
Rosmarinus officinalis L. &  
Tagetes erecta L.

Skin Health

Helps maintain skin health  
from skin damage by UV  
MFDS certification No. 2021-18

#### BOSMAX®

보스웰리아추출물  
Boswellia serrata

Joint Health

Helps maintain healthy joint  
MFDS certification No. 2024-15

#### Hovenia dulcia extract Theolim™

Hovenia dulcis Thunb.  
extract powder

Liver Health Exercise  
performance  
Fatigue improvement

Helps protect liver from alcoholic  
liver injury, Improve endurance,  
Reduce fatigue  
MFDS certification No. 2008-55

Extract complex of lime & cacao

Weight Loss  
Muscle strength (Q4 2026)

Helps reduce body fat  
MFDS certification No. 2025-68

**First in Korea** Proven to  
improve eye fatigue after  
smartphone usage on  
Koreans

**First in Korea** Triple functions  
for skin and body fat on  
Koreans  
Selected for 'Top 100  
National R&D Achievements'  
in 2021

#### Rosemary : Marigold = 8:1 ratio

Proven to improve four  
types of facial wrinkles  
caused by UV damage

**First in Korea** Proven anti-  
inflammatory effects on joints

Reduced intake dosage &  
Highest levels of active  
biomarkers compared to  
existing one

**First in Korea** Protect liver from  
alcoholic liver injury

Received the Presidential  
Citation twice in 2001 & 2012

Hangover Relief Human Clinical Trial  
Results (Dec. 2024)

**First in Korea** body fat  
functional ingredient proven  
to reduce RQ

10+ body fat-related  
indicators confirmed in  
human clinical trials



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