



# SEOUL PROPOLIS CO., LTD.

PROPOLIS No.1 BRAND

## PROBEE

# The History of Korean Propolis Has Been Started from Seoul Propolis Co., Ltd

Seoul Propolis is a spin-off company of the Korean Atomic Energy Research Institute [KAERI] and has co-developed a technology of alcohol-free and water-soluble propolis [WEEP]. Seoul Propolis works to standardize and develop the propolis industry through the organization of Bio-Propolis Research Council and the World Propolis Science Forum.

## Our History

2018.12	Established Propolis GMP Factory in Daejeon
2018.12	Designated to a Promising Export Firm (Ministry of SMEs)
2018.11	Expanded the Food Business (2 Business Licenses)
2016.12	Awarded Korean World-class Product 2016 (Ministry of Industry)
2016.07	Selected as Global Excellent Company (Univ. Texas & Daejeon)
2016.07	Designated Water-soluble Propolis to Innovative Procurement Product
2015.09	Won Gold Medal for Technology Development at the 44th APIMONDIA
2012.06	Selected as an Innovative Company (Ministry of SMEs)
2010.11	Started the Health Functional Food Business
2010.02	Certified ISO 9001
2009.07	Approved Spin-off Company of Korea Atomic Energy Research Institute
2003.10	Developed a Manufacturing Method of Water-soluble Propolis
2003.02	Founded Seoul Propolis Co., Ltd.

## Our Patent

2017.09	A Method of Using Propolis Mixed with Other Origins and a Composition for Health Functional Foods Containing Propolis (No.10-2017-0127761)
2017.04	A Method of Manufacturing Eco-friendly Water-soluble Propolis
2013.01	Apparatus for Manufacturing Propolis by-product Powder A Method for Preparation of Propolis by-product Powder and Feed Additives Comprising it (No.10-2013-0011511)
2010.10	Preparation Method of Titanium Oxide Nanoparticles and Deodorant Preparing Thereby (No.100991753)
2005.10	Manufacturing Method of Water-soluble Propolis (No.0550165)
2005.09	A Propolis-containing Mixture Reducing Damages Induced by Reactive Oxygen and Radiation and Enhancing Immuneactivity, and its Preparation

## Our Safety Standard

2011.08	Registered with US FDA OTC (No.76254)
2010.03	Received the certification for safety of PROBEE products by U.S FDA
2004.08	Registered with the U.S. Food and Drug Administration (No.10489566816)

# About Core Technology

## WEEP

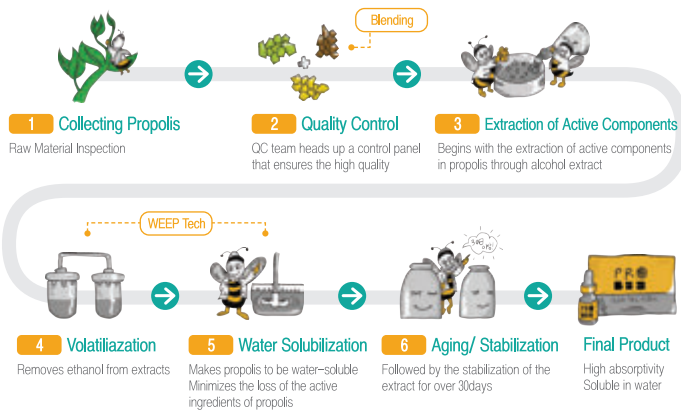


### What is the Propolis & WEEP Technology?

Propolis has various health benefits to include being an antibacterial, anti-inflammatory, anti-oxidative. These benefits make propolis a useful natural ingredient in the cosmetics and health care industry. The water-soluble and alcohol free propolis (WEEP) technology enables the extraction of propolis for use in health foods, beverages, personal care, and cosmetics products. In contrast to other extraction methods, the WEEP technology enables the end propolis product to be water-soluble and overcome propolis' natural stickiness while maintaining more of the desired beneficial components. As water-soluble ingredient, its easier to work with for formulator and manufacturers.

### Alcohol Free & Water-soluble Propolis Manufacturing Process

The final products do not contain etahnol at all and are well absorbed into the body (water-soluble).



### Efficiency Depending on Extraction Methods

While the active substances of propolis are easily soluble in ethanol, the main biologically active substances (flavonoids) of propolis are scarcely soluble in water. WEEP technology enables the end propolis product to be water-soluble while maintaining more of the desired beneficial components.

Efficiency Depending on the Extraction Methods of Propolis

Extraction Methods	Flavonoids	Terpenoid	Poly Saccharides	Minerals
WEEP	●	●	●	●
Alcohol Extraction	●	●	×	×
Water Extraction	▲	×	●	●
Supercritical	▲	●	×	▲
Micellisation	▲	▲	×	×

# PROPOLIS

## 01

### PROPOLIS Functional Food Products

Health supplement which help strengthen the immune system against harmful bacteria, fungi, and viruses,



#### 1 ROBONGBANG Premium Water-soluble Propolis

Premium water-soluble propolis with Oleuropein from olive leave which has antioxidant effect. Made with 3 origins of propolis (Brazil, Argentina and Korea). It contains a higher concentration of flavonoids and helps protect the gastric ulcer / 100ml [50mlx2]  
Containing more than 1.2% of flavonoid.



#### 2 PROBEE - Water-soluble Propolis + Pouch

It consists of portable propolis tincture and pouch for each portability.

- Water-soluble Propolis Tincture 24ml (8ml x 3 bottle)
- Propolis Trio Pouch 50ml (10ml x 5 Pouch)



#### 3 PROGIN Premium Propolis Capsule

Propolis hard capsule with Licorice Extract, Vitamin B (B1, B2, B6), and 3 origins of propolis (Brazil, Argentinian and Korea). It contains a higher concentration of flavonoids.  
2 capsules daily / 500mg x 60 capsules x 3 box (90g)



#### 4 PROBEE - Water-soluble Propolis Tincture

Alcohol free and water-soluble propolis which has antibacterial effect and strong antioxidant properties. Expertly extracted for active immune system support. Made with 3 origins of propolis (Korea, Australia and Argentina) / 30ml



#### 5 PROBEE - Propolis Trio Pouch

Propolis extract is mixed with honey & ginseng extract and conveniently packaged in stick pouch for easy portability. Each pouch contains daily recommended dose of propolis extract with all the active ingredients preserved.  
10ml x 5 pouch) x 4 box (200ml)



#### 6 Propolis Honey

Water-soluble propolis honey product Made with premium acacia honey which is helpful in digestion. 600g



#### 7 PROBEE Portable Water-soluble Propolis Tincture

Alcohol free and water-soluble propolis which has antibacterial effect and strong antioxidant properties. Made with 3 origins of propolis (Brazil, Argentina and Korea) to maximize antioxidant effect. / 20ml (5ml x 4 bottle)

## 02

### PROPOLIS Personal Care Products

Propolis contains bioactive compounds with antimicrobial and antioxidant against harmful oral bacteria such as Streptococcus Mutans



#### 1 PROBEE - Propolis Toothpaste

With high concentrations of Propolis Extract, It prevents tooth staining and protects plaque in a refreshing condition. / 250g (50g x 5ea)



#### 2 PROBEE Propolis 365 Toothpaste

With water-soluble propolis extract, it helps fight plaque and strengthen tooth with regular brushing. Leave your mouth feeling naturally fresh. / 300g (100g x 3ea)



#### 3 PROBEE - Propolis 365 Soap

Excellent cleansing soap with intense moisturizing and skin protective properties. It contains propolis extract, herbs, olive oil and tea tree oils, paraben free, no mineral oil. / 300g (100g x 3ea)



#### 4 PROBEE - Propolis Gift Set

Made with the finest ingredients from nature.  
- PROBEE propolis 365 Toothpaste (100g x 2ea)  
- PROBEE propolis 365 Soap (100g x 2ea)

## 03

### PROPOLIS Cosmetics

Propolis assists in balancing, healing and soothing problematic skin. Propolis protects against bacteria and functions as a great anti-inflammatory agent



#### 1 PROBEE - Biovera

Enriched with a blend of natural origin Aloe Leaf Water & Propolis Extract that nourish and hydrate the skin 100ml

Developed with laser medical center in Dankook Univ.

## 04

### PROPOLIS Raw Materials

Suitable for Foods, Personal Care, Cosmetics  
Animal Feed Products as additives



#### 1 Alcohol-free and Water-soluble Propolis Extract / Suitable for Foods, Personal Care, Cosmetics

WEEP (for Food Products)

Total Flavonoids Content 0.5% / 1.0% / 1.2%

SEEP (for Cosmetics, Personal Care, Animal Feeds, Products)

Total Flavonoids Content 0.1% / 0.5% / 1.0% / 2.0%

#### 2 Ethanol Extracted Propolis / Suitable for Foods, Personal Care, Cosmetics

EEP

Suitable for Additives to Food, Cosmetics, Personal Care, Animal Feed

Total Flavonoids Contents 0.5% / 1.0% / 2.0% / 4.0% / 5.0%



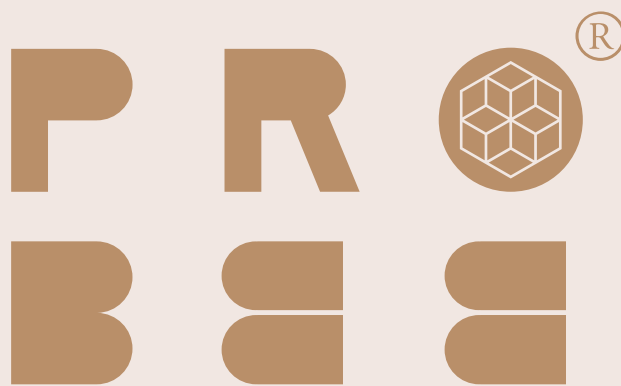
#### 3 Propolis Powder 3.0% / 5.0% / 8.0%

Suitable for Food, & Animal Feed Product  
Total Flavonoids Content 3.0% / 5.0% / 8.0%

#### Propolis Composite Powder

Suitable for Food (Containing Honey & Bee Pollen)  
Total Flavonoids Content more than 0.4%





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