



큰빛바이오
KEUNBIT Bio Co., Ltd.

SAMCHAE(Allium Hookeri),
the Vegetable for Your Health We sincerely
strive to deliver the Mother Nature to you.

www.keunbitbio.co.kr



(주)큰빛바이오
KEUNBIT Bio Co., Ltd.

CEO GREETINGS

VISION

Homo Hundred, Healthier with the Mother Nature

CORPORATE PHILOSOPHY

Trust-building with Sincerity and Honesty

Eco-friendly Bio Company for the Nature and People

Restless R&D for Improvement of Human Health

KEUNBIT BIO Co., Ltd. is an anti-aging bio company that promotes health and happiness of the people. We developed technologies to cultivate SAMCHAE(*Allium hookeri*) containing organic germanium and to extract beneficial ingredients, and therefore acquired the patent in Korea.

We use our patented technology to grow SAMCHAE(*Allium hookeri*) containing dietary sulfur, potassium, calcium, zinc, and organic germanium, and to produce products such as Fermented SAMCHAE Tea, SAMCHAE Soap, Silk Soap, and SAMCHAE Tablet containing the beneficial ingredients of the SAMCHAE Extract.

We conducted an environmental survey in Myanmar and have been producing 24 tons of germanium-containing SAMCHAE in a "dedicated cultivation land for SAMCHAE" (about 21,500 m²) in Akyang-myeon, Hadong-gun, Gyeongnam Province since 2011.

Our company is at the Jinju Bioindustry Promotion Foundation. KEUNBIT BIO is committed to restlessly developing natural beauty products and anti-aging health care products based on our 'unique SAMCHAE cultivation technology', to meet the expectations of humans for "healthy beauty."

Thank you.

CEO Guangju Ok, KEUNBIT BIO



SAMCHAE : Perennial plant belonging to Liliaceae. The scientific name is *Allium hookeri*. It is native to India, Sri Lanka, Myanmar, Bhutan, and southwestern China adjacent to the Himalayas. In the country of origin, it is called Juumyit and contains a large amount of dietary sulfur that has excellent antibacterial effects, so it is effective in alleviating inflammation and preventing various skin diseases and atopic diseases.

HISTORY



- 2011 SAMCHAE test cultivation (Jinju, Gyeongnam)
- 2012 Established the KEUNBIT SAMCHAE Farm. (Hadong, Gyeongnam, 21,500m²)
- 2013 Succeeded in cultivating functionality-enhanced Germanium SAMCHAE.
- 2014 Established the KEUNBIT BIO.
- 2014 Started manufacturing two products including SAMCHAE Tablet.
- 2014 Conducted the joint technology development project of industry and academy. (development of SAMCHAE processed food)
- 2015 Completed the joint technology development project of industry and academy. Released the SCI paper and applied for the patent.
- 2016 Registered the patent for 'Health Food Manufacturing Methods using SAMCHAE'.
- 2017 Registered the patent for 'Fermented SAMCHAE Tea and Its Manufacturing Method'.
- 2017 Registered the patent for 'Obesity Preventive Treatment Formulation with Fermented SAMCHAE Extract and Its Manufacturing Method'.
- 2017 Designated as a venture company.
- 2017 Selected as a Promising Export SMEs.
- 2017 Participated in the Export Consortium Project. (Ho Chi Minh, Vietnam)
- 2017 Participated in the South Gyeongsang Province Trade Delegation in the second half of the year. (China)
- 2018 Participated in the South Gyeongsang Province Trade Delegation in the first half of the year. (China)
- 2018 Participated in the South Gyeongsang Province Trade Delegation. (Vietnam, Hong Kong)
- 2019 Participated in the Jinju Trade Delegation to Europe. (Sweden, etc.)
- 2019 Participated in the Korea-Sweden Summit (KOTRA).

RESEARCH & DEVELOPMENT



2015. 11. 30

Reported the results of the joint technology development project of industry and academy with the Gyeongnam National University of Science and Technology.
"Development of SAMCHAE Processed Food to Prevent the Obesity Caused by High-Fat Diet"



2016. 06. 15

Registered the patent for "Health Functional Food Formulation with SAMCHAE and Its Manufacturing Method".



2017. 02. 27

Registered the patent for "Fermented SAMCHAE Tea and Its Manufacturing Method".



2017. 03. 16

Published the research paper on SAMCHAE in the SCI journal.
Comparative Evaluation of Sulfur Compounds Contents and Anti-obesity Properties of SAMCHAE Prepared by Different Drying Methods



2017. 10. 12

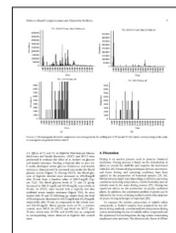
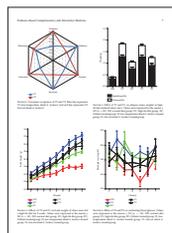
Registered the patent for 'Obesity Preventive Treatment Formulation with Fermented SAMCHAE Extract Containing Germanium and Its Manufacturing Method'.



2019. 09. 11

Selected for "Gyeongnam Support Project to Advance Anti-aging Bio Products" of the Jinju Bioindustry Promotion Foundation and obtained the technology to separate the Silk Sericin, a component similar to Natural Moisture Factor(NMF).

Research Paper



SILK SOAP

HS CODE	3401
Package	3 pcs / 105g * 3
	2 pcs / 105g * 2
Weight	120g (with water) / 105g (dry)
Key Ingredients	Coconut fats and oils, Silk protein, Germanium SAMCHAE extract and oriental herbal extract

Product Features

- The Silk Soap was made with SAMCHAE extract cultivated with patented technology to contain dietary sulfur and germanium and Silk Protein Sericin with superb moisturizing capacity like NMF.
- SAMCHAE extract has anti-bacteria effects to prevent skin troubles. Silk Sericin inhibits the activation of the tyrosinase, a key skin aging factor, and prevents wrinkles by providing a strong keratin-binding ability and superb hydration.
- The Soap is extra mild by using our own optimized method of extraction and disassembly process.

How to Use



1 STEP
Make rich bubbles to cleansing areas using lukewarm water.



2 STEP
Massage gently for more than 30 seconds.



3 STEP
Rinse with lukewarm water and finish the cleansing with cold water to perfectly remove the soap bubbles.

KEUNBIT BIO Silk Soap

Minimized skin irritation with human-friendly raw materials

Skin trouble prevention with antimicrobial action

Gentle cleansing with fine foaming

Long-lasting without getting softer with vacuum
compression manufacturing method



SAMCHAE SOAP

HS CODE	3401
Package	3pcs / 105g * 3
	2Pcs / 105g * 2
Weight	120g (with water) / 105g (dry)
Key Ingredients	Coconut fats and oils, Germanium SAMCHAE extract and oriental herbal extract

Product Features

- This plant-derived soap is made with SAMCHAE cultivated with the unite technology of KEUNBIT BIO to contain organic germanium.
- The soft and fine soap bubbles contain the dietary sulfur and organic germanium to perfectly remove wastes in the pores.
- This hypoallergenic plant-derived soap is made with coconut oil base, specially-crafted SAMCHAE extract and oriental herb extract to cleanse the face, hair and body regardless of gender and age.
- The top-quality cosmetic soap generates superb creamy bubbles to enhance cleansing function and makes the makeup smoother.
- A small amount of soap generates rich bubbles. The soap doesn't get soft and keep its original shape when in contact with the water for prolonged use.

Efficacy of SAMCHAE Soap

1. Perfect cleansing & NO skin tightness
2. Superb exfoliation
3. Excellent silkiness for skin protection and clean shaving for men
4. The soap instantly melts down in contact with water to provide moisturizing as well as clean and refreshing feeling.
5. Hypoallergenic soap for all ages and genders

It creates fine bubbles to maximize the cleansing power.

Minimized tightness of the skin after cleansing

Moisture retention after exfoliation

Skin protection with soft foam when shaving

Hypoallergenic soap for face and body



SAMCHAE REDROOT TEA

HS CODE	0902
Weight	40g (20g * 2)
Key Ingredients	Fermented SAMCHAE Roots (Korean)

Product Features

- The tea has unique taste of SAMCHAE, sweet, bitter and spicy taste as well as dietary sulfur.
- It is gentle on the throat and aromatic.
- Contains no caffeine.
- The tea has clean taste and is greatly preferred.
- The tea has been aged and fermented for over 5 years and has undergone 9 times steaming and drying treatment.

Efficacy of Red Root Tea

- Fermented SAMCHAE Tea was made by fermenting SAMCHAE containing organic germanium and dietary sulfur to detox the body and promote skin health.
- The tea induces sleeping to help recover from fatigue.
- It warms your body up to boost immunity.

How to Drink



① Boil the water and put the measured amount of the tea leaves into the tea pot.
(80°C water is suitable to make the tea)



② Throw away the first tea.
(Tea cleaning)



③ Put the boiled water to the tea pot.

- You can enjoy the tea for 5 to 6 times by controlling the concentration according to your taste.
- The more you make the tea, the better it tastes.

SAMCHAE RedRoot Tea

This premium tea has been made by aging and fermenting SAMCHAE containing organic germanium and dietary sulfur and through 9-times steaming and drying treatment.



SAMCHAE TABLET

HS CODE	2005
Weight	110g
Key ingredients	SAMCHAE(Korean), White Atractylis, Wheat Flour

Product Features

- The tea has unique taste of SAMCHAE, sweet, bitter and spicy taste as well as dietary sulfur.
- Germanium has been materialized by the patented SAMCHAE cultivation technique.
- The product is made as the tablet form for easy intake.
- The product has been made with the utmost care to maintain beneficial ingredients like dietary sulfur and germanium of SAMCHAE.

Efficacy of SAMCHAE Tablet

- Allium Hookeri Tablet was made by fermenting Allium Hookeri containing organic germanium and dietary sulfur to detox the body and promote skin health.
- It induces sleeping to help recover from fatigue.

How to Eat

- Eat 20 to 30 tablets (2-3g) twice a day in the morning and evening (30 minutes after meal).

SAMCHAE Tablet from Jirisan Mountain

We deliver Allium Hookeri raised
by bright sunlight and clean wind of Mt. Jirisan.
Contains more than 90.5% of SAMCHAE



CERTIFICATION STATUS

① Patent Certificate



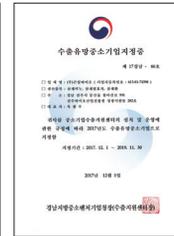
② Certificate of Registration



③ Venture Business Certificate



④ Promising Export Firm Certificate



⑤ New Intellectual Certificate



⑥ Test Report



⑦ Inspection Report



EQUIPMENT AND MATERIAL STATUS



CORPORATE ACTIVITIES



2015. Oct. Jinju Namgang Yudeung Festival



2015 Anti-Aging EXPO (CECO)



2016. Oct. K-BEAUTY Expo (KINTEX)



2016. Dec. Gwangju International Tea Fair



2016 Dong-a Tea Fair (KINTEX)



2017. Dec. Changwon International Ma Maison (CECO)



2018 Jinju Agricultural Food Expo
(Jinju MBC Convention)



2018. Feb. Dong-a Tea Fair (Yangjae-dong AT Center)



(주)큰빛바이오
KEUNBIT Bio Co., Ltd.

#202, Jinju Bioindustry Promotion Foundation,
Wolasan-no 991, Munsan-eup, Jinju-si,

TEL : +82-55-755-1900

FAX : +82-55-759-0095

www.keunbitbio.co.kr