Zhenfuyin

ACTIVEVEL-736

INCI: Water, Glycerin, Butylene Glycol, Leontopodium Alpinum Extract.

ECOCERT RAW MATERIAL
COSMOS APPROVED

抗衰/祛皱系列
ANTI-AGING/WRINKLE REMOVAL SERIES

Product Features

- A natural plant raw material developed for fragile skin issues, it soothes skin sensitivity, promotes collagen regeneration, and enhances skin self-healing ability.
- The active ingredient, leontopodic acid, is a secondary metabolite that protects Leontopodium from environmental stress.

Source Innovation

- Source: Haibei Tibetan Autonomous Prefecture, Qinghai.
- Extracted from Leontopodium alpinum growing in alpine meadows at 3500 meters above sea level.

Efficacy Verification

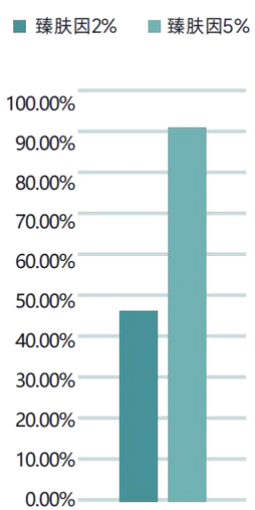
Antioxidant – DPPH Free Radical Scavenging Model

According to the free radical theory, excess production of free radicals is the main cause of skin natural aging and photoaging, resulting in wrinkles.

DPPHFree Radical

-91.25%

At 5% concentration, Zhenfuyin showed an average DPPH free radical scavenging rate of 91.25%, significantly different from the negative control (P<0.05), indicating anti-wrinkle efficacy.



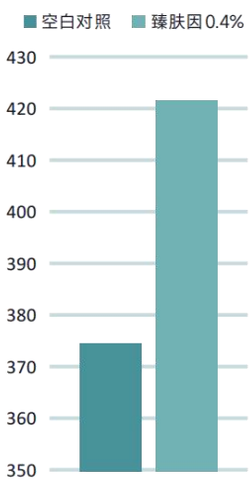
Anti-Wrinkle – Type I Collagen Content Test

The anti-wrinkle effect of the tested substance was evaluated by comparing the content of type I collagen exocrine between the sample group and the control group.

Type I Collagen

+11.25%

Compared to the control group, Zhenfuyin at 0.4% concentration significantly increased Type I collagen content in fibroblasts, demonstrating anti-wrinkle efficacy.



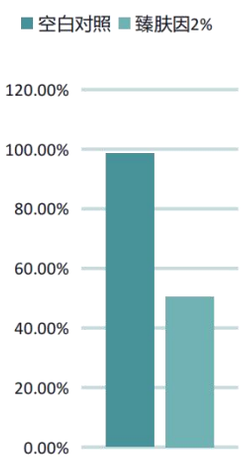
Firming – Elastase Inhibition Model

The tightening effect biochemical method mainly characterized the effect of the effective substance on skin relaxation by evaluating the inhibitory rate of elastase.

Firming – Elastase

-50.48%

At 2% concentration, Zhenfuyin showed an elastase inhibition rate of 50.48%, significantly different from the negative control (P<0.05), indicating firming efficacy.



Lanye Junning

HYDROOEL-154

抗敏/舒缓系列

PLANT-BASED ANTI-ALLERGY SOOTHING SERIES

INCI: Water, Butylene Glycol, Glycerin, Olea Europaea Leaf Extract.

Product Features

- A key plant raw material developed for inflammatory skin, with significant anti-inflammatory and antioxidant effects, suitable for sensitive skin.

Source Innovation

- Source: Yunnan, China.
- Known as the "hometown of Chinese medicinal plants," Yunnan's unique climate and soil conditions are favorable for plant growth

Efficacy Verification

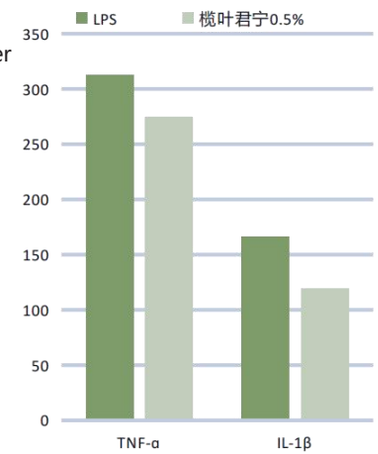
Anti-Sensitive – Macrophage Inflammatory Factor Model

By comparing the contents of inflammatory factors secreted by RAW264.7 after administration of negative control and test object, the anti-sensitivity efficacy of test object was evaluated.

TNF-α **IL-1β**

-6% **-28%**

Compared with the negative control group, the content of macrophage inflammatory factors can be significantly inhibited at 0.5% concentration, indicating that the sample has anti-sensitivity effect.



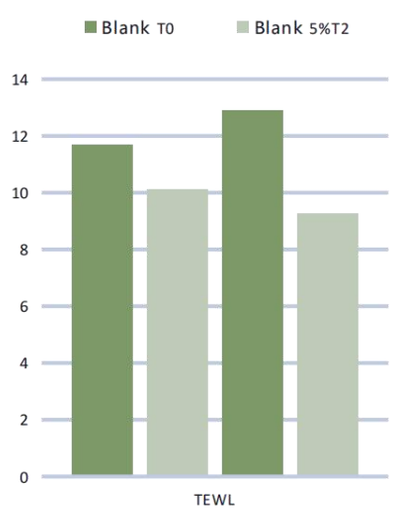
Repair - Human 2H Repair Model

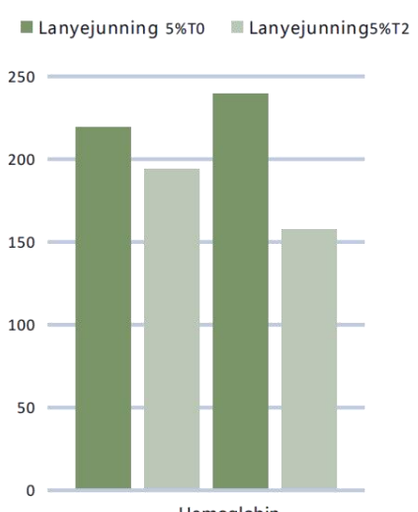
By comparing the differences in TEWL (Transepidermal Water Loss) values and hemoglobin levels on the volunteers' arms between the negative control and after administration of the test substance, the efficacy of the test substance in repair is evaluated.

TEWL **Hemoglobin**

-27% **-32%**

Compared to the negative control group, the sample "Lanyejun Ning" at a concentration of 0.5% downregulated the TEWL (Transepidermal Water Loss) value and hemoglobin value in the application area, showing a significant difference compared to the negative control ($P < 0.05$), indicating that it possesses reparative efficacy.





B

Junjingji

FRESHENFO-560

COSMOS APPROVED

控油/祛痘系列
OIL CONTROL AND ACNE REMOVAL SERIES

INCI: Water, Butylene Glycol, Fomes Officinalis Extract.

Product Features

- High Active Ingredient Content — Rich in triterpenes, sesquiterpenes, polyphenols, polysaccharides, and other active ingredients. The active ingredient content in Fomitopsis officinalis is exceptionally high, 9.8 times that of general fungal extracts.
- Triterpenic acids are natural organic compounds with a high safety profile, serving as effective skin astringents. They can effectively reduce sebum production at the cellular level, promoting a stable and healthy balance of oil and moisture in the skin.

Source Innovation

- Traceability: Jiamusi, Heilongjiang
- Jiamusi City in Heilongjiang Province is known as "China's Most Beautiful City for Rime Ice." It boasts vast pine forests and abundant medicinal fungal resources that grow on these pine trees.

Efficacy Verification

Immediate Skin Tightening and Pore Minimizing Test

Using the VISIA-CR analysis software, the number of facial pores and the percentage of pore area were measured 1 hour after application of the test substance.

Number of pores

-6.32%

Proportion of pore

-8.57%

After 1 hour of using a 5% concentration of Fomitopsis officinalis extract, both the number of pores and the proportion of pore area were reduced. This indicates that the 5% concentration of Fomitopsis officinalis extract has certain immediate tightening and pore-minimizing effects.

C

Zhenpeining

HRABSR-101

INCI: Water, Butylene Glycol, Bletilla Striata Root Extract, 1,2-Hexanediol.

COSMOS APPROVED

保湿/修护系列
PLANT-BASED MOISTURIZING SERIES

Product Features

- Bletilla striata root, known in the "Compendium of Materia Medica" for its excellent hemostatic and anti-inflammatory effects, contains polysaccharides that promote repair and moisturizing, suitable for sensitive skin repair.

  In modern skincare products, Bletilla striata rhizome extract is known for its remarkable reparative, moisturizing, and soothing effects, making it particularly suitable for sensitive skin care. The combination of its traditional medicinal background and modern scientific research has established it as an effective and safe natural skincare ingredient.

Source Innovation

- Source: Dabie Mountain, Anhui.
- Located at an altitude of 1500 meters, with the highest peak, Baimajian, at 1777 meters, it is the watershed between the Huai River and the Yangtze River.

Efficacy Verification

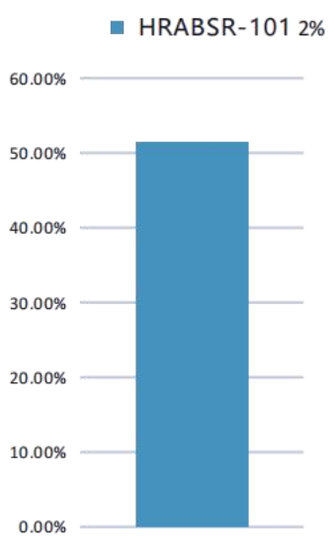
Firming – Elastase Inhibition Model

The biochemical method for evaluating firming efficacy primarily characterizes the effectiveness of active ingredients in delaying skin laxity by assessing their inhibition rate on elastase. Elastase is an enzyme that breaks down elastin, a key protein responsible for maintaining skin elasticity and firmness. By measuring how effectively a substance inhibits elastase activity, its potential to prevent or reduce skin sagging and promote skin tightness can be determined. This method is widely used in the development and testing of anti-aging and firming skincare products.

Elastase

-51.43%

At 2% concentration, Zhenpeining showed an elastase inhibition rate of 51.43%, significantly different from the negative control ($P<0.05$), indicating firming efficacy.



D

Kunlun Snow Chrysanthemum

ACTIVEKLUN-4768

美白祛斑系列
WHITENING/BLEMISH REMOVAL SERIES

INCI: Water, Butylene Glycol, Glycerin, Chrysanthemum Morifolium Flower Extract.

Product Features

- Kunlun Snow Chrysanthemum, also known as "Blood Chrysanthemum" or "Gülqar" in Uyghur, is a rare alpine wild plant native to Xinjiang. It is the only plant comparable to the Snow Lotus in reputation and unique efficacy. Rich in various active ingredients, its flavonoids are potent antioxidants, exhibiting antioxidant activity and the ability to inhibit tyrosinase activity.

Source Innovation

- Traceability: Xinjiang Hetian
- The Hetian region of Xinjiang is located in the Kunlun Mountains, with an average altitude of over 2,100 meters.

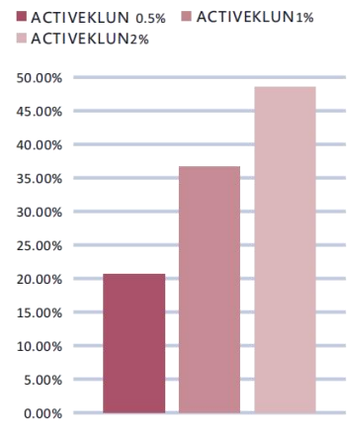
Efficacy Verification

Whitening - Tyrosinase Inhibition Model

Test substances that inhibit tyrosinase activity can reduce the conversion of L-tyrosine to dopaquinone, thereby decreasing the absorbance value. By measuring changes in absorbance, the inhibitory effect of the test substance on tyrosinase activity can be determined, and its whitening efficacy can be evaluated.

Tyrosinase Inhibition -48.58%

Ice Mountain Snow Chrysanthemum Active Compound, at concentrations of 0.5% to 2%, significantly inhibits tyrosinase activity, demonstrating whitening efficacy.



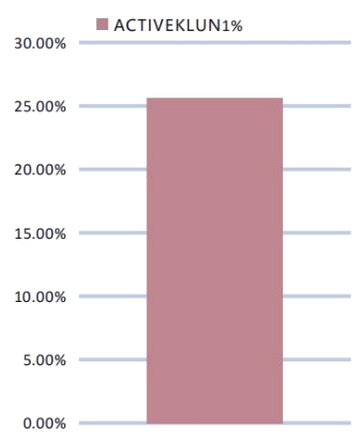
Antioxidant - DPPH Free Radical Scavenging Model

According to the free radical theory, the overproduction of free radicals is a primary cause of natural skin aging and photoaging, leading to the formation of wrinkles.

DPPH Free Radical

-25.57%

Ice Mountain Snow Chrysanthemum Active Compound, at a concentration of 1%, demonstrates significant free radical scavenging effects.



E

Longdan Root

GENTIAN ROOT EXT

抗敏/舒缓系列

PLANT-BASED ANTI-ALLERGY SOOTHING SERIES

INCI: Water, Glycerin, Butylene Glycol, Gentiana Scabra Root Extract.

Product Features

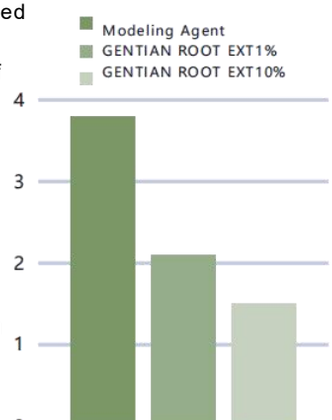
- In traditional medicine, gentian root is commonly used for clearing heat, detoxifying, reducing inflammation, and promoting digestion, among other purposes. Its main active components include gentiopicroside and other bitter compounds, which possess anti-inflammatory, antioxidant, and antimicrobial properties.
- In skincare products, gentian root extract is often utilized to soothe sensitive skin, alleviate skin inflammation and redness, and help repair the skin barrier function. It is suitable for sensitive or irritated skin, effectively relieving discomfort and enhancing the skin's tolerance.

Efficacy Verification

Zebrafish Soothing – Behavioral Experiment

When zebrafish embryos are exposed to chemical stimuli, the number of spontaneous spinning movements they produce increases. However, when a test sample with soothing properties is introduced, the number of spinning movements significantly decreases compared to the model group. By comparing the changes in the number of spinning movements of zebrafish embryos, the soothing efficacy of cosmetic ingredients and products can be evaluated.

Relative Stimulation Intensity -60%

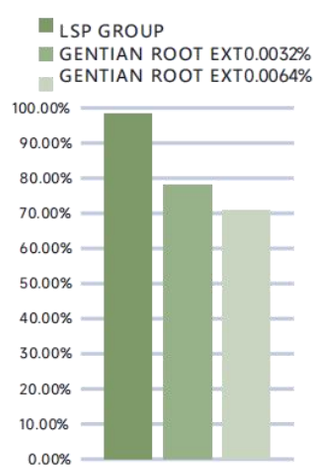


At concentrations of 1% and 10%, gentian root extract can reduce the irritation induced by the modeling agent SDS (sodium dodecyl sulfate) in zebrafish embryos, showing a significant difference ($P < 0.05$). This indicates that gentian root extract possesses certain soothing properties.

Anti-Sensitive – Macrophage Inflammatory Factor Model

By comparing the differences in the levels of inflammatory factors secreted by RAW264.7 cells between the negative control group and the group treated with the test substance, the anti-sensitivity efficacy of the test substance can be evaluated.

IL-6 -29%



Compared to the negative control, Gentian root extract at 0.0032% and 0.0064% concentrations significantly inhibits IL- 6 content, indicating anti-sensitive efficacy.

F

Keyin

SFC-2

INCI: Yeast Ferment, Camellia Sinensis Leaf Water, Yeast/Lactobacillus/Black Tea Ferment, Butylene Glycol, 1,2-Pentanediol, Caprylhydroxamic Acid.

Product Features

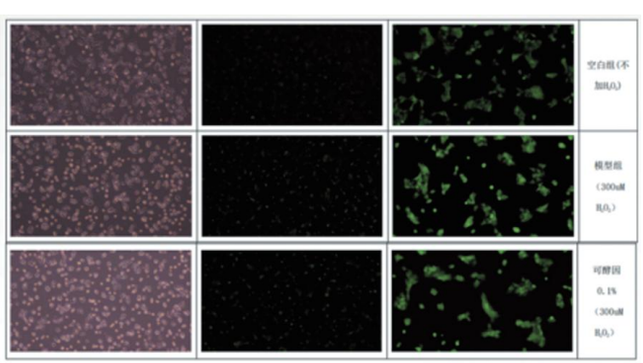
- Triple fermentation of black tea, providing antioxidant, oil control, and antibacterial effects, suitable for scalp issues.

Source Innovation

- The kombucha culture was isolated from traditional fermented tea beverages in Shandong Province.
- Moksha's proprietary preserved strains: Yeast WS814 and Acetobacter xylinum WS592.

Antioxidant Stress - Cellular ROS Inhibition

By comparing the negative control group with the group treated with the test substance, the fluorescence intensity of the intracellular dye DCFH-DA was observed to weaken.



At a concentration of 0.1%, SFC-2 significantly reduced the fluorescence intensity, indicating that SFC-2 at this concentration effectively inhibits cellular ROS (reactive oxygen species)

Efficacy Verification

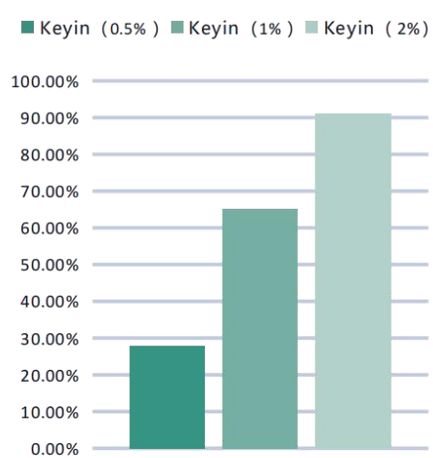
Antioxidant - DPPH Free Radical Scavenging Model

According to the free radical theory, the overproduction of free radicals is a primary cause of natural skin aging and photoaging, leading to the formation of wrinkles.

DPPHFree Radical Scavenging

-91.00%

SFC-2, at concentrations of 0.5% to 2%, demonstrates significant free radical scavenging effects.



Moringa seed extract

MORINGA SEEDS EXT

INCI: Water, Glycerin, Moringa (Moringa Oleifera) Seed Extract

Product Features

- The leaves, young pods, shoots, flowers, tender stems, and roots of the moringa tree are all edible, making it a plant that serves both medicinal and culinary purposes. As a result, moringa is hailed as the "Miracle Tree" and the "Diamond of Plants."
- Its seeds contain active coagulating agents, which have the unique ability to purify water.

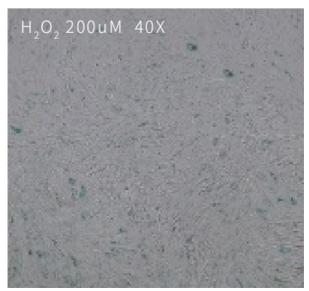
Source Innovation

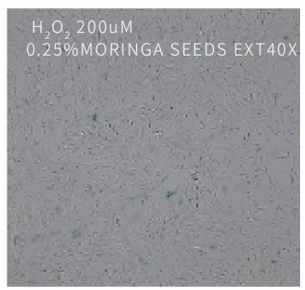
- Traceability: Xishuangbanna, Yunnan
- The planting area in Xishuangbanna, Yunnan, is highly conducive to the growth of moringa trees: abundant rainfall, high average daily temperatures, ample sunlight, almost frost-free throughout the year, and soil primarily composed of dry red earth.

Efficacy Verification

Anti-Aging - β-Galactosidase

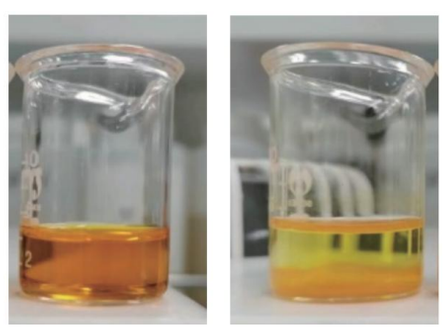
Under an optical microscope, cells expressing β-galactosidase that turn blue are identified as senescent cells.





Compared to the model group, the degree of cellular senescence was significantly reduced, indicating that the moringa seed extract at a concentration of 0.25% has anti-aging effects

Purification - Adsorption of Pollutants



Moringa seed extract (8%) adsorbs pollutants and has purifying effects.