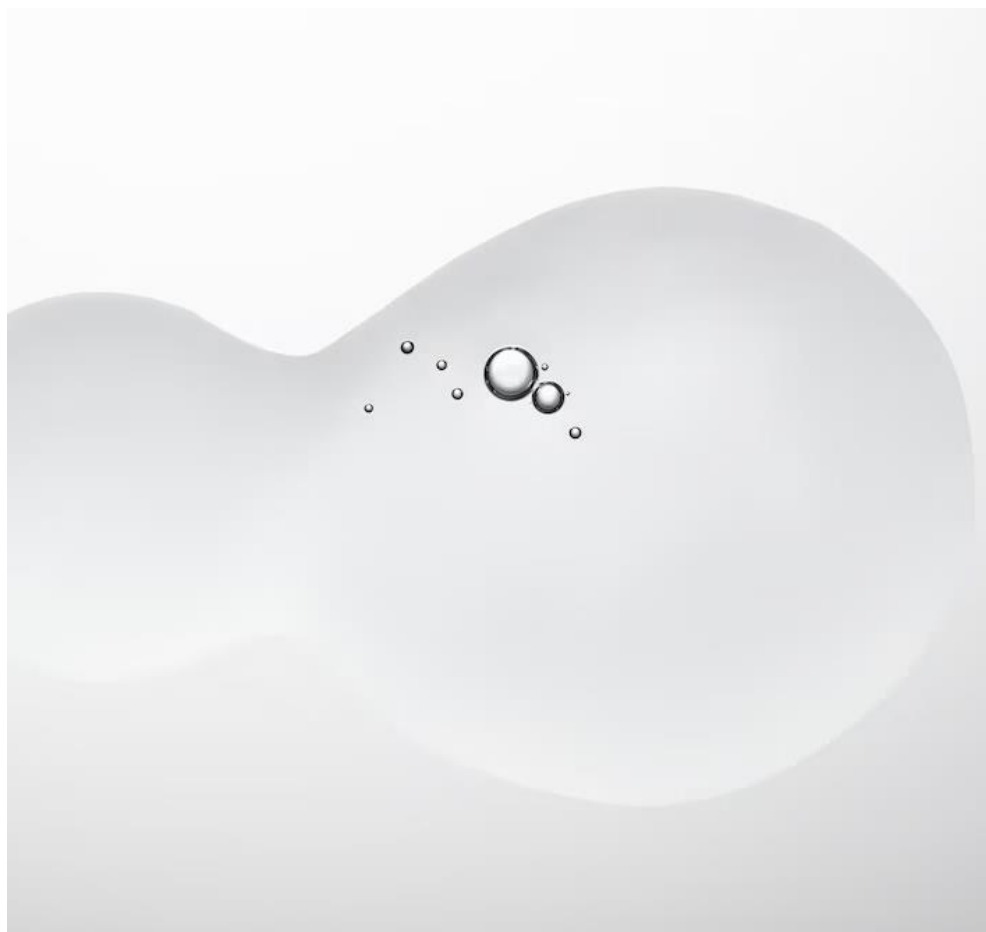




NATORI PROBIOTICS FM COMPLEX BG



INCI name

Lactobacillus/Soybean Ferment Extract, Lactobacillus/Punica Granatum Fruit Ferment Extract, Butylene Glycol

NATORI PROBIOTICS FM COMPLEX BG

Ji Su Hwa Pwoong is Korea's traditional method of fermentation by Lactobacillus. Consists of Lactobacillus/ Soybean Ferment Extract, Lactobacillus/ Punica Granatum Fruit Ferment Extract.

- Moisturizing
- Enhance elasticity
- Skin statement recovery
- Refreshing



What is probiotics?

Probiotics are live microorganisms that are **beneficial to human health**, especially to the digestive system. They are often referred to as "**good bacteria**" because they help to maintain a healthy balance of microorganisms in the gut, which is **important for overall health and well-being**.

Probiotics can be **found in a variety of foods, such as yogurt, kefir, sauerkraut, and kimchi**. They are also available in supplement form, either as capsules or powders. Some of the health benefits associated with probiotics include **improved digestive function, enhanced immune function, and reduced inflammation**.

What is benefits of probiotics on skin?

Probiotics can help to **restore the balance of microorganisms on the skin**, which can be disrupted by factors such as harsh cleansers, antibiotics, and environmental stressors

By promoting a healthy skin microbiome, probiotics can help to improve skin health and reduce the risk of conditions such as acne, rosacea, and eczema. Probiotics have anti-inflammatory properties that can help to soothe irritated or inflamed skin. This makes them a good choice for people with sensitive skin or conditions such as rosacea or eczema.

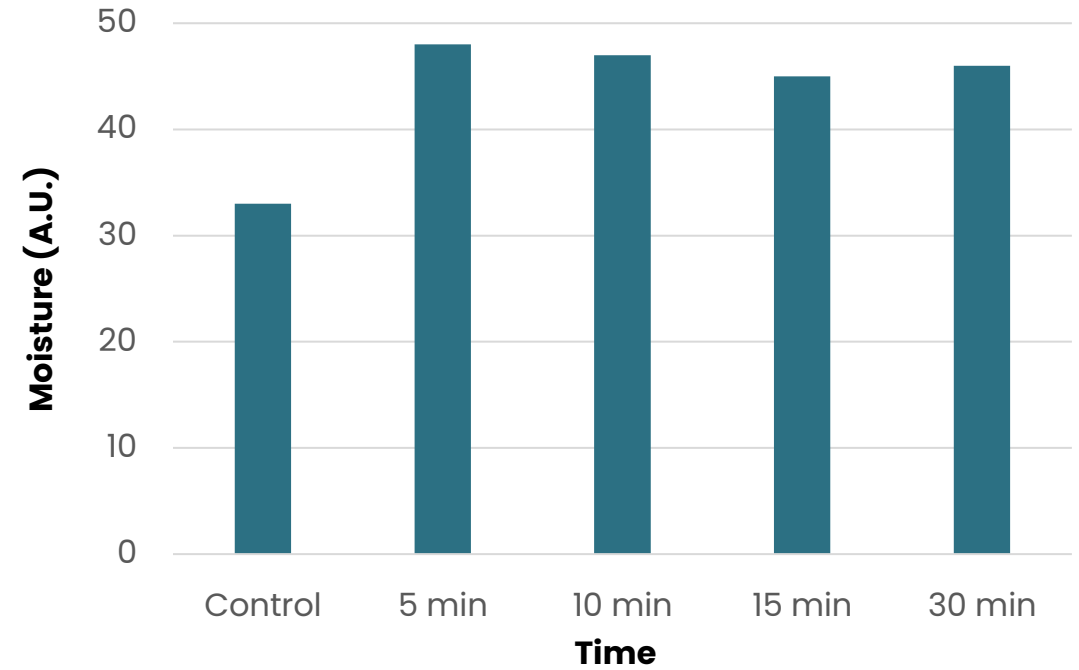
Efficacy Test

Moisturization

Condition	Contents
RH value	40 to 60 %
Temperature	20 to 25 °C
Sample Treatment	0.5 g on whole face
Read region	Cheek



Test Method : SDM - P-Sensor & E-Cam
What to check: Moisture retention



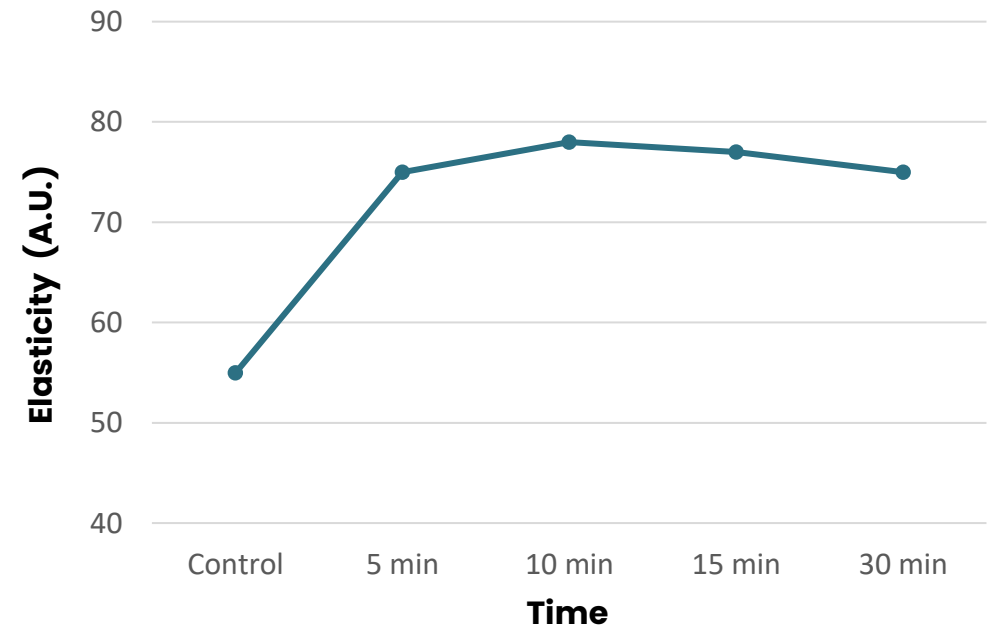
Efficacy Test

Moisturization

Condition	Contents
RH value	40 to 60 %
Temperature	20 to 25 °C
Sample Treatment	0.5 g on whole face
Read region	Cheek



Test Method : SDM - P-Sensor & E-Cam
What to check: Enhancing Elasticity



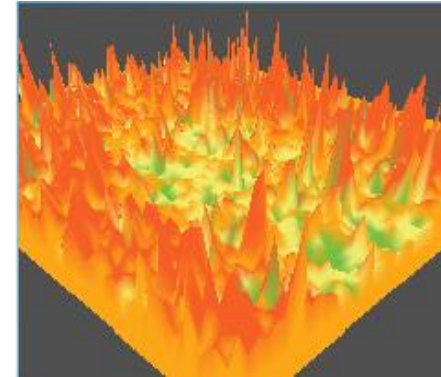
Efficacy Test

Moisturization

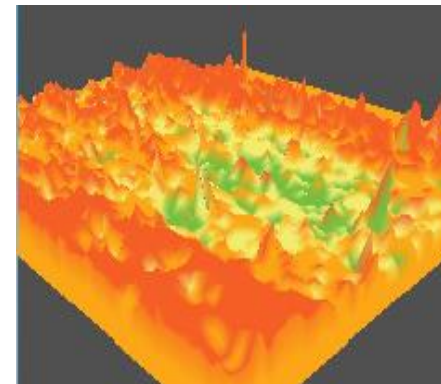
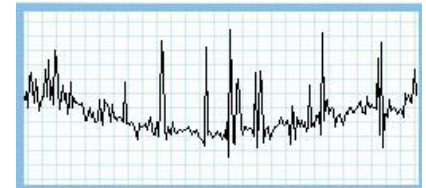
Condition	Contents
RH value	40 to 60 %
Temperature	20 to 25 °C
Sample Treatment	0.5 g on whole face
Read region	Cheek



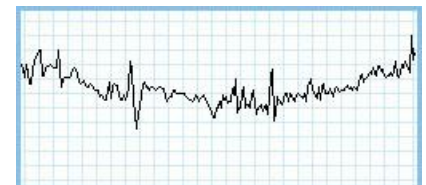
Test Method : SDM - P-Sensor & E-Cam
What to check: Recover skin statement



BEFORE
Irregular skin
statement



AFTER 60 MINS
Flat skin
statement



Literature Data

Lactobacillus/Punica Granatum Fruit Ferment Extract

Fermented pomegranate extracts protect against oxidative stress and aging of skin

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Abstract

Background

Punica granatum (pomegranate) potentially ameliorates skin inflammation and pain, including herpetic stromal keratitis. Fermentation is a biotechnological technique that may naturally induce health benefits by producing antioxidants. However, the anti-aging effect of fermented pomegranate extracts (FPE) on the skin is still unclear.

Aim

This investigation evaluates the effects of fermented pomegranate as a functional supplement (FPE drink, FPE-D) and a cosmetic ingredient (FPE serum, FPE-S) *in vitro* and *in vivo*.

Patients/Methods

The effects of FPE products for anti-oxidation, anti-tyrosinase, anti-inflammation, and anti-aging were examined. Forty subjects were randomly allocated to FPE-D or placebo drink groups (50 ml of a FPE-D /placebo drink daily for 8 weeks for each subject), and another 40 subjects were recruited to FPE-S or placebo serum groups (about 3 ml of a FPE-S /placebo serum daily and nightly/daily for 4 weeks for each subject) in a double-blind study.

Results

The effects of FPE products on the DPPH, ABTS⁺, and NO· free radical scavenging activities, their inhibiting of tyrosinase activity and their enhancement of the skin health of healthy subjects, were investigated. FPE-D improved the moisture, brightness, elasticity, and collagen density of the skin of most subjects at 8 weeks relative to the baseline without treatment ($p < 0.05$). After 4 weeks of FPE-S serum consumption, the moisture, brightness, elasticity, spots, UV spots, and collagen density of skin were slightly better than those at week 0 ($p < 0.05$).

Conclusions

The daily consumption of fermented pomegranate extracts can protect the skin against oxidative stress and slow skin aging.

Information on use

Specifications

Appearance	Slightly Hazy Viscous Liquid
Odour	Characteristic
Colour	Colourless to Light Yellow
pH	5.0 – 8.0
Preservatives	Butylene Glycol

Formulation

Recommended Use Level, %	5.0 – 90.0
Incorporation	Add into aqueous phase at any temperature
Stability	High or low temperatures do not affect its stability.

PROBIOTICS FM
COMPLEX PRODUCTS

L'OREAL

AGE PERFECT GOLDEN AGE ROSY OIL SERUM

Product Claims:

- Efficient like a serum, nourishing like an oil.
- Highly concentrated in actives, the oil-serum delivers instant radiance and revitalises the look of skin with a rosy glow.

Ingredients: Aqua/Water, Glycerin, Alcohol Denat, Hydroxyethylpiperazine Ethane Sulfonic Acid, Butylene Glycol, Dipropylene Glycol, Niacinamide, **Lactobacillus/Soybean Ferment Extract**, Paeonia Suffruticosa Callus Extract, Adenosine, Calcium Pca, Capryloyl Salicylic Acid, Citric Acid, Palmitoyl Tetrapeptide-7, Palmitoyl Tripeptide-1, Trisodium Ethylenediamine Disuccinate, Camellia Japonica Seed Oil, Rosa Canina Seed Oil, Caprylyl Glycol, Carbomer, Methyl Gluceth-20, PEG-8, Pentylene Glycol, Polysorbate 20, PPG-6-Decyltetradeceth-30, Propanediol, Sodium Lactate, Tocopherol, Xanthan Gum, Alpha-Isomethyl Ionone, Benzyl Alcohol, Benzyl Benzoate, Geraniol, Limonene, Linalool, Ci 14700/Red 4, Ci 19140/Yellow 5, Parfum/Fragrance



ORIFLAME

WAUNT REVIVE ME DAILY SLEEPING MASK

Product Claims:

- Sensorial sleeping mask that mildly exfoliates, smooths uneven skin and provides radiant skin overnight.

Ingredients: Aqua, Glycerin, Canola Oil, **Lactobacillus/Punica Granatum Fruit Ferment Extract**, Caprylic/Capric Triglyceride, Butyrospermum Parkii Butter, Ceteareth-20, Sphingomonas Ferment Extract, Sodium Levulinate, Populus Tremuloides Bark Extract, Quercus Petraea Fruit Extract, Pentylene Glycol, Lactococcus Ferment Extract, Lactobacillus/Brassica Nigra Seed Ferment Extract, PEG-240/Hdi Copolymer Bis-Decyltetradeceth-20 Ether, Carbomer, Caprylyl Glycol, Sodium Hydroxide, Tocopheryl Acetate, Trideceth-6, PPG-20 Methyl Glucose Ether, Amylopectin, Calcium Lactate, Xanthan Gum, Citric Acid, Phenoxyethanol, Levulinic Acid, Parfum, Disodium EDTA, Sodium Benzoate, Ci 42090, Ci 16035



KORRES

BILBERRY AHA EXFOLIATING MASK

Product Claims:

- Active fruit acid complex of blueberry, sugar, orange and lemon extracts – a natural source of AHAs stimulates cell renewal and restores skin radiance

Ingredients: Aqua/Water/Eau, Aloe Barbadensis Leaf Juice, Glycolic Acid, Glycerin, **Lactobacillus/Punica Granatum Fruit Ferment Extract**, Propylheptyl Caprylate, Cetearyl Olivatate, Cetearyl Alcohol, Sorbitan Olivatate, Glyceryl Stearate, Caprylic/Capric Triglyceride, Cetyl Alcohol, Dicaprylyl Ether, Lactic Acid, Prunus Amygdalus Dulcis (Sweet Almond) Oil, Sodium Hydroxide, Vaccinium Myrtillus Fruit/Leaf Extract, Behenyl Alcohol, Pentylene Glycol, Acer Saccharum (Sugar Maple) Extract, Ascorbyl Palmitate, Ascorbyl Tetraisopalmitate, Ci 77491/Iron Oxides, Ci 77891/Titanium Dioxide, Citral, Citrus Aurantium Dulcis (Orange) Fruit Extract, Citrus Limon (Lemon) Fruit Extract, Helianthus Annuus (Sunflower) Seed Oil, Hexyl Cinnamal, Lecithin, Leuconostoc/Radish Root Ferment Filtrate, Limonene, Linalool, Mica, Panthenol, Parfum/Fragrance, PEG-100 Stearate, Phenoxyethanol, Rosa Canina Fruit Oil, Rosmarinus Officinalis Extract, Saccharum Officinarum (Sugar Cane) Extract/Extrait De Canne À Sucre, Silica, Sodium Hyaluronate, Tetrasodium Glutamate Diacetate, Tocopherol, Tocopheryl Acetate, Xanthan Gum



ILLIYOON

CERAMIDE ATO LOTION

Product Claims:

- A hypoallergenic moisturizer containing lactobacillus/soybean ferment extract and ceramides that has a skin barrier strengthening, moisturizing, and soothing effects for sensitive and dry skin

Ingredients: Purified Water, Glycerin, Butylene Glycol, Shea Butter, Cyclopentasiloxane, Biosaccharide Gum-1, Hydrogenated Poly (C6-14 Olefin), Cyclohexasiloxane, **Lactobacillus/Soybean Ferment Extract**, Panax Ginseng Root Extract, Perilla Frutescens Sprout Extract, Magnolia Kobus Flower Extract, Hydroxypropyl Bispalmitamide MEA (Ceramide Pc-104 32.75Ppm), Mannitol, C12-20 Alkyl Glucoside, C14-22 Alcohols, Glyceryl Stearate, Glyceryl Caprylate, Dimethicone, Diisostearyl Malate, Lauric Acid, Myristic Acid, Behenyl Alcohol, Cetyl Ethylhexanoate, Stearic Acid, Silica, Arachidyl Glucoside, Arachidyl Alcohol, Acrylates/Ammonium Methacrylate Copolymer, Ethylhexylglycerin, Cholesterol, Palmitic Acid, Propanediol, Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer, Disodium EDTA





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