

Lactococcus Ferment Lysate

SPECIFICATION

Cat.No.	Pro-0006B
Product Name	<i>Lactococcus</i> Ferment Lysate
Product Details	<p><i>Lactococcus</i> ferment lysate is based on probiotic fermentation technology. It uses a variety of selected lactobacilli to prepare lysates through fermentation. It contains bacteria and various active ingredients produced by metabolism during the fermentation process, which can provide rich nutrition for skin metabolism.</p> <p><i>Lactococcus</i> ferment lysate has a positive effect on the growth rate and quality of the skin epidermis. It can promote the synthesis of essential proteins and enzymes that affect skin quality. At the same time, it establishes a barrier function, thereby improving skin health.</p>
Strain Source	<i>Lactobacillus plantarum</i> , <i>Lactobacillus paracasei</i> , <i>Lactobacillus acidophilus</i>
Production Process	Through processes such as <i>Lactococcus</i> fermentation culture, homogenization cell wall breaking, and sterilization, the cytoplasmic fragments, cell wall components, intracellular and extracellular metabolites, and polysaccharide complexes of <i>Lactococcus</i> are obtained.
Appearance	Light yellow liquid with a little suspension (not foreign matter)
Odor	Characteristic fermentation odor
Solubility (20°C)	Easily soluble in water
pH Value (25°C)	3.5-6.0
Recommended Addition Amount	1-10% for leave-on cosmetics, 1-20% for rinse-off cosmetics
Usage Suggestions	This product is a suspension. After standing for a long time, a little precipitation may occur. This is a normal phenomenon. Shake well before use. Use below 40°C, add to the water phase and participate in the emulsification process. It is recommended to add an appropriate thickener. To prevent the product from flocculating and precipitating, avoid adding it directly to the acidic system. This product will flocculate

Lactococcus Ferment Lysate

when mixed with high-concentration alcohols. The maximum allowable amount of alcohol in the formula is 50%. Mixing with acidic polyacrylic acid thickeners such as carbopol will cause a decrease in viscosity. After adjusting the pH to neutral, the viscosity can be restored or slightly increased. When used with carbopol thickeners, attention should be paid to viscosity changes.

Effects	<ul style="list-style-type: none">• Enhance skin barrier function, brighten skin tone and improve skin tone uniformity.• Regulate skin immune function, reduce allergies, reduce inflammation, and relieve irritation.• Promote the repair of damage caused by ultraviolet rays.• Promote skin metabolism, reduce the depth and number of wrinkles, and have anti-aging effects.
Application	Applied to whitening products, anti-allergic products, anti-aging products, moisturizing products, etc.
Storage	Store sealed in a dry and cool place at room temperature, away from light, moisture, frost and heat.
Shelf Life	1 year