



LACTORYZOL

**Plant-Based postbiotic active for
sensitive & distressed skin**



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LACTORYZOL

INCI name: Lactobacillus/Rice Ferment, Lactobacillus Ferment, Butylene Glycol (and) 1,2-Hexanediol, Hydroxyacetophenone

LACTORYZOL is a water soluble postbiotic plant based active ingredient for the treatment of sensitive and distressed skin. LACTORYZOL is a liquid fermented extract of Oryza Sativa by Lactobacillus casein ferment, breaking down molecules for improved skin penetration. It is mild and safe, moistures the skin, promotes smooth, delicate and elastic skin and prevents skin irritation. LACTORYZOL is Gluten free and will not cause allergic reactions.

Prevention of skin irritation from 10% Lactic Acid solution.
Volunteer group: 20 volunteers, age 22 – 54 years

Stinging reaction: 0 = no stinging, 1 = mild stinging, 2 = moderate stinging, 3 = severe stinging
Irritation caused by use of skin patch at nasolabial fold, randomly on left or right side
Volunteers applied a cream containing 5% Lactoryzol twice daily in the morning and evening.
Skin protection effect shown after 2, 4, 6 and 8 weeks.

Lactobacillic Power – The science shows that lactobacilli produce a wide variety of molecules with positive effect on the body and skin.

Traditional Chinese Medicine (TCM) – Since the Ming Dynasty, derivatives of rice have been known to promote “Internal Harmony” and have positive effects on the body. They have been used for hundreds of years to smooth the skin and “beautify the face.”

Bioactive Components

- Y-Oryzanol inhibits the formation, operation and diffusion of melanin, for Anti Blotching and lightening effect.
- Rice Bran sterol is an antioxidant and can promote skin metabolism, inhibit skin inflammation, and reduce the effects of erythema and skin-aging.
- Proanthocyanidins are polyphenol flavonoids with antioxidant effect found in plants such as rice.

Recommended dosage: 1 - 5 % - Recommended for use in body and facial care products.

Ideal for products moisturization, anti-ageing and sensitive skin in formulations including creams, essences, facial masks, gels, lotions and other products.

Packaging and storage: 20kg/barrel (can be customized) Airtight storage at room temperature, shelf life of 1 year