

Lactobacillus Ferment

Specification Sheet

Description: Natural anti-microbial agent with broad spectrum preservation that belongs to the lactic acid bacteria family. Lactobacillus is capable of restricting the growth of other microorganisms by acidifying its environment. It also produces novel antimicrobial peptides, known as bacteriocins, that are capable of providing broad spectrum antimicrobial protection.

CAS: 1686112-36-6, 68333-16-4

INCI Name: Lactobacillus Ferment

Composition: Lactobacillus Ferment

Appearance: Clear to hazy liquid. Colorless to yellow with characteristic mild odor.

Benefits:

- Broad Spectrum Preservation.
- Natural anti-microbial agent.
- Long term moisturization.
- Liquid for easy use.

Use: 2 - 4% in Emulsions and other water-based products.

Applications: Skin & Hair Care, lotions, serums, conditioners, toners, deodorants and sun and after sun care.

Solubility: Soluble in water & ethanol

Preservation: Preservative-free

Storage: Store at room temperature not exceeding 25°C, in a tightly closed container.

Country of Origin: USA

Raw material source: Biotechnology Lactobacillus

Manufacture: During the manufacturing process, lysozyme is added to the ferment filtrate to facilitate a controlled cell lysis to ensure the release of the antimicrobial peptides for maximized activity.



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Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 1302190200