



LACTOCOCCUS LACTIS

The Industrial Powerhouse for Dairy Fermentation & Innovative Wellness

PRODUCT OVERVIEW

Lactococcus lactis is the cornerstone microorganism of the global dairy industry and a remarkably versatile probiotic with emerging therapeutic potential. As the primary starter culture for countless fermented dairy products, this bacterium is unparalleled in its ability to create desirable textures and flavors. Beyond its traditional ration role, it is engineered for advanced biotherapeutic innovation and natural food preservation. Supply is high-purity and food-grade.

- ✓ **Unmatched Dairy Fermentation Proficiency**
Excellent converts lactose into lactic acid, driving rapid acidification and flavor development.

- ✓ **Generally Recognized as Safe (GRAS) Status**
With a long history of safe consumption, ideal for new biotherapeutics.

- ✓ **Nisin Production Potential**
Specific strains produce nisin, a natural bacteriocin used as a safe food preservative (E234).

- ✓ **Tiered Potency for Diverse Applications**
50B, 100B, and 200B CFU options provide precise control for formulations.



- ✓ **Gut-Immune Axis Interaction**
Emerging research indicates interaction with gut-associated lymphoid tissue (GALT).

- ✓ **Versatile Formulation Vehicle**
Engineered as a safe delivery platform for enzymes and vitamins.



Application Scenarios



Dairy Starter & Adjunct Cultures

Manufacturing cheese, yogurt, cultured butter, and more.



Biotherapeutic & Nutraceutical Delivery

Specific enzymes and vitamins in the human intestine.



Natural Biopreservation

Employed to extend the shelf life of various perishable foods.



Functional Food & Beverage Innovation

Enhancing digestive and immune health appeal in various products.

Sym | Post

Product Specifications

CFU STRENGTHS: 50 Billion, 100 Billion, and 200 Billion CFU

FORMATS: Bulk Frozen Pellets / Lyophilized Powder

OPTIONS: Customized Formats / Comprehensive Technical Support & Private Labeling Services

Website: www.refinehealthy.com Email: Info@refinehealthy.com

Address: Room 1-2-902, Binhe Road, Jimo District, Qingdao 266200, China