

Latilactobacillus curvatus powder

Product Information

Description	Latilactobacillus curvatus is a Gram-positive, curved-rod lactic acid bacterium and facultative anaerobe. It features excellent acid and bile-salt tolerance, enabling it to survive the harsh gastrointestinal environment and reach the intestine. This strain can produce bacteriocin-like antimicrobial metabolites that inhibit the proliferation of certain food-borne pathogenic and spoilage bacteria. It exhibits favorable mucosal-adhesion capacity, colonizing the surface of intestinal mucosa to competitively exclude harmful microbes and promote mucin secretion, so as to help maintain the integrity of the intestinal barrier. The strain participates in the regulation of bile acid metabolism, contributing to the modulation of lipid metabolism in the body. It also regulates the expression of intestinal inflammation-related factors and alleviates intestinal inflammatory responses. Manufactured via professional freeze-drying technology, **Latilactobacillus curvatus Powder** delivers high viable-bacteria stability. It can be applied to develop probiotic foods, dietary supplements and other functional products.
Appearance	White to light yellow-free-flowing powder
Form	powder
Activity	100 billion CFU/g or more
Stability	24 Months
Storage	Recommend storage at frozen temperature (-18 °C) or lower in original, sealed package away from light.
Function	Broad-spectrum inhibition against pathogenic bacteria and antioxidant activity