

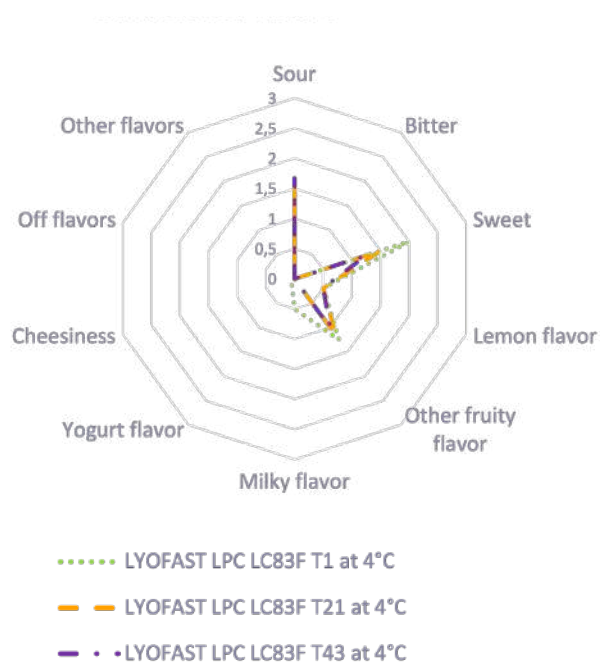
Lyofast LPC LC83F



Your health support

Probiotics have gained immense popularity in recent years. These beneficial microorganisms are essential for maintaining a healthy gut, which plays a crucial role in overall health and well-being. The food biotechnology industry has developed a huge number of commercial products known as “Yakult type” drink, containing a single probiotic strain or bacterial associations of various complexities.

Our probiotic is designed to support a healthy gut microbiome, which is vital for optimal digestion, immune function, and contains a unique probiotic strain, that have been carefully selected for its health-promoting properties, as well as its performance in fermentation and a delicious fruity aroma.





A way to promote health

The gastrointestinal microbiota (GI) may be harmful, or it may play important roles towards the human host by supporting nutrient uptake (metabolic function), protection against pathogens (protective function) and development of the intestinal epithelium and the immune system (trophic function) (Farthing, 2004; Guarner & Malagelada, 2003). The GI microbiota guarantees beneficial effects only in a state of eubiosis, i.e., when friendly and potentially pathogenic microbial populations are balanced.

Within this context, the potential for preventing dysbiosis and fortifying the GI tract through the modulation of the intestinal microbiota seems to be a concrete solution.

A clinical study had shown how Lyofast LPC LC83F is one of the most active colonizer of the intestinal lumen, as it was frequently detected in faeces during the supplementation.

The influence on the immune system was also evaluated, showing an increase of functional responses, and immunomodulating properties that were supported by the consumption of functional products like *Lactobacillus* beverage (Zanini et al., 2007).

Lyofast LPC LC83F: probiotic characterization			Special Feature
"LYOFAST LPC LC83F is a specifically selected strain of <i>Lactocaseibacillus paracasei</i> , a probiotic strain that ensure a very fast performance in fermentation speed and a very fruity aroma."			"All in one solution: - Probiotic properties - High performance in fermentation speed - Aroma - Count"
Safety	Antibiotic susceptibility	safe	
	Biogenic Amines	safe	
Probioticity	D- Lactate production	✓	
	Gastrointestinal Survival	✓	
	Adhesion HT-29 cells	✓	
	In vivo human studies	✓	

The launch of our new probiotic is an exciting development for anyone looking to support their gut health and overall well-being. We look forward to helping our customers achieve optimal health and well-being through our new probiotic.