

Biotics built for pets and the brands that nourish them



LB Fermentate HF: a next generation,
dual *Lactobacillus*-based postbiotic made
for pet wellness and designed for you

Break down the barriers of formulating traditional biotics to deliver proven
gut-health benefits across a range of formats without compromise.

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Discover a formula-friendly biotic that delivers

Pet food brands are under pressure to deliver real gut health benefits across a variety of pet food applications. However, traditional probiotics struggle with heat, pressure, and storage conditions, making their efficacy unreliable. Protective coatings help, but even then, live organisms aren't fully preserved, and effectiveness can vary depending on the animal's diet.

58% of consumers want digestive health benefits in pet food and treats.¹

That's why we developed LB Fermentate HF. This advanced dual postbiotic formula combines two proprietary *Lactobacillus* strains with two unique fermentation processes and specialized ECHO™ technology that enriches, concentrates, and stabilizes the strains and key metabolites. The result? A reliable biotic solution with proven health benefits, designed to survive processing in any food format while maintaining consistent potency and performance from production line to pet bowl.

What pet food manufacturers need:

- ✓ **Effective, science-backed ingredients with real benefits**
- ✓ **Solutions that help them craft shelf-stable and easy-to-store products**
- ✓ **Trusted, high-quality inclusions that pet parents recognize and trust**

How LB Fermentate HF helps pet food brands deliver:

- ✓ **Science-backed formulation flexibility**
Built on 100+ years of postbiotic research, it delivers proven benefits for digestion, gut health, immunity, and stress reduction across a wide range of product formats.
- ✓ **Process-proof performance**
The ingredient remains stable even after heat extrusion, baking, and high-pressure processing, resulting in a long shelf life without refrigeration.
- ✓ **Instant familiarity and credibility**
Powered by the well-known benefits of *Lactobacillus*, LB Fermentate HF postbiotic gives pet brands a gut health solution owners already know and trust.

Real science. Real benefits.

A study in **24 adult dogs** showed that one month of LB Fermentate HF intake may **help support resilience to stress** (thunderstorm simulation) while **maintaining gut microbiome stability**.²

¹ Mintel, 2021

² Anxiolytic effect of LB Fermentate HF in dogs subject to noise and travel challenge tests [unpublished manuscript]. Conducted at Cencog Technologies (Transformation), Toronto, Canada.

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