

Ingredient

Lactobacillus johnsonii (#1088) LJ88®

LJ88® (*Lactobacillus johnsonii* #1088): Following years of research and lactic acid bacterium evaluation, Strain 1088 was isolated from the human stomach as the most acid-resistant strain identified by scientists and medical practitioners. Subsequent clinical trials proved that the heat-killed form of LJ88® provided equivalent clinical benefits to the live form and also increased safety and stability. Offered in Powder Form.

Key Highlights

Functional Benefits

- **Dual-Region Efficacy:** Demonstrated benefits across both stomach and intestinal environments.
- **Gastrin Regulation:** Shown to suppress excessive gastrin production resulting in reduced gastric acid secretion.
- **Clinically Observed Symptom Reduction:** Demonstrated improvements in GERD-related discomfort.
- **H. pylori Inhibition:** Reduces colonization potential, supporting healthy gastric mucosa.
- **Microbiome Support:** Promotes beneficial Bifidobacteria growth in the intestinal tract.
- **Its native gastric origin provides exceptional survivability and compatibility with the human digestive tract, outperforming traditional probiotics not adaptive to acidic environments.**

Postbiotic Advantages for Formulation

- **Heat-Killed Stability** — maintains biological efficacy without viability risks.
- **Flexible Application** — Capsules, tablets, powders and functional foods.
- **Global Regulatory Acceptance** — launched in 10+ countries since 2016, no adverse events reported.

Formulation Opportunity

LJ88® delivers a stable, scientifically validated solution for digestive health formulations seeking differentiation through proven mechanisms, long shelf stability, and global regulatory precedents.

Patented

Patented in Japan, Korea and the United States.

Shelf Life

Room Temperature Stable — 5-year shelf life from Manufacture Date, no cold storage required.

Safety

Confirmed in Clinical Studies as Non-Pathogenic, No Antibiotic Resistance or Gene Transfer Risk, deemed Safe.

Ethically and Sustainably Produced.

Country of Origin

Japan



The GHT Companies Translating scientific discovery into business enterprise.



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