

OralBubble™

Probiotic Microbubble Lozenge

8 Key Oral Health Issues

●Short-term / ●Medium-term / ●Long-term



CFU Per Lozenge



Fresh Breath

OralBubble™

Probiotic Microbubble Lozenge

— Oral Health Probiotic Solution

○ Targeting **8** Key Oral Issues

- Halitosis
- Gingivitis
- Cavities
- Mouth Ulcers
- Dental Plaque
- Microbial Imbalance
- Oral Infections
- *Helicobacter Pylori*

○ **3** Clinically Proven Strains

Ligilactobacillus salivarius **LS-G60**

Lactocaseibacillus paracasei **LPc-G110**

Lactiplantibacillus plantarum **Lp-G18**

○ **5** Countries Patents

China: CN 108603165 B

United States: US 2019/0290705 A1、US 2019/0388485 A1、US 2021/0000890 A1

European Union: EP 3 405 205 B1、EP 3 405 563 B1

Japan: JP 6538286 B2 2019.7.3

Australia: AU2017208481B2

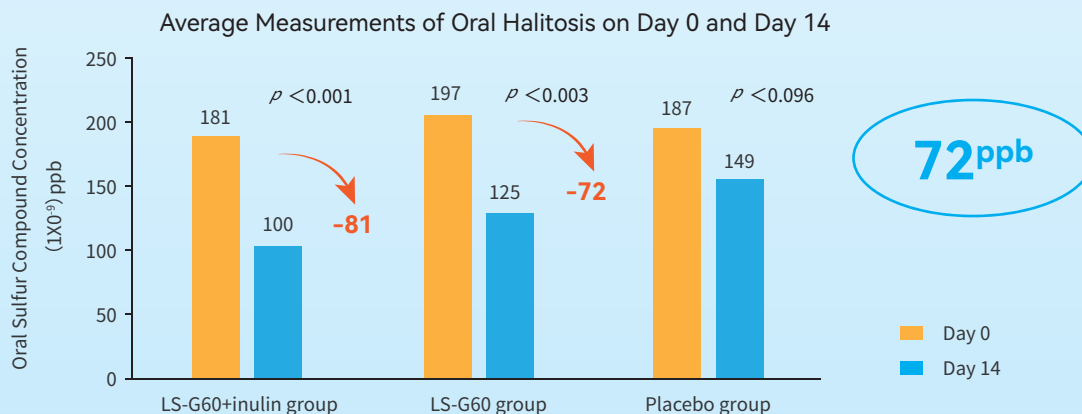
○ **10** Billion CFU Per Lozenge

Ligilactobacillus salivarius LS-G60 Improves Oral Halitosis^[1]

☆ *Ligilactobacillus salivarius* LS-G60 is sourced from healthy human saliva.

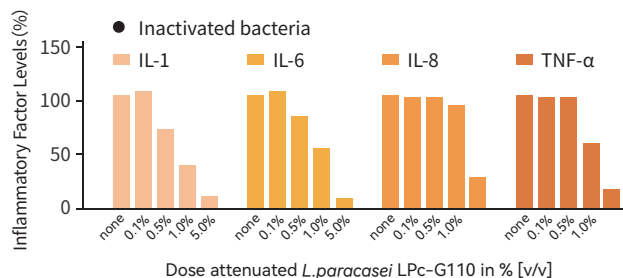
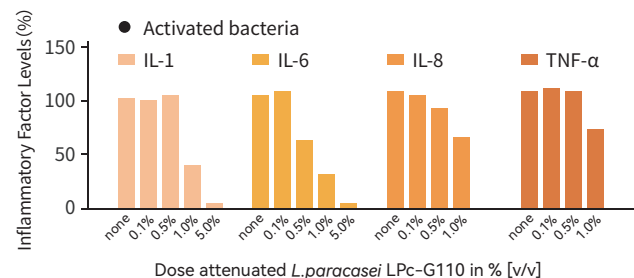
☆ *Ligilactobacillus salivarius* LS-G60 Inhibits the growth of *Prevotella* and *Porphyromonas gingivalis*

☆ *Ligilactobacillus salivarius* LS-G60 improves the oral microbiome and reduces volatile sulfur compounds (VSCs) in breath



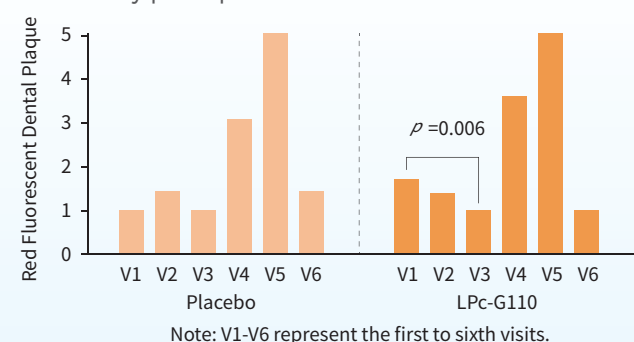
Lactobacillus paracasei LPC-G110 and its postbiotics inhibit oral cell inflammation^[2]

☆ Standout among 73 strains of inflammation-inhibiting probiotics



Lactobacillus paracasei LPC-G110 Reduces Plaque Formation^[3]

117 Healthy participants



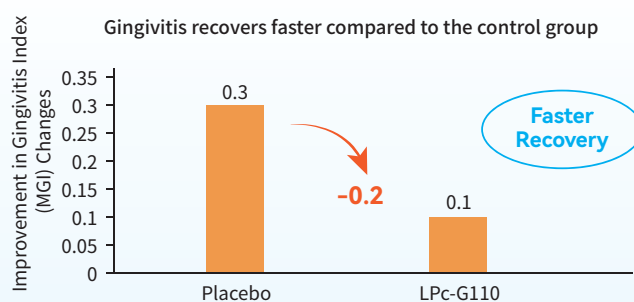
● Reduce Dental Plaque

After the recovery phase, red-fluorescent plaque returned to baseline levels with LPC-G110.

● Lower Plaque pH

Enhanced bacterial metabolism makes the plaque environment more acidic.

Lactobacillus paracasei LPC-G110 Improves Gingivitis^[3]



Note: MGI (Modified Gingival Index) is used to assess gum health. The lower the value, the healthier the gums.

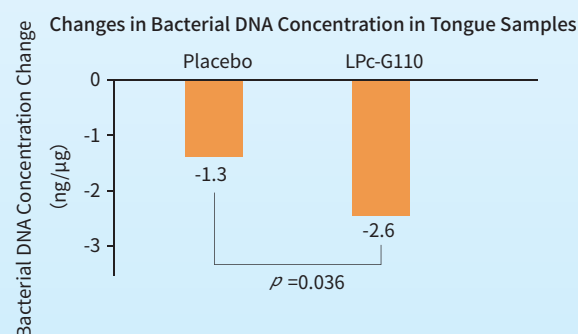
Lactobacillus paracasei LPC-G110 Reduces Oral Bacteria Concentration, Decreasing Harmful Bacteria^[3]

● High Concentrations Stored in Saliva

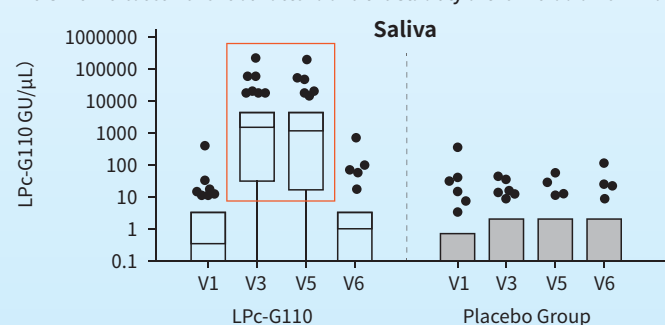
A higher concentration of LPC-G110 in saliva aids its distribution and functionality within the mouth.

● High Retention in the Oral Cavity

After the experiment, LPC-G110 remained in high quantities, demonstrating its good retention potential in the mouth.



LPC-G110 Increases Beneficial Bacteria and the Stability of the Microbiome in Mouth



Source:

[1]Mousquer CR, Della Bona A, Milani DC, Callegari-Jacques SM, Ishikawa K, Mayer MPA, Rösing CK, Fornari F. Are Lactobacillus salivarius G60 and inulin more efficacious to treat patients with oral halitosis and tongue coating than the probiotic alone and placebo? A randomized clinical trial. J Periodontol. 2020 Jun;91(6):775-783.

[2]Schmitter T, Fiebach BL, Fischer JT, Gajfulin M, Larsson N, Rose T, Goetz MR. Ex vivo anti-inflammatory effects of probiotics for periodontal health. J Oral Microbiol. 2018 Jul 25;10(1):1502027.

[3]Volgenant CMC, van der Waal SV, Brandt BW, Buijs MJ, van der Veen MH, Rosema NAM, Fiebach BL, Rose T, Schmitter T, Gajfulin M, Crielaard W, Zaura E. The Evaluation of the Effects of Two Probiotic Strains on the Oral Ecosystem: A Randomized Clinical Trial. Front Oral Health. 2022 Mar 30;3:825017.

○ One-Stop Solutions

Science-Driven, Empowering Oral Health

Based on your needs, we tailor an oral health microbiome management plan.

More Other Oral Strains

Lactobacillus reuteri LR-G100

○ Alleviate Oral Ulcers

Lactobacillus plantarum Lp-G18

○ Alleviate Bad Breath Caused By *Helicobacter Pylori*

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More Plant Extracts

Pine Cherry

Pomegranate Extract

Elderberry

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More Scientific Prebiotics

Inulin

Isomaltulose

.....

More Flavors

Lemon Mint

Peach Oolong

Strawberry

Orange

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