

Keystone Postbiotic™

Shelf-stable postbiotics open up a more extensive array of beverage applications compared to traditional biotics. Discover the ways in which Keystone Postbiotic™ can set your products apart from the competition.

What is a Postbiotic?

WHAT THEY ARE

- **Intentionally inactivated** microbes that provide health benefits to the consumer.
- Bioactive compounds that deliver **health-enhancing metabolites** for gut microbiome health.
- Inactive microbes can be used in **shelf-stable applications** with no change in efficacy.

WHAT THEY ARE NOT

- Live microorganisms, such as probiotics
- Indigestible fibers, also known as a prebiotics
- Viruses



Microbiome Benefits of Keystone Postbiotic™

The functional redundancy of Keystone Postbiotic's ingredients work together in the GI tract to support foundational gut microbiome health in three ways:

- 1 Supporting a healthy immune response*
- 2 Improving integrity of the intestinal barrier function*
- 3 Building healthy keystone gut bacteria*

*Human clinical studies to be completed in 2024



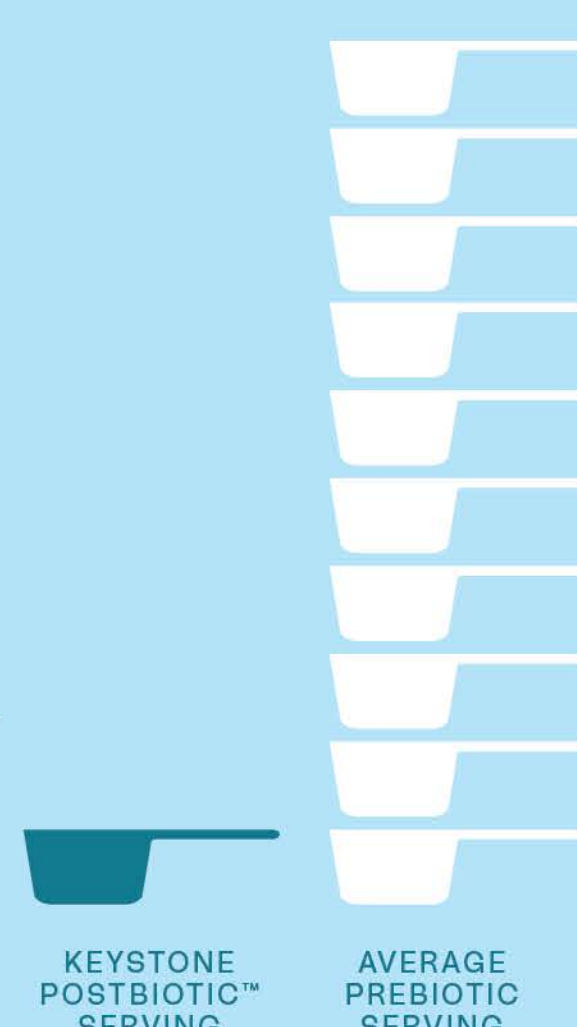
CONSUMERS ARE INTERESTED

After consumers learn what postbiotics do in the body, consumer interest increases. Nearly **8 in 10** consumers exhibit heightened interest in postbiotics after learning of their benefits.¹



LESS IS MORE

Our Keystone Postbiotic™ offers a formulation advantage by providing health benefits with a smaller serving. While typical prebiotic servings amount to 3,000mg daily, our Keystone Postbiotic™ stands out with a serving size of only **300mg** per day. Because it has a lower dosage than its prebiotic counterparts, it's easier to add into beverage formulations.²



Beverage Applications

Our Keystone Postbiotic™ is shelf-stable, meaning it can be added to a wider range of applications, including sodas, juice, shakes, milks, powders, and more. And, because of the low water content, Keystone Postbiotic™ can be effective alone or it can be stacked with other ingredients, including probiotics, for added benefits.



Key advantages of Keystone Postbiotic™

STABILITY

Keystone Postbiotic™ can be incorporated into heat-treated, shelf-stable, and liquid applications

TRUSTED STRAINS

Keystone Postbiotic™ is created from consumer-trusted probiotic strains, *Lactiplantibacillus plantarum* and *Lactiacaseibacillus rhamnosus*

METABOLITE DRIVEN

Keystone bacteria enhance the production of beneficial metabolites that have been shown to help balance digestive microflora



THE POWER OF FERMENTED OATS

Keystone Postbiotic™ is a combination of well-characterized probiotic strains that have been fermented with oats. The combination of grains and strains is designed to promote the growth of keystone bacteria to support a healthy gut microbiome.

LABEL: Fermented Oats

RECOMMENDED DOSE: 300mg/serving

Ready to unlock the potential of your products?

Keystone Postbiotic™ is the key. Scan to learn more.



Resources

1. Verb Biotics 2023 Consumer Gut Health Survey

2. "Prebiotics—International Scientific Association for Probiotics and Prebiotics (ISAPP)." International Scientific Association for Probiotics and Prebiotics ISAPP RSS2, 6 July 2022, isappscience.org/for-scientists/resources/prebiotics/.