Consumers Want
Probiotics in Their
Foods & Beverages
and They're Willing to
Pay More For Them!



According to the World Health Organization (WHO) probiotics are "live microorganisms which, when administered in adequate amounts, confer a health benefit on the host."

There are numerous factors that can disturb your intestinal balance and decrease the level of beneficial bacteria in your gut such as:

Poor diet<sup>1</sup>
 Age<sup>2</sup>
 Illness<sup>3</sup>
 Antibiotics<sup>6</sup>

> Changes in diet7 > Medications8

Taking a probiotic can help keep you balanced. And with an astounding 70% of your immune system in your digestive system, it makes sense that a healthy digestive system supports a healthy immune system.

## Ganeden BC30®

## A One of a Kind Probiotic

Ganeden**BC**<sup>30</sup> (Bacillus coagulans GBI-30, 6086°) is an EXTREMELY stable probiotic due to the cell's ability to form a natural protective spore. Just like seeds wait to grow when conditions are optimal, Ganeden**BC**<sup>30</sup> spores wait to germinate until they reach the intestines where the moisture level, temperature and nutrient levels are just right. This natural protective shell also gives GanedenBC<sup>30</sup> the ability to survive:

- > Harsh manufacturing processes
- > Product shelf life
- > The journey through the digestive system

Many probiotics, such as those used in yogurt, are vegetative (ex. *Lactobacillus* and *Bifidobacterium*) and just can't survive these stresses.





73% of global consumers consider food and drink products fortified with added nutrients appealing.

(GlobalData TrendSights Analysis: Added Functionality, Dec 2016)



70% of consumers in Europe find the claim 'good for digestion and gut health' appealing on food and drink products.

(GlobalData Global Consumer Survey Q4 2016)



85% of consumers globally prefer to consume healthenhancing ingredients through food.

(GlobalData Global Consumer Survey Q4 2017)



Europe is the

2nd largest food &
beverage probiotic market

(MarketsandMarkets Probiotic Market, Sept. 2017)

1,7 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4303825/

2 E.P. Nyangale, et al., Journal of Nutrition, May 6,2014 DOI: 10.3945/jn. 114.199802

3,6,8 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5725362/

4,5 https://doi.org/10.1016/j.ynstr.2016.03.001 9 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2515351/

## GanedenBC30 is:

- · Organic Compliant
- · Available in Non-GMO **Project Verified**
- · Kosher & Halal
- Supported by over 25 published papers
- Found in 900+ products worldwide
- · Available in vegan, gluten-free and allergen-free
- · U.S. FDA GRAS affirmed (Human & Infant)
- Applicable in dairy products, hot and cold beverages, cereals, baked goods, frozen products, powder blends, confections, healthy snacks, bars and many more...

| Probiotic               | FDA GRAS         | Published<br>Clinical Data | GRAS at<br>Efficacious Levels | Shelf Stable<br>in Foods |
|-------------------------|------------------|----------------------------|-------------------------------|--------------------------|
| Lactobacillus           | Strain Dependent | Strain Dependent           | Strain Dependent              | No                       |
| Bifidobacterium         | Strain Dependent | Strain Dependent           | Strain Dependent              | No                       |
| GanedenBC <sup>30</sup> | Yes              | Yes                        | Yes                           | Yes                      |

## **Benefits**

GanedenBC30's 25+ published studies confirm its safety, efficacy and digestive, immune and protein utilization benefits. In the EU, these probiotic foods and beverages are marketed as "contains cultures."

