



## BIO-tract® Technology to Protect and Optimize Release of Probiotics & Key Nutrients

Certain nutrients may benefit from delivery along the digestive tract and protection from harsh stomach conditions. Probi® has developed BIO-tract®, a patented\* extended-release technology, with these needs in mind. BIO-tract® protects probiotics and nutrients from gastric acid and enables the release of live microorganisms and other beneficial compounds over time.

### BIO-tract® Advantages\*\*

- Unique and patented delivery system
- Provides consistent release over time for both probiotics and other nutrients
- Ideal for ingredients that are denatured by stomach acids or cause stomach upset
- Formulation and format flexibility

### Nutrients Compatible for BIO-tract® Delivery

- Amino Acids
- B vitamins
- Melatonin
- Glucosamine/Chondroitin/MSM
- Beta-alanine
- ZMA
- Niacin
- Vitamin C
- Electrolytes



\* United States Patent 8,007,777

\*\*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

## BIO-tract® – The Technology

BIO-tract® is a unique and patented delivery system available for protection of sensitive probiotic strains and dietary ingredients from stomach acid which enables prolonged absorption for maximum nutrient benefits. This innovative technology is comprised of a matrix which forms an outer gel as the tablet/capsule travels through the gastrointestinal tract allowing for the diffusion of actives as the matrix hydrates and erodes. BIO-tract® improves the stability and protection of active ingredients and probiotics, so they can be delivered along the gastrointestinal tract.

### Short facts

- **Customized Formulations**
  - Probiotics: Single or multi-strain blends
  - Selected excipients and other ingredients including prebiotics
- **Finished Product – bulk or fully bottled**
  - Tablets – oblong, oval or round
  - Spheres – 4, 6, 8, and 10 mm
  - Capsules
- All BIO-tract® products are produced in Probi®'s NSF and NSF Certified for Sport® manufacturing facility
- BIO-tract® components are non-GMO, Kosher, Halal, and GRAS



*Local laws and regulations related to the sale of dietary ingredients may vary.*

*Please consult legal and/or regulatory resources in your local markets for guidance.*

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