

# Poly-Prebiotic powder

A unique powdered blend of researched polyphenols and prebiotic fibers to support gastrointestinal, cellular, and immune function by boosting bifidobacteria and microbiome diversity<sup>‡</sup>

Shelf-Stable

Allergen-Free

Poly-Prebiotic powder combines researched polyphenol extracts and prebiotics PreticX™ xylooligosaccharide (XOS) and BioEcolians® α-glucooligosaccharide (α-GOS) to promote microbiome diversity and health. This versatile, light-tasting cranberry-flavored powder also provides support for:<sup>‡</sup>

- ✓ Targeted growth of bifidobacteria and other specific microbiota<sup>‡</sup>
- ✓ Short-chain fatty acid (SCFA) and mucin production to promote gut barrier integrity<sup>‡</sup>
- ✓ Immune modulation<sup>‡</sup>

Especially good for patients who need support with **bowel motility, stool consistency, and abdominal comfort.**<sup>‡</sup>



## POLYPHENOLS: The next generation of prebiotics

Polyphenols from cranberry, blueberry, and pomegranate support the growth of lactobacilli and bifidobacterium in the colon, as well as cytokine balance in the GI tract. These polyphenols are generally not absorbed, but pass through the GI tract, where they are biotransformed to enhance bioavailability and support healthy gut microbial composition. In contrast to many common prebiotics, studies on PreticX™ XOS, α-GOS, and polyphenols have reported very low incidence of gas, bloating, or other intestinal side effects.<sup>1-3‡</sup>



## Poly-Prebiotic powder Supplement Facts

### One scoop contains:

Calories.....	10
Total Carbohydrate.....	3 g
Total Sugars.....	2 g
PreticX™ xylooligosaccharide (XOS).....	1.4 g
BioEcolians® α-glucooligosaccharide (α-GOS).....	1 g
Cranberry ( <i>Vaccinium macrocarpon</i> ) extract (fruit).....	1.2 g
(standardized to contain 12 mg proanthocyanidins [PACs])	
Blueberry ( <i>Vaccinium angustifolium</i> ) extract (fruit).....	100 mg
(standardized to contain 4% polyphenols)	
Pomegranate ( <i>Punica granatum</i> ) juice powder (fruit).....	500 mg

### Other ingredients:

Citric acid, malic acid, stevia leaf extract.

Xylooligosaccharide. PreticX™ is covered by registered and pending patents. PreticX™ is a trademark of AIDP, Inc. PreticX™ is distributed exclusively by AIDP, Inc.

BioEcolians® is a registered trademark of Solabia.

### Recommendations:

Take 1 serving, 1-2 times daily, mixed with a beverage or into food.

**Serving size: 1 scoop (approximately 4.6 grams)**

**Servings per container: Approximately 30**

**FREE FROM** common allergens, GMOs<sup>†</sup>, artificial ingredients, preservatives, and other unnecessary excipients



Poly-Prebiotic powder	Quantity	Order Code
	138 g	PPRP1

<sup>†</sup>Visit PureEncapsulations.com for more information on our GMO policy.

<sup>‡</sup>These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.

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## The Evidence

### PreticX™ XOS

In a randomized, double-blind, placebo-controlled study, 31 healthy adult subjects were given 1.4 grams or 2.8 grams of PreticX™ XOS for eight weeks. The bifidobacterium count increased 21% and 17% from baseline at Week 4 and Week 8, respectively.<sup>1‡</sup>

In an *in vitro* study using clinical isolates from hospital patients, XOS was found to stimulate growth in all 35 bifidobacterium strains tested. Other studies show XOS supports bowel motility, nutrient metabolism, and emotional wellness.<sup>4-9‡</sup>

### BioEcolians® α-GOS

In a randomized, double-blind, placebo-controlled trial involving 25 subjects, supplementation with 2 grams of BioEcolians® α-GOS was found to support abdominal comfort by Day 7. Supplementation offered increasing support throughout the 28-day period, including support for bowel motility and stool consistency. A significant increase in *Bifidobacterium longum*, *Bifidobacterium animalis*, and lactobacilli was also reported. In addition, BioEcolians® increased secretion in the mucosa of the antimicrobial peptide β-defensins.<sup>2‡</sup>

### Polyphenols

In an animal study involving mice on a high-fat, high-sucrose diet, supplementation with cranberry polyphenols promoted healthy fat metabolism in the liver, insulin function, and cytokine balance, while supporting healthy weight management.<sup>†</sup> It was also shown to markedly increase *Akkermansia muciniphila*. Animal models indicate a role for *Akkermansia muciniphila* on gut barrier function, including increased mucus layer thickness and production of occludin, an essential component of tight junctions.<sup>10-13‡</sup>

## Part of the NEW PureGI™ Exclusive Protocol

Supports the new PureGI™ Exclusive Protocol—backed by the latest in prebiotic, probiotic, and postbiotic microbiome science to support your patients' upper and lower GI function, from digestion to elimination.<sup>‡</sup>



Provide your patients with support for cellular, immune, and GI function with Poly-Prebiotic powder<sup>‡</sup> – from the #1 most trusted practitioner brand.\*

Visit [PureEncapsulations.com/poly-prebiotic](https://PureEncapsulations.com/poly-prebiotic)

#### References:

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\*Nutrition Business Journal® 2016.

<sup>†</sup>Provides weight management support as part of a healthy lifestyle with a reduced-calorie diet and regular exercise.

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