

SynerGI



Botanically Enhanced Probiotics with Prebiotic POS (Pectic Oligosaccharides)



DOCTOR FORMULATED ■ RESEARCH DRIVEN ■ CLINICAL SYNERGY STANDARD

Targeted Benefits*

- Supports healthy intestinal microflora*
- Maintains healthy digestive function*
- Fortifies immune function*
- Promotes nutrient absorption*
- Relief from occasional diarrhea and constipation*

Next-Generation Synbiotic

SynerGI is a liquid synbiotic that delivers clinically relevant benefits for microbiome health, GI tract integrity, nutrient absorption, and optimal immune function. With a fermented blend of eight live lactic acid bacteria strains, pectic oligosaccharides (POS), 19 organic botanicals, and post-biotic co-factors, this concentrated formula is designed to bring synergism to the microbiota-immune axis, with broad-spectrum benefits for digestive function and vitality.*

Advanced GI Fortification

Leaky gut can lead to chronic systemic inflammation, increasing the risk for conditions such as autoimmune disease, obesity, type 2 diabetes, liver inflammation, colorectal cancer, chronic kidney disease, compromised lung immunity, neurological disorders and other conditions. SynerGI is an advanced synbiotic solution that aids in maintaining a healthy microbiome while promoting homeostasis of mucosal immunity and gut lining integrity.*

Bioavailable, Broad-Spectrum Support

Fermented in a liquid herbal-prebiotic delivery system, the live beneficial bacteria in SynerGI are robust and viable, able to traverse the upper GI environment and reach the large intestines. Pectic oligosaccharides from low molecular weight citrus pectin potentiate healthy bacterial populations, while post-biotic short-chain fatty acids (SCFAs) support GI lining integrity. Organic digestive herbs favorably modulate microbiota diversity, while delivering comprehensive support for digestive health, nutrient absorption, motility, and immunity.*

Suggested Use: Can be taken several times daily in doses of 20-30 ml. Best taken alone or diluted in other liquids. Refrigerate after opening. Shake well before use. Storage after opening: 2 months refrigerated.

Supplement Facts

Serving Size: 20 ml (0.7 fl oz)
Servings Per Container: 25

Amount Per Serving	% Daily Value†
Total Carbohydrates	less than 1 g

A synbiotic proprietary blend of live bacteria cultures (*Bifidobacterium lactis*, *B. longum*, *Lactobacillus acidophilus*, *L. casei*, *L. rhamnosus*, *L. salivarius*, *Lactococcus lactis*, *Streptococcus thermophilus*) and prebiotic pectic oligosaccharide (POS) from citrus peels. †

** Percent Daily Values based on a 2,000 calorie diet.
† Daily Value not established.

Other Ingredients: Water, organic molasses, organic sweetener (erythritol), organic blackcurrant, aronia, and blueberry juice concentrate, organic botanical digestive blend (licorice root, anise, basil, fenugreek, dill, juniper, fennel, elder, ginger, angelica, chervil, oregano, peppermint, parsley, chamomile, rosemary, sage, nettle, and thyme).

Live Probiotic Strains

- *Bifidobacterium lactis* supports nutrient absorption and defends healthy bacterial populations. *B. lactis* converts carbohydrates into lactic acid, vitamin B, and other key nutrients, and encourages an optimal low pH environment for healthy microbiome populations to thrive. It also protects healthy intestinal function.¹
- *Bifidobacterium longum* promotes a healthy gut environment and supports GI lining integrity; converts carbohydrates into lactic acid and prebiotic oligosaccharides into energy. *B. longum* also supports against pathogenic gut microbes.²
- *Lactobacillus acidophilus* produces vitamin K and other nutrients that support a healthy microbiome. *L. acidophilus* also promotes metabolic balance, immune function, and other areas.³
- *Lactobacillus casei* supports GI lining integrity, and maintains healthy colon cell behavior, supports metabolic balance, and other areas.^{4,5}

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Live Probiotic Strains (cont.)

- *Lactobacillus rhamnosus* supports digestive health, immune responsiveness, and other areas.⁶
- *Lactobacillus salivarius* promotes digestive health, oral hygiene, immunity, and other areas.⁷⁻⁹
- *Lactococcus lactis* converts a variety of carbohydrates to lactic acid for a healthy GI environment and supports the immune system via gut mucosa interaction. It also produces nisin, which supports against pathogens.¹⁰
- *Streptococcus thermophilus* produces significant amounts of lactic acid and bacterial metabolites that promote a healthy microbiome. It also supports immunity, cardiovascular function, and other areas.¹¹

Organic Fermented Herbal Blend

The benefits provided by the live lactic acid bacteria in SynerGI are enhanced with 19 organic botanicals, fermented using organic molasses (metabolized during fermentation), organic berry juices, and postbiotic short-chain fatty acids (SCFAs).

These 19 traditional digestive herbs provide multi-targeted support, and include the following:*

Fennel: Supports digestive function, promotes healthy microbiome, supports antioxidant status, promotes metabolic and cellular health.^{12, 13}

Ginger: Promotes healthy microbiome, supports intestinal integrity and motility, provides support for occasional digestive discomfort and nausea, supports cellular health.¹⁴⁻¹⁷

Chamomile: Antioxidant, supports healthy digestive function, helps alleviate occasional diarrhea, hepatoprotective, supports healthy mood, supports cellular health.¹⁸

Oregano: Active support for maintaining a healthy microbiome, provides support for occasional digestive discomfort and nausea, supports intestinal integrity, promotes healthy immune function.^{19,20}

PectaSol Pectic Oligosaccharide (POS) Prebiotic

PectaSol low molecular weight citrus pectin POS has many beneficial properties. Its low molecular mass and de-esterification enhance its anti-adhesive activity.²¹ It supports Lactobacilli growth during fermentation and supports against the cytotoxicity of *Escherichia coli* toxins. PectaSol POS performs as well as inulin. Also, co-administration of *L. acidophilus* ATCC 4356 with PectaSol POS helps to maintain and improve the integrity and population of intestinal microbiota.²² PectaSol POS also has properties to maintain healthy microflora.²³ The combination of PectaSol-C POS and cefotaxime on methicillin-resistant *Staphylococcus aureus* (MRSA) clinical strains shows additive and synergistic effects.*

SynerGI is non-GMO and contains no artificial preservatives, sugar, gluten, dairy, or lactose.

References: 1. Lindfors, K, et al. Clin Exp Immunol. 2008 Jun;152(3):552-8. 2. Lee DK, et al. Clin Res Hepatol Gastroenterol. 2015 Apr;39(2):237-44. 3. Guo S, et al. J Pediatr Gastroenterol Nutr. 2017 Mar;64(3):404-412. 4. Slattery C, Cotter PD, O'Toole PW. Nutrients. 2019 Jun 1;11(6). 5. Hill D, et al. Front Microbiol. 2018;9:2107. 6. Capurso L. J Clin Gastroenterol. 2019 Mar;53 Suppl 1:S1-S41. 7. Nishihara T, et al. BMC Oral Health. 2014 Sep 2;14:110. 8. Wu CC, et al. Mol Oral Microbiol. 2015 Feb;30(1):16-26. 9. Tsay, T, et al. J Transl Med. 2018;16, 225. 10. Caggianiello, G., Kleerebezem, M. & Spano, G. Appl Microbiol Biotechnol. 2016;100, 3877-3886. 11. Ito M, et al. Benef Microbes. 2017; 8(2):171-178. 12. Rehman R, et al. (2019). Medicinal Plants of South Asia, Chapter 19 - Fennel. 10.1016/B978-0-08-102659-5.00019-7. 13. Rather M, et al. Arabian Journal of Chemistry. 2016;14. 10.1016. 14. de Lima RMT, et al. Phytother Res. 2018 Oct;32(10):1885-1907. 15. Haniadka R, et al. Food Funct. 2013 Jun;4(6):845-55. 16. Teng Y, et al. Cell Host Microbe. 2018 Nov 14;24(5):637-652.e8. 17. Cakir U, et al. J Ethnopharmacol. 2018 Oct 28;225:297-308. 18. Miraj S, Alesaeidi S. Electron Physician. 2016;8(9):3024-3031. 19. Force M, Sparks WS, Ronzio RA. Phytother Res. 2000 May;14(3):213-4. 20. Zou Y, et al. Biomed Res Int. 2016;2016:54. 21. Di R, et al. Food Chem. 2017;227:245-254. 22. Odun-Ayo F, Mellem J, Reddy L. Food Sci Tech. 2017;37(3):478-482. 23. Dahdouh E, et al. Med Chem. 2017;13(7):682-688.

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