



Gastrointestinal

A comprehensive guide to digestive health support[†]



It's what's inside that counts

[†]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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encapsulations®

ZERO COMPROMISES. PURE RESULTS.

At Pure Encapsulations®, we know it's what's inside that counts. That's why for more than 30 years we've been researching, innovating, and developing our comprehensive line of professional nutritional supplements, to bring you uniquely formulated products made with high-quality, pure ingredients, backed by verifiable science to complement your plan of care.

Pure Encapsulations professional
nutritional supplements are
FREE FROM:

Unnecessary Additives



Magnesium Stearate



Titanium Dioxide



Coatings and Shellacs



GMOs*



Artificial Colors, Flavors, and Sweeteners



Unnecessary Binders, Fillers, and Preservatives



Trans Fats and Hydrogenated Oils

Many Common Allergens



Gluten



Dairy*



Tree Nuts and Peanuts



Eggs



Soy*



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Gastrointestinal

The gastrointestinal (G.I.) tract is composed of numerous organs designed to transform food into nutrients that are absorbed into the bloodstream and delivered to the cells in the body, as well as eliminate any non-nutritive substances. Nutrients can promote G.I. motility (the process of moving food through the G.I. tract), support microbial balance, support gastric juice and/or pancreatic enzymes to enhance digestion.[†]

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A.C. Formula II

PureGI™ product line

SUPPORTS INTESTINAL MICROBIAL BALANCE[‡]

This combination of herbal extracts, caprylic acid and calcium undecylenate promotes a healthy environment for microflora in the colon and intestinal tract. Undecylenic acid and caprylic acid are fatty acids that promote a favorable environment for beneficial microflora. Calcium and magnesium act as buffers and may also help slow the dispersion and release of undecylenic acid and caprylic acid to support activity throughout the gastrointestinal tract. Grapefruit seed extract and berberine sulfate support microbial balance. Research suggests that they promote a healthy G.I. environment when exposed to a wide range of bacterial biotypes.[‡]

2 capsules, 1-3 times daily, just before meals, with 6-8 oz water.

Two (size 00) vegetarian capsules contain:

Calcium (as calcium undecylenate and calcium caprylate)	44 mg
Magnesium (as magnesium caprylate)	17 mg
Caprylic acid (as calcium and magnesium caprylate)	400 mg
Bromelain (from pineapple stem) (2400 GDU/g)	250 mg
Undecylenic acid	125 mg
Grapefruit (<i>Citrus x paradisi</i>) extract (seed and fruit)	100 mg
Berberine sulfate	50 mg
Other ingredients: vegetarian capsule (cellulose, water), hypoallergenic plant fiber (cellulose)	

Not to be taken by pregnant or lactating women.



A.C. Formula II	Quantity	Order Code
	120	AC21



Betaine HCl Pepsin

PureGI™ product line

PROMOTES HEALTHY DIGESTIVE FUNCTION[‡]

Betaine HCl and pepsin are gastric-juice components essential to the digestion of food and absorption of most nutrients. In particular, betaine HCl is necessary for adequate absorption of protein, calcium, vitamin B₁₂ and iron. The low pH of the stomach's hydrochloric acid destroys ingested bacteria and microorganisms. This formula can be beneficial for anyone seeking enhanced digestive function.[‡]

1 capsule, 3 times daily, with each meal.

Each (size 00) vegetarian capsule contains:

Betaine HCl	520 mg
Pepsin (1:10,000 USP units) (porcine)	21 mg
Other ingredients: vegetarian capsule (cellulose, water), hypoallergenic plant fiber (cellulose), ascorbyl palmitate	

Discontinue immediately if a burning sensation occurs. Not recommended for people with ulcers or a history of ulcers.



Betaine HCl Pepsin	Quantity	Order Code
	250	BP2

Caprylic Acid

SUPPORTS HEALTHY MICROBIAL BALANCE[‡]

Caprylic acid, also known as octanoic acid, is a naturally occurring fatty acid that promotes a favorable environment for beneficial microflora. Due to its fat solubility, it is believed to penetrate intestinal mucosal cells to exert its effects.[‡]

2 capsules, 30 minutes before each meal, or as directed by a health professional.

Two (size 00) vegetarian capsules contain:

Calcium (as calcium caprylate)	60 mg
Magnesium (as magnesium caprylate)	36 mg
Caprylic acid (as calcium and magnesium caprylate)	800 mg
Other ingredients: vegetarian capsule (cellulose, water)	

Not to be taken by pregnant or lactating women.



Caprylic Acid	Quantity	Order Code
	240	CAP2
	120	CAP1

DGL Plus®

NUTRITIONAL SUPPORT FOR A HEALTHY STOMACH LINING†

This combination of deglycyrrhized licorice (DGL) and herbal extracts provides nutritional support to the gastrointestinal tract. DGL Plus® supports the body's natural defense mechanisms by stimulating the mass, quality and production of mucous, a major component of the stomach's protective lining. DGL is free of side effects typically associated with licorice.‡

1 capsule daily, before a meal, or as directed by a health professional.

Each (size 00) vegetarian capsule contains

Deglycyrrhized licorice (<i>Glycyrrhiza glabra</i>) extract (root)	300 mg
Aloe vera (<i>Aloe barbadensis</i>) extract (inner fillet) (standardized to contain 10% polysaccharides)	50 mg
Slippery elm (<i>Ulmus fulva</i>) powder (bark)	100 mg
Marshmallow (<i>Althaea officinalis</i>) extract (root)	200 mg
Other ingredients: vegetarian capsule (cellulose, water), ascorbyl palmitate	

Not to be taken by pregnant or lactating women.



DGL Plus®	Quantity	Order Code
	180	DG1
	60	DG6



Digestion GB

PureGI™ product line

A UNIQUE MIX OF ENZYMES, BILE SALTS, TAURINE AND HERBALS TO PROMOTE HEALTHY GALLBLADDER FUNCTION AND LIPID UTILIZATION IN ADDITION TO GENERAL DIGESTIVE FUNCTION†

Digestion GB contains gallbladder digestive enzymes, bile salts, taurine and herbal extracts to promote healthy gall bladder function and fat utilization. The metabolism of fats involves emulsification and digestion in a complex process that requires healthy liver, gallbladder and pancreas function. Milk thistle, curcumin and taurine promote liver and gallbladder health and stimulate production and secretion of bile acids. Bile acids, also provided in the form of ox bile salts, support the emulsification of fats necessary for digestion. The digestive enzymes included in this formula are active in a broad pH range to support fat, carbohydrate and protein digestion to complement pancreatic enzyme activity. This formula has enhanced lipase for extra fat digestion support.‡

2 capsules, with each meal, or as directed by a health professional.

Two (size 0) vegetarian capsules contain:

Proprietary enzyme blend	160 mg
Providing:	
Protease	16,000 HUT
Lipase	6,000 FIP
Amylase	600 DU
Ox bile powder (bovine)	225 mg
Taurine (free-form)	250 mg
Milk thistle (<i>Silybum marianum</i>) extract (seed) (standardized to contain 80% silymarin)	150 mg
Turmeric (<i>Curcuma longa</i>) extract (root) (standardized to contain 95% curcuminoids)	100 mg
Other ingredients: vegetarian capsule (cellulose, water), hypoallergenic plant fiber (cellulose), ascorbyl palmitate	



Digestion GB	Quantity	Order Code
	180	DGB1
	90	DGB9

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Digestive Enzymes Ultra

PureGI™ product line

COMPREHENSIVE BLEND OF VEGETARIAN DIGESTIVE ENZYMES; SUPPORT FOR PROTEIN, CARBOHYDRATE, FAT FIBER AND DAIRY DIGESTION†

Digestive Enzymes Ultra contains an extensive profile of vegetarian digestive enzymes. Proteases included in this formula provide optimal activity across a wide pH range. They facilitate the normal breakdown of proteins and di- and tri-peptides. Lipase promotes lipid breakdown, while amylase and glucoamylase are included to stimulate polysaccharide breakdown of starch and glycogen. Invertase and lactase support digestion of carbohydrate disaccharides, including the dairy sugar lactose. This formula also offers numerous enzymes to support fiber breakdown, including cellulase, hemicellulase, beta-glucanase and phytase. These enzymes act to break down cell wall components and phytic acid, promoting nutrient bioavailability of fiber-containing foods. Additionally, alpha-galactosidase promotes the breakdown of certain complex carbohydrates, such as raffinose and stachyose, found in some vegetables, grains and legumes—helping to relieve occasional bloating or gas.†

2 capsules with each meal, or as directed by a health professional.

Two (size 3) vegetarian capsules contain:

Proprietary enzyme blend	391 mg
Providing:	
Amylase	24,000 DU
Protease	60,000 HUT
Protease 6.0	20,000 HUT
Glucoamylase	30 AGU
Lactase	1,600 ALU
Lipase	3,000 FIP
Beta-glucanase	20 BGU
Invertase	900 SU
Cellulase	800 CU
Alpha-galactosidase	120 GalU
Protease 3.0	20 SAPU
Phytase	10 FTU
Hemicellulase	200 HCU

Other ingredients: vegetarian capsule (cellulose, water), ascorbyl palmitate, hypoallergenic plant fiber (cellulose)



Digestive Enzymes Ultra	Quantity	Order Code
	180	DEU1
	90	DEU9

Digestive Enzymes Ultra with Betaine HCl

HIGH-STRENGTH MIXTURE OF BETAINE HCL WITH VEGETARIAN ENZYMES TO SUPPORT ENHANCED PROTEIN, CARBOHYDRATE, FAT, FIBER AND DAIRY DIGESTION†

- Offers a broad-spectrum combination of vegetarian digestive enzymes designed to provide optimal activity across a wide pH range†
- Supports optimal gastric pH with betaine HCl, important for the enhanced digestion of protein and other nutrients to support daily wellness and neurotransmitter synthesis†
- Facilitates the normal breakdown of proteins, peptides, fats, polysaccharides and disaccharides†

2 capsules with each meal, or as directed by a health professional.

Two (size 0) vegetarian capsules contain:

Proprietary enzyme blend	391 mg
Providing:	
Amylase	24,000 DU
Protease	60,000 HUT
Protease 6.0	20,000 HUT
Glucoamylase	30 AGU
Lactase	1,600 ALU
Lipase	3,000 FIP
Beta-glucanase	20 BGU
Invertase	900 SU
Cellulase	800 CU
Alpha-galactosidase	120 GalU
Protease 3.0	20 SAPU
Phytase	10 FTU
Hemicellulase	200 HCU

Betaine HCl 500 mg

Other ingredients: vegetarian capsule (cellulose, water), hypoallergenic plant fiber (cellulose)

Discontinue immediately if a burning sensation occurs. Not recommended for people with ulcers or a history of ulcers.



Digestive Enzymes Ultra with Betaine HCl	Quantity	Order Code
	180	DEUB1
	90	DEUB9

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EpIntegrity powder Shelf-Stable

PureResponse™ product line

Formulated with Samuel F. Yanuck, D.C., FACFN, FIAMA+

PROMOTES HEALTHY MODULATION OF MUCOSAL IMMUNE RESPONSES TO SUPPORT GI INTEGRITY IN A GREAT-TASTING POWDER+

EpIntegrity powder combines glutamine, prebiotic fiber and herbal extracts to promote healthy modulation of mucosal immune response to support gastrointestinal (G.I.) integrity and function. Th2 modulation may be indicated when addressing immune balance in the G.I. tract. L-glutamine is an essential fuel for enterocytes (the cells that line the small intestine and colon), supporting cellular renewal, glutathione production and healthy, everyday tissue repair, while promoting healthy villous function. Arabinogalactan is a prebiotic fiber found in high concentrations in North American larch trees. It has been shown to increase the concentration of beneficial bacteria, such as Bacteroidetes and *Faecalibacterium prausnitzii*. Beneficial microflora are crucial for proper gut-associated lymphoid tissue (GALT) function and development. Research suggests higher levels of *F. prausnitzii* are associated with healthy cytokine balance and G.I. function. In clinical trials, arabinogalactan has been shown to promote immune cell function. In a randomized three-week trial involving healthy adults, arabinogalactan potentiated the innate immune system, supporting key first-line defenses. Perilla supports cytokine homeostasis of the G.I. mucosal tissue. In a randomized, controlled trial involving 50 individuals, 150 mg of Benegut® *Perilla frutescens* extract twice daily offered statistically significant support for G.I. comfort. Research suggests that perilla also helps maintain cytokine balance and stabilize mast cells. Astragalus promotes cytokine balance and supports macrophage, natural killer (NK) cell and T-cell activity. Adaptogens like astragalus support physiological and cellular homeostasis and have positive effects on immune function and antioxidant defenses. Deglycyrrhizinated licorice (DGL) maintains intestinal comfort by supporting the protective mucosal lining.†

1 scoop, 1-2 times daily. Add 1 serving to 8 oz of water or juice. Shake or stir until dissolved.

Serving size: 1 scoop (approximately 5.7 g)

Servings per container: approximately 30

One scoop (approximately 5.7 g) contains:

Calories	15
Total Carbohydrate	2.5 g
Sodium (naturally occurring)	25 mg
Arabinogalactan	2.4 g
L-Glutamine (free form)	2.4 g
Benegut® Perilla (<i>Perilla frutescens</i>) extract (leaf)	150 mg

Astragalus (<i>Astragalus membranaceus</i>) extract (root)	200 mg
Deglycyrrhizinated licorice (<i>Glycyrrhiza glabra</i>) extract (root)	50 mg
Other ingredients: citric acid, natural strawberry and lemonade flavors, malic acid, purified stevia leaf extract	

Benegut® is a trademark of Vital Solutions GmbH, Germany.



EpIntegrity powder	Quantity	Order Code
	6 oz (171 g)	EIP1

G.I. Fortify+ (capsules)

PureGI™ product line

DESIGNED TO SUPPORT A HEALTHY G.I. ENVIRONMENT, BOWEL REGULARITY, COLON CELL FUNCTION AND DETOXIFICATION+

- Maintains bowel regularity and supports healthy bowel movement frequency with psyllium and flax†
- Supports short chain fatty acid (SCFA) production to promote a healthy G.I. environment, microflora balance and colon cell health†
- Promotes healthy intestinal cellular integrity and enhances the protective mucosal lining with L-glutamine, an important energy source for the G.I. tract in times of stress or increased metabolic demand†
- Enhances healthy G.I. detoxification with fiber and chlorella†

3 capsules daily, between meals with 8-12 oz water, or as directed by a health professional. Daily water intake should be increased when consuming this product.

Three (size 00) vegetarian capsules contain:

Calories	5
Total carbohydrate	1 g
Dietary fiber	1 g
Psyllium powder (husk)	1,100 mg
Flax (<i>Linum usitatissimum</i>) powder (seed)	400 mg
L-Glutamine (free-form)	500 mg
Aloe vera (<i>Aloe barbadensis</i>) extract (inner fillet) (standardized to contain 10% polysaccharides)	100 mg
Chlorella (<i>Chlorella</i> spp.) powder (cracked cell wall)	100 mg
Other ingredients: vegetarian capsule (cellulose, water)	



G.I. Fortify+ (capsules)	Quantity	Order Code
	120	GIFC1

G.I. Fortify[†]

PureGI™ product line

SUPPORTS INTESTINAL BARRIER FUNCTION AND DIGESTIVE HEALTH.[‡]

This product is a blend of high-impact fiber, herbs and nutrients, supporting overall gastrointestinal function and occasional constipation. Psyllium is a valued source of soluble fiber, helping to promote larger and softer stools for healthy bowel movement frequency. It is fermented in the intestines, producing short chain fatty acids (SCFAs) that provide an energy source for the colon to maintain healthy colon cell function and promote beneficial microflora. Flaxseed provides a source of lignans, fatty acids, and both soluble and insoluble fibers, enhancing the gut health potential of this complex. In times of stress or increased metabolic demand, glutamine is an especially important source of energy for the G.I. tract. It also maintains the integrity of the intestinal barrier. G.I. Fortify[†] provides a combination of deglycyrrhizinated licorice (DGL), aloe, slippery elm and marshmallow root to support gut integrity and provide a soothing effect. Triphala is a standardized blend of three fruit extracts, *Terminalia chebula*, *Terminalia bellerica* and *Embllica officinalis*. It is an Ayurvedic blend prized for supporting intestinal detoxification, occasional constipation, and overall colon health.[‡]

Add 1 serving to 8-12 oz water. Shake, stir or blend briskly and drink immediately. Drink an additional 8-12 oz serving of water following. Daily water intake should be increased when consuming this product.

**Serving size: 1 heaping scoop (approximately 8.9 grams)
Servings per container: approximately 45**

Each heaping scoop (approximately 8.9 g) contains:

Calories	25
Total carbohydrate	5 g
Dietary fiber	4 g
Total sugars	<1 g
Protein	1 g
Psyllium powder (husk)	4 g
Flax (<i>Linum usitatissimum</i>) powder (seed)	2.25 g
L-Glutamine (free-form)	1 g
Deglycyrrhizinated licorice (<i>Glycyrrhiza glabra</i>) extract (root)	600 mg
Marshmallow (<i>Althaea officinalis</i>) extract (root)	400 mg
Aloe vera (<i>Aloe barbadensis</i>) extract (inner fillet) (standardized to contain 10% polysaccharides)	100 mg
Slippery elm (<i>Ulmus fulva</i>) extract (bark)	200 mg
Triphala (a proprietary blend of chebula myrobalan (<i>Terminalia chebula</i>), belleric myrobalan (<i>Terminalia bellerica</i>), and amla (<i>Embllica officinalis</i>) extracts (fruit))	90 mg
Other ingredients: stevia leaf extract, ascorbyl palmitate	

Not to be taken by pregnant or lactating women.



G.I. Fortify [†]	Quantity	Order Code
	14.1 oz (400 g)	GIF4

G.I. Integrity[†]

PureGI™ product line

ENHANCED SUPPORT FOR GASTROINTESTINAL INTEGRITY AND FUNCTION.[‡]

Glutamine, the most abundant amino acid in the body, promotes healthy everyday tissue repair. In the gut, it maintains intestinal integrity by supporting the protective mucosal lining and maintaining healthy villous function. It is also an important metabolic fuel for the enterocytes and immune cells in the small intestine. N-acetyl-d-glucosamine is a component of glycosaminoglycans and glycoproteins found in the gut's mucosal surface. Gamma oryzanol has a history of use in gastrointestinal applications, with preclinical data supporting its potential to moderate gastric secretions and promote gut function. The polysaccharide-rich inner fillet of aloe vera maintains healthy prostaglandin metabolism, immune-mediator activity and antioxidant defenses. In a randomized, double-blind clinical trial, volunteers reported positive intestinal support compared to placebo after 4 weeks of aloe vera supplementation.[‡]

2 capsules, twice daily, with or between meals.

Two (size 00) vegetarian capsules contain:

L-Glutamine (free-form)	1,000 mg
N-Acetyl-d-glucosamine (from crab, shrimp)	500 mg
Gamma oryzanol (from rice bran)	150 mg
Aloe vera (<i>Aloe barbadensis</i>) extract (inner fillet) (standardized to contain 10% polysaccharides)	50 mg
Other ingredients: vegetarian capsule (cellulose, water), ascorbyl palmitate	

Contains shellfish (crab, shrimp)



G.I. Integrity [†]	Quantity	Order Code
	240	GII2
	120	GII1

[†]Dr. Yanuck is a retained advisor to Pure Encapsulations.

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Gluten/Dairy Digest

A UNIQUE MIX OF ENZYMES TO SUPPORT HEALTHY GLUTEN AND DAIRY DIGESTION†

Gluten/Dairy Digest contains a blend of digestive enzymes targeting gluten and dairy digestion. Gluten/Dairy Digest includes a blend of proteases specially formulated with the scientifically researched prolyl-endopeptidase enzyme targeting gluten breakdown. In a randomized, double-blind, placebo-controlled trial, individuals consuming prolyl-endopeptidase enzyme and gluten showed lower α -gliadin (a main component of gluten) concentration in the stomach and duodenum. In another randomized, placebo-controlled, crossover study, 18 gluten-sensitive subjects consumed a mixed meal containing 0.5 g gluten. Tolerase® G (83,300 PPI) significantly degraded gluten concentrations in both the stomach and duodenum. In the stomach, median gluten levels were reduced from 176.9 mcg (range of 73.5-357.8 mcg) to 25.4 mcg (16.4-43.7 mcg, $p=0.001$). In the duodenum, median gluten levels were reduced from 14.1 mcg (range of 8.3-124.7) to 7.4 mcg (3.8-12 mcg, $p=0.015$). The enzyme specifically degrades the immunogenic parts of the gluten protein. Research reveals that gluten-sensitive T-cells no longer react after gluten has been degraded with the enzyme. Additionally, this formula provides a unique mixture of protease enzymes and lactase to assist digestion of multiple constituents of milk and dairy products. Protease enzymes targeting casein and beta-lactoglobulin proteins support dairy protein digestion. Casein is the predominant protein in milk and cheese. Beta-lactoglobulin occurs primarily in the whey fraction of milk. It is an acid-stable protein and therefore may not be broken down by pepsin and pancreatin. Lactase breaks down the milk sugar lactose, helping to relieve occasional bloating or gas that some people can experience from dairy consumption.†

1 capsule daily, with food.

Each (size 1) vegetarian capsule contains:

Tolerase® G Prolyl Endopeptidase	83,300 PPI
BioCore® Dairy	105 mg
Protease (endo/exopeptidase)	630 BLGU
Lactase	1,000 ALU
Other ingredients: vegetarian capsule (cellulose, water)	

BioCore® is a trademark of National Enzyme Company.

Tolerase® G is a trademark of DSM.

Tolerase® G is not intended to replace a gluten-free diet.

Tolerase® G is not intended to treat or prevent Celiac disease.



Gluten/Dairy Digest	Quantity	Order Code
	120	GDD21
	60	GDD26

Grapefruit Seed Extract

PROMOTES THE BALANCE OF INTESTINAL MICROORGANISMS AND SUPPORTS HEALTHY MICROBIAL BALANCE IN THE GASTROINTESTINAL TRACT†

Grapefruit Seed extract is a highly concentrated G.I.-balancing extract promoting healthy microflora and gut ecology. A preliminary clinical trial reported that grapefruit seed extract supplements helped support healthy G.I. function and comfort. An in vitro study indicated that grapefruit seed extract promoted healthy microbial balance. Other studies support these findings, citing that grapefruit seed extract promotes a healthy environment when exposed to a wide range of bacterial biotypes.†

1 capsule, 1-4 times daily, with meals and 6-8 oz of water.

Each (size 2) vegetarian capsule contains:

Grapefruit (Citrus x paradisi) extract (seed and fruit)	250 mg
Other ingredients: vegetarian capsule (cellulose, water), ascorbyl palmitate	

Not to be taken by pregnant or lactating women.



Grapefruit Seed Extract	Quantity	Order Code
	120	GR1
	60	GR6



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Heartburn Essentials[‡]

PureGI™ product line

MAINTAINS HEALTHY GASTRIC SECRETION, SUPPORTS DIGESTION AND SOOTHES THE DIGESTIVE TRACT[‡]

For years, gamma oryzanol has been associated with maintaining healthy gastric secretion, even under occasionally stressful conditions. It is likely that gamma oryzanol does this by influencing the autonomic nervous system. DGL, marshmallow and slippery elm provide traditional support for soothing the gastrointestinal tract and promote the integrity of the mucosal lining. Artichoke helps to stimulate the digestive process. Plant enzymes further promote digestive function.[‡]

1 capsule at the start of each meal, or as directed by a health professional.

Each (size 00) vegetarian capsule contains:	
Gamma oryzanol (from rice bran)	125 mg
Deglycyrrhizinated licorice (<i>Glycyrrhiza glabra</i>) extract (root)	100 mg
Marshmallow (<i>Althaea officinalis</i>) extract (root)	100 mg
Slippery elm (<i>Ulmus fulva</i>) extract (bark)	100 mg
Artichoke (<i>Cynara scolymus</i>) extract (leaf)	75 mg
Turmeric (<i>Curcuma longa</i>) extract (root)	50 mg
(standardized to contain 95% curcuminoids)	
Proprietary enzyme blend	61 mg
Providing:	
Amylase	6,000 DU
Lipase	81 FIP
Cellulase	22 CU
Other ingredients: vegetarian capsule (cellulose, water), tapioca dextrin, ascorbyl palmitate	

Not to be taken by pregnant or lactating women.



Heartburn Essentials [‡]	Quantity	Order Code
	180	HB1
	90	HB9

MicroDefense w/Oregano

PureGI™ product line

COMBINATION OF PLANT EXTRACTS DESIGNED TO SUPPORT HEALTHY GASTROINTESTINAL TRACT FUNCTION AND MICROBIAL BALANCE[‡]

Artemisia, which contains artemisinin, has been used traditionally for thousands of years to promote healthy microbial balance within the body. Oregano oil powder offers antioxidant and microbial-balancing properties. In vitro and animal research suggests that oregano oil and clove can diffuse through microbial cell membranes, promoting membrane permeability. Berberine sulfate is a highly concentrated microbial-balancing compound. Olive leaf extract contains the active constituent oleuropein, a phenolic glucoside that helps maintain healthy G.I. microorganism balance and may help support immune function.[‡]

1 capsule, 1-3 times daily, just before a meal, with 6-8 oz water, for 2-3 months, or as directed by a health professional.

Each (size 00) vegetarian capsule contains:	
Berberine sulfate	100 mg
Olive (<i>Olea europaea</i>) extract (leaf)	100 mg
(standardized to contain 15% oleuropein)	
Sweet wormwood (<i>Artemisia annua</i>) extract (aerial parts)	150 mg
Clove (<i>Syzygium aromaticum</i>) powder (bud)	50 mg
Oregano (<i>Origanum vulgare</i>) oil extract (leaf and flower)	100 mg
Other ingredients: vegetarian capsule (cellulose, water)	

Not to be taken by pregnant or lactating women.



MicroDefense w/ Oregano	Quantity	Order Code
	180	MI31
	90	MI39



MotilPro

PureGI™ product line

ADVANCED GUT-SIGNALING SUPPORT FORMULA,
SUPPORTING SEROTONERGIC AND CHOLINERGIC
FUNCTION FOR HEALTHY GUT MOTILITY*

MotilPro supports serotonergic and cholinergic neurotransmission in the G.I. tract. 5-HTP is absorbed by enterochromaffin cells in the epithelium, in which it is decarboxylated to serotonin using pyridoxal 5' phosphate as a cofactor. 5-HTP stimulates enteric neurons through activation of 5HT4 receptors. Ginger modulates serotonin signaling by additional 5HT4 stimulation and by binding type 3 (5HT3) receptors in the enteric nervous system and brain stem, supporting gastric emptying, intestinal transit, healthy visceral sensation and upper G.I. comfort. Acetyl-L-carnitine supports autonomic neuronal health and contributes acetyl groups for the synthesis of acetylcholine, supporting neurotransmission of signals to encourage healthy motility.†

3 capsules, 1-2 times daily, between meals.

Three (size 00) vegetarian capsules contain:

Vitamin B ₆ (as pyridoxal 5' phosphate) (activated B ₆)	6.7 mg
Ginger (<i>Zingiber officinale</i>) extract (root) (standardized to contain 5% gingerols)	1,000 mg
Acetyl-L-carnitine (free-form)	500 mg
5-Hydroxytryptophan	50 mg
Other ingredients: vegetarian capsule (cellulose, water), ascorbyl palmitate	

Not to be taken by pregnant or lactating women. If you have any health condition or are taking any medication, particularly psychiatric medications, consult your health professional before use. Do not use concurrently with antidepressants.



MotilPro	Quantity	Order Code
	180	MOP1

Pancreatic Enzyme Formula

Acid-resistant capsules

ENZYME SUPPORT FOR DIGESTIVE FUNCTION*

This formula is designed to aid the body's natural digestive process. It provides a highly concentrated form of enzymes naturally secreted by the pancreas which are essential to the digestion of food and absorption of nutrients. The formula contains lipase, which digests fat; proteases, which digest protein; and amylases, which digest starch. This formula is offered in acid-resistant capsules to maximize delivery to the G.I. tract.†

1 capsule, 3 times daily, with each meal, or as directed by a health professional.

Each (size 00) vegetarian capsule contains:

Pancreatin (from porcine) (lactose free)	500 mg
Providing:	
Lipase	17,500 USP units
Protease	110,000 USP units
Amylase	120,000 USP units

Other ingredients: vegetarian capsule (cellulose, gellan gum, water), hypoallergenic plant fiber (cellulose)



Pancreatic Enzyme Formula	Quantity	Order Code
	180	PE1
	60	PE6



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Pancreatic VegEnzymes

VEGETARIAN ENZYME SUPPORT FOR DIGESTIVE FUNCTION†

This enzyme blend provides a broad-acting formulation derived from the plant sources *Aspergillus oryzae* and *Aspergillus niger*. It is a vegetarian alternative to Pancreatic Enzyme Formula for carbohydrate, lipid and protein digestion. These enzymes have several unique properties that enhance their ability to promote the optimal breakdown of foods and nutrients, including broad substrate specificity. This means that these enzymes have the ability to recognize and help digest a large number of target molecules. Plant enzymes are also active in a wide pH range, from about 3.5-8.5, indicating that their actions begin in the stomach and continue in the small intestine, promoting complete digestion. Pancreatic VegEnzymes is designed to be comparable in amylase, protease and lipase profile to Pancreatic Enzyme Formula (500 mg pancreatin).‡

1 capsule, 3 times daily, with each meal, or as directed by a health professional.

Each (size 3) vegetarian capsule contains:

Proprietary enzyme blend	200 mg
Providing:	
Protease 4.5	40,000 HUT
Lipase	5,000 FIP
Amylase	1,500 DU

Other ingredients: vegetarian capsule (cellulose, water), tapioca dextrin, ascorbyl palmitate



Pancreatic VegEnzymes	Quantity	Order Code
	180	PV1

Peptic-Care[‡] (Zinc-L-Carnosine)

PureGI[™] product line

PROVIDES PATENTED SUPPORT FOR GASTRIC HEALTH AND COMFORT FOR STRENGTHENING THE STOMACH'S MUCOSAL DEFENSES, BUFFERING GASTRIC ACID, MAINTAINING GASTRIC INTEGRITY AND PROVIDING ANTIOXIDANT SUPPORT FOR OVERALL GASTRIC HEALTH AND COMFORT†

This patented, 1:1 chelate of zinc and l-carnosine provides a unique configuration that is important to this compound's activity. Zinc-carnosine has a slow disassociation rate and adheres to the stomach lining, allowing for prolonged protection. Once dissociated, zinc and carnosine provide synergistic antioxidant protection, support the stomach's mucosal defenses, buffer gastric acid and maintain healthy cytokine release. Studies have suggested that this combination has greater effects on the integrity of the gastric lining than either ingredient alone. One Japanese multi-center, double-blind study involving 299 subjects described a positive effect of zinc-carnosine on objective and subjective parameters of normal gastric health and repair functions, especially after 8 weeks. Seven additional clinical evaluations with more than 550 volunteers indicate similar results. In recent in vitro and in vivo studies, zinc-carnosine stimulated healthy gut repair by supporting healthy colon cell reproduction and maintaining healthy villous function. In a double-blind, randomized, crossover trial, zinc-carnosine maintained healthy gut permeability. Extensively studied and utilized in Japan, this zinc-carnosine combination has an excellent safety profile.‡

1 capsule, 1-2 times daily, with meals.

Each (size 3) vegetarian capsule contains:

Zinc (from 75 mg zinc-l-carnosine complex)	16 mg
Carnosine (from 75 mg zinc-l-carnosine complex)	58 mg

Other ingredients: hypoallergenic plant fiber (cellulose), vegetarian capsule (cellulose, water), ascorbyl palmitate



Peptic-Care [‡] (Zinc-L-Carnosine)	Quantity	Order Code
	60	PCZ6

SunButyrate™-TG liquid

PureGI™ product line

UNIQUE, BUTYRATE-RICH TRIGLYCERIDE OIL THAT PROMOTES INTESTINAL HEALTH, GUT BARRIER INTEGRITY, CYTOKINE BALANCE IN THE G.I. TRACT, BOWEL MOTILITY AND ABDOMINAL COMFORT†

Butyrate is one of the three most abundant short-chain fatty acids (SCFAs) produced by anaerobic bacterial fermentation of polysaccharides/fiber in the colon, where it serves as an energy source for epithelial cells. Butyrate plays a major role in intestinal physiology, supporting both physical and biochemical protective barrier function, bowel motility, nutrient absorption and immune activity of intestinal cells. It also promotes the proliferation, differentiation and renewal process of the colonocytes.

Research suggests that SCFAs produced by intestinal bacteria activate key players in the regulation of energy metabolism in the gut as well as regulate healthy gene expression for mucin production, supporting tight-junction assembly, healthy mucous production and a healthy intestinal barrier. In a four-week study comparing a standard low-fiber Western diet to a high-fiber diet with high levels of resistant starch from potato and wheat bran concentrated in the hemicellulose fiber arabinoxylan, levels of butyrate, acetate and other SCFAs significantly increased, as did epithelial mucin 2 (MUC2) and the tight junction protein occludin. SCFAs also help protect epithelial cells by modulating oxidative stress and immune mediators, including prostaglandins; cytokines such as TNF-α, IL-6, IL-10; and the transcription factor NF-κB. Clinical trials indicate that butyrate supplementation supports intestinal function and promotes healthy cytokine balance in the G.I. tract. In a 30-day trial involving 50 subjects, 1 g butyrate promoted healthy G.I. motility and abdominal comfort, and reduced bloating in 68% of subjects. Preliminary research suggests SCFAs could also offer support for blood vessel and blood-brain barrier integrity, as well as relaxation and satiety. Animal studies suggest that SCFA supplementation may moderate corticosterone response and promote the secretion of peptide YY, to inhibit gastric emptying and intestinal transit time. As butyrate is typically produced in the colon, oral butyrate salts have poor palatability and are easily degraded by stomach acid, preventing delivery to the colon.

Novel triglyceride-form SunButyrate™ offers a light and pleasant-tasting, unique triglyceride-form sunflower-based oil designed to protect butyrate from degradation in the stomach and upper G.I. tract. G.I. models and in vitro tests reveal 6-8% breakdown in the stomach compared to 70% breakdown in other forms, while maintaining >90% breakdown in the intestine.‡

1 teaspoon, 1-3 times daily, with meals.

Serving size: 1 teaspoon (5ml / 0.17 fl oz)

Servings per container: 56

Each teaspoon contains:

Calories	40
Total Fat	5 g
Saturated Fat	1 g
SunButyrate™ butyrate-triglyceride	4.5 g
Providing 875 mg butyric acid	

Other ingredients: natural blueberry and vanilla flavors, mixed tocopherols, rosemary leaf extract

SunButyrate™ is a trademark used under license.



SunButyrate™-TG liquid	Quantity	Order Code
	280 ml (9.5 fl oz)	BTGL



‡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.

Gastrointestinal

Pure solutions for digestive support[†]



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1. In the U.S., among brands surveyed, Nutritional Business Journal® 2016, 2020.

[†]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.

pure
encapsulations[®]