

➔ The Moss Nutrition Professional Line ⇐

COMPREHENSIVE DIGESTIVE SUPPORT with ENZYMES & HERBS

Supplement Facts

Serving Size 1 Capsule
Servings Per Container 90 and 180

	Amount Per Serving	% Daily Value
Pancreatin 4X (providing: Protease 20,000 USP units; Amylase 20,000 UPS units; Lipase 1,600 USP units)	200 mg	**
Betaine HCl	150 mg	**
Ox Bile Extract	60 mg	**
Artichoke leaf & inflorescence extract (<i>Cynara scolymus</i>) (14-17:1, 5% cynarin)	50 mg	**
Gentian root & rhizome extract (<i>Gentiana lutea</i>) (2-4:1)	50 mg	**
Lipase (providing 400 USP units)	50 mg	**

** Daily Value (DV) not established.

Other Ingredients: Cellulose (capsule), microcrystalline cellulose, vegetable stearate, silicon dioxide.

SUGGESTED USE: 1 CAPSULE PER MEAL, OR AS DIRECTED BY YOUR HEALTHCARE PROFESSIONAL.

WARNING: IF TAKING MEDICATION, PREGNANT OR NURSING CONSULT A PHYSICIAN BEFORE USING.

- Potent pancreatic enzymes from Pancreatin 4X, with additional Lipase enzyme for enhanced fat digestion.*
- Betaine HCl & Ox Bile to help support complete breakdown and assimilation of proteins, minerals and fats.*
- Bitters (Gentian & Artichoke) stimulate digestive secretions.*

Pancreatin Select® provides synergistic support for enhanced digestive function with meaningful levels of pancreatic enzymes and lipase plus Betaine HCl, Ox Bile and two high quality researched herbal bitters: Artichoke and Gentian. These ingredients work together to help support the complete digestion of proteins, carbohydrates and fats and to help promote digestive comfort and function within both gastric and intestinal environments.

Of the many factors that contribute to compromised digestive capacity, insufficient stomach acid and diminished pancreatic enzyme production

are two of the most common and widespread, with age alone a primary cause in most people. Achlorhydria and pancreatic insufficiency are associated not only with digestive discomfort but with complications such as malnutrition and small intestine bacterial overgrowth (SIBO). The ingredients in **Pancreatin Select®** have been suggested to help boost the body's natural ability to break down and metabolize food in the critical early stages of digestion following a meal, to promote healthy nutrient absorption, inhibit the growth of pathogenic microbes and improve overall digestive comfort.

PANCREATIN 4X is a concentrated blend of pancreatic protease, lipase and amylase intended to help facilitate the breakdown of proteins, fats, and carbohydrates, respectively. Supplemental pancreatic enzymes help to offset reduced enzymatic output by the exocrine pancreas, an organ which is strained by modern diets high in processed foods and low in enzyme-rich raw and fermented foods. Diets high in sugars and starches similarly overstress the endocrine pancreas, which must constantly produce hormones needed to balance blood glucose levels. Pancreatic insufficiency, common in celiac disease and other digestive disorders, is a major cause of nutrient malabsorption. Taking pancreatic enzymes augments the body's natural output, promoting the thorough breakdown of nutritional components in chyme

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entering the duodenum. Additional LIPASE enzyme is added to help support complete and enhanced fat digestion. The Lipase and Pancreatin 4X concentrates used in **Pancreatin Select®** are true, animal-based enzymes derived from natural porcine pancreas.

BETAINE HCl is a source of hydrochloric acid, a key component of gastric juice. Naturally secreted by parietal cells located in the gastric lining, HCl creates the acidic environment necessary to activate the conversion of pepsinogen into pepsin, initiating protein digestion in the stomach. HCl is also necessary to cleave minerals from their substrate and to kill foodborne microorganisms. Hypochlorhydria, typically marked by symptoms of indigestion, gas and bloating, impairs protein digestion and leads to imbalances of gut microflora, pathogenic microbial overgrowth and assorted micronutrient deficiencies—notably calcium, iron, B6, B12 and folic acid. Hydrochloric acid is a powerful solvent—one of the six “strong acids” found on Earth. It must be bonded to a carrier molecule such as betaine, a methyl donor, to make it safe for ingestion. Betaine HCl is the most widely used form of supplemental hydrochloric acid and has been used for decades to help support a healthy gastric pH.

OX BILE provides a BSE-free source of bile acids. Naturally synthesized in our bodies from cholesterol in the liver before being stored and concentrated in the gallbladder, bile enables healthy fat emulsification and absorption. Bile acids also have been suggested to help regulate fat metabolism by stimulating the production of active thyroid hormone within fat cells. Conjugated bile acid supplements have been shown clinically to help increase both fat and calcium absorption. They may be of particular benefit to people whose gallbladder has been removed, people with compromised liver or gallbladder function and people taking medications that sequester bile acids.

ARTICHOKE & GENTIAN are bitter herbs that help to stimulate digestive function by increasing saliva production and promoting the secretion of gastric acid, bile and digestive enzymes. Research suggests artichoke extracts offer significant benefits to digestion, particularly when bile production is low due to liver or gall bladder malfunction. Gentian has been shown to stimulate cephalic and gut receptors, positively influencing gastric phase digestion.

REFERENCES

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