

Ease your stomach upset with natural **Bromelain-Papain Complex**. Bromelain is derived from pineapple and used as an anti-inflammatory agent after trauma or surgery. It is an effective digestive aid, particularly for those who have pancreatic problems. Bromelain and Papain are known to effectively relieve gastrointestinal upset.

The digestive system is a varied and complex group of organs, tissues, and cells, each with their own secretions, requirements, and role to play. From saliva to gastric juices and bile, the digestive tract breaks down food and extracts and transports nutrients.

Humans (and most animals) digest all their food extracellularly; that is, outside of cells. Digestive enzymes are secreted from cells lining the inner surfaces of various exocrine glands. The enzymes hydrolyze the macromolecules in food into small, soluble molecules that can be absorbed into cells.

Enzymes are complex molecules produced in living organisms to catalyze (speed up) chemical reactions within the cell. Some enzymes are made inside the body; others are supplemented.

Brings Balance

Bromelain is an effective digestive aid

Bromelain is the name of a group of powerful protein-digesting, or proteolytic, enzymes that are found in the pineapple plant. The enzymes used to make supplements are derived from the stem of the pineapple and were discovered in 1957. These enzymes have been widely studied and have been proven to be useful for reducing muscle and tissue inflammation and as a digestive aid.

Bromelain can enhance the effect of such digestive enzymes as trypsin or pepsin. Bromelain can also ease the pain of heartburn and lessen the effects of diarrhea when these conditions are caused by a shortage of digestive enzymes.

Papain soothes the stomach

Papain is a protein-cleaving enzyme derived from papaya. Papain has a mild, soothing effect on the stomach and aids in protein digestion.

The latex of the papaya plant and its green fruits contains two proteolytic enzymes, papain and chymopapain. The latter is most abundant but papain is twice as potent. The presence and effects of proteases in papaya fruit have been well known since the 1750s. It was not until the 1870s that the importance of papaya as a source of enzymes was recognized.



Supplement Facts		
Serving Size: 1 Tablet		
	Amount Per Serving	% Daily Value
Calories	5	<1%
Protein	0.6 g	<1%
Vitamin C	60 mg	100%
Betaine HCl	200 mg	**
Papain 2000 DU	130 mg	**
Glutamic Acid HCl	100 mg	**
Bromelain 1200 DU	80 mg	**
Pancreatin 4X	40 mg	**
Bile	30 mg	**

** Daily Value not established.

Available in 60 & 180 count

Is Unique

Bromelain-Papain Complex is a combination product

It contains the right ingredients in the right amounts to aid digestion and soothe the digestive tract. This special blend of plant extracts, vitamins, minerals, and herbs is just what the body needs to soothe and support the digestive system. Bromelain-Papain Complex contains Bromelain and Papain Enzymes, Vitamin C, and other synergistic ingredients.

Processing

On-site laboratories are constantly monitored and tested by expert chemists and microbiologists to ensure consistent quality of raw materials, product batches, and finished products.

Vitamin and mineral analyses are conducted to validate the product content and specifications, assuring high quality.

FDA Drug Manufacturing Standards

MBi Nutraceuticals operates its own FDA licensed Drug Manufacturing facility. Our standard operating procedures are based on "Current Good Manufacturing Practices" as defined by the Food and Drug Administration. MBI ensures the highest quality nutraceuticals by applying our drug manufacturing procedures to every nutritional, herbal, food, homeopathic, and personal care product we make.

No Additives

This product is made from superior ingredients and formulated to ensure optimum potency. This product contains no starch, salt, or preservatives, and no wheat, yeast, or milk derivatives.

Synergistic MBI Products

Bio-Ice
Bio-Gesic
Bio-Gest
Bio-EPA

Further Reading

Hale LP, Greer PK, Trinh CT, Gottfried MR, Treatment with oral bromelain decreases colonic inflammation in the IL-10-deficient murine model of inflammatory bowel disease. *Clinical immunology : the official journal of the Clinical Immunology Society*. 2005 Aug; Vol. 116 (2), pp. 135-42.

Hale LP, Greer PK, Trinh CT, James CL, Proteinase activity and stability of natural bromelain preparations. *International immunopharmacology*. 2005 Apr; Vol. 5 (4), pp. 783-93.

Camilleri M, Dubois D, Coulie B, Jones M, Kahrilas PJ, Rentz AM, Sonnenberg A, Stanghellini V, Stewart WF, Tack J, Talley NJ, Whitehead W, Revicki DA, Prevalence and socioeconomic impact of upper gastrointestinal disorders in the United States: results of the US Upper Gastrointestinal Study. *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*. 2005 Jun; Vol. 3 (6), pp. 543-52.