



PRODUCT FACT SHEET

MULTI-ENZYME

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ITEM #: 0703-0060-01

High potency plant and animal-based enzyme complex with hydrochloric acid and ox bile extract for comprehensive digestive support.

BACKGROUND

Because different enzymes are needed to break down proteins, carbohydrates, and fats, a combination of multiple enzymes is recommended for overall digestive support. Included in this formula are the following enzymes: pancreatin (supplying amylase, protease, and lipase), pepsin, papain, and betaine HCL for the breakdown of proteins, and diastase for the breakdown of starches. Ox bile extract assists in lipid breakdown so that lipase is even more effective. It also aids in absorption of fat soluble vitamins.

Supplementation with digestive enzymes such as amylase, protease, and lipase can help the body to digest fats, proteins, and carbohydrates. When patients exhibit decrease digestive ability, digestive enzyme supplementation may prove beneficial.

Hydrochloric acid production naturally decreases as people age. Gastric hydrochloric acid decreases the number of pathogens that survive in the stomach and get passed to the small intestine, aids the absorption of numerous vitamins and minerals, and helps in protein breakdown. Supplemental betaine hydrochloride can be helpful for the digestive system and over-all health.

Ox Bile, a chemically similar substance to human bile, is included to aid in digestion of fats and for help in fat-soluble vitamin absorption. Pancreatin can also provide benefit to some individuals with exocrine pancreatic insufficiency-induced gastrointestinal disorders. Enzymatic activity levels from porcine-sourced pancreatin in (used in Multi Enzyme) are 30-50% higher than pancreatin from a bovine source. Pancreatic exocrine tissues produce enzymes for digestion and are carried through the pancreatic and hepatic ducts into the duodenum where they aid in the metabolism of proteins, fats, and carbohydrates. Digestive issues arise when the pancreas cannot produce an adequate amount of enzymes or when the body's demand for enzymes exceeds the supply. Exocrine pancreatic dysfunction can be caused by various issues including illness, injury or trauma, and even aging. These deficiencies in enzyme production can lead to numerous illnesses and degenerative conditions.

Multi-Enzyme contains additional plant-derived enzymes, papain from papaya and diastase from barley malt. Both papain and diastase work well within a high range a pH, 3.0 – 10.5 and 3.5 – 9.5 respectively. Studies indicate that using plant and animal derived enzymes together produces beneficial synergistic effects in the digestive system.

DESCRIPTION

High potency plant and animal-based enzyme complex with hydrochloric acid and ox bile extract for comprehensive digestive support.

HOW SUPPLIED

60 capsules per bottle.

DIRECTIONS

Two capsules per day before a large meal.

CONTRAINDICATIONS

Hyperacidity; peptic ulcer; biliary tract obstruction. Safety in pregnancy, lactation or pediatric use has not been tested.

Supplement Facts

Serving Size 2 Capsules	Servings Per Container 30
Amount Per Serving	% Daily Value
Pancreatin 5x Supplying: Amylase 12,500 USP units Protease 12,500 USP units Lipase 1,000 USP units	100 mg *
Pepsin	100 mg *
Diastase	100 mg *
Betaine HCl	100 mg *
Papain (from papaya) Supplying 600,000 USP units	100 mg *
Ox Bile Extract	260 mg *

* Daily Value not established.

Other Ingredients: Capsule (gelatin), cellulose, stearic acid (vegetable source), modified cellulose, and silica.

REFERENCES

1. Roxas M. The Role of Enzyme Supplementation in Digestive Disorders. Altern Med Rev 2008;13(4):307-314.



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