

# Zypan®

8475 & 8500

Please Copy for Your Patients

## Zypan Combines Pancreatin, Pepsin, and Betaine Hydrochloride to Facilitate Protein Digestion and Nutrient Absorption

The word enzyme comes from Greek words that mean *in yeast*. Enzymes took on this label when they were discovered while scientists were studying the process of fermentation. Almost every chemical reaction that takes place in all living cells in plants, animals, humans, and even in some bacteria begin by the stimulation of some specific enzyme. Enzymes sustain life. Enzymes are catalysts, meaning they speed up chemical reactions without changing themselves. They are the catalysts that set off multitudes of specific activities and processes throughout the body. While the body manufactures a certain percentage of enzymes, we can also ingest enzymes from both plant and animal sources. Enzymes are very sensitive to heat, so raw foods and enzyme supplements provide the greatest yield. The proteolytic enzymes are one in a group of four that belong to the class of hydrolytic enzymes. The hydrolytic enzymes all have the ability to alter or decompose compounds with water. The proteolytic enzymes work primarily to break down proteins in the digestive tract but also in blood. Research suggests that as we grow older, our ability to generate enzymes declines. Also, as we age, we face a greater chance of absorbing nutrients less efficiently, all putting an increased demand on our need for additional enzymes to help us get the most out of what we eat.

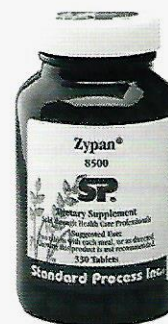
## How Zypan Keeps You Healthy

### Supports protein digestion and absorption

Betaine hydrochloride is a compound that performs important metabolic functions at the cellular level. The betaine portion of this essential compound comes from choline and works to synthesize the amino acid methionine from homocysteine. Hydrochloride (HCL) is an acid found in gastric juice that controls many digestive and metabolic functions—of which the digestion of proteins is the most important. The pancreas is responsible for secreting many digestive enzymes. The bovine pancreas Cytosol™ extract in Zypan provides materials produced by the pancreas, including acids to support corresponding human tissue. Pancreatin is a proteolytic enzyme taken from animal pancreas secretions that can help support a healthy pancreas in humans. Pepsin, also a proteolytic enzyme, is secreted in the stomach to hydrolyze protein for absorption. Bovine and ovine spleen tissue proteins provide additional support at the cellular level.†

### Maintains cellular health

Essential fatty acids are needed by every living cell in the body to produce new cells and to rebuild damaged cells. Essential fatty acids are not manufactured by the body—they can only be obtained through our diet.†



**Introduced in:**

1958

**Content:**

90 Tablets - 8475

330 Tablets - 8500

### Supplement Facts:

Serving Size: 2 tablets  
Servings per Container: 45 or 165

		%DV
Calories	4	
Cholesterol	5 mg	2%

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† These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.



## What Makes Zypan Unique

### Unique Product Attributes

**A multiple enzyme product containing proteolytic enzymes in combination with pancreatin, ammonium chloride, and betaine hydrochloride**

- To support the digestion and absorption of proteins†

### Contains betaine hydrochloride

- An acidifying compound that serves as a building block to the hydrochloric acid needed in the stomach for digestion
- It joins forces with proteolytic enzymes to boost protein digestion and absorption†

### Multiple nutrients from a variety of animal sources

- Pancreas Cytosol™ extract plus spleen glandulars provide nutrients and support to the corresponding tissues in humans
- Vitamins, minerals, and nutrients from animal tissues work synergistically for maximum effect†

### Unique Processing

#### Exclusive low-temperature, high-vacuum drying technique

- Preserves the enzymatic vitality and nutritional potential of ingredients

#### Not disassociated into isolated components

- The nutrients in Zypan are processed to remain intact, complete nutritional compounds

#### Degreed microbiologists and chemists in our on-site laboratories constantly conduct bacterial and analytical tests on raw materials, product batches, and finished products

- Ensures consistent quality and safety

#### Vitamin and mineral analyses validate product content and specifications

- Assures high-quality essential nutrients are delivered

### Whole Food Philosophy

Dr. Lee challenged common scientific beliefs by choosing a holistic approach of providing nutrients through whole foods. His goal was to provide nutrients as they are found in nature—in a whole food state where he believed their natural potency and efficacy would be realized. Dr. Lee believed that when nutrients remain intact and are not split from their natural associated synergists—known and unknown—bioactivity is markedly enhanced over synthetic nutrients. Following this philosophy, even a small amount of a whole food concentrate will offer enhanced nutritional support, compared to a synthetic or fractionated vitamin. Therefore, one should examine the source of nutrients rather than looking at the quantities of individual nutrients on product labels.

Each tablet supplies 175 mg betaine hydrochloride, 65 mg pancreatin (3x), 35 mg bovine pancreas Cytosol™ extract, 25 mg pepsin (1:10,000), and 10 mg ammonium chloride.

**Proprietary Blend:** Betaine hydrochloride, pancreas Cytosol™ extract, pancreatin (3x), fatty acid, pepsin (1:10,000), ammonium chloride, bovine spleen, and ovine spleen.

**Other Ingredients:** Cellulose, lactose (dairy), and calcium stearate.

**Suggested Use:** Two tablets with each meal, or as directed.

**Special Information:** Chewing this product is not recommended.

**Sold to health care professionals.**

Studies on nutrients generally use large doses and these studies, some of which are cited below, are the basis for much of the information we provide you in this publication about whole food ingredients. See the *supplement facts for Zypan*™.

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