

For the use of a Registered Medical Practitioners or a Hospital or a Laboratory only

**ENZAR INSTAZYME
(DIASTASE WITH PEPSIN ENZYME SACHET 50mg + 10mg)**

COMPOSITION

Each sachet of 1.5g/5 ml after reconstitution contains:

Diastase I.P. (1:1200) 50 mg

(Fungal Diastase Derived from *Aspergillus Oryzae* - Digests not less than 60 g of cooked starch)

Pepsin I.P. (1:3000)10 mg

(Digests not less than 30 g of coagulated egg albumin)

Colour: Quinoline Yellow

Appropriate overages added to compensate for loss on storage.

PHARMACEUTICAL FORM

Oral Sachet

DESCRIPTION

Diastase with Pepsin Enzyme Sachet is a powder formulation that contains fungal diastase and pepsin. Enzymes are substances made and used by the body to trigger specific chemical reactions. Enzymes are responsible for every activity of life even thinning requires enzyme activity. The primary digestive enzymes-proteases, amylases and lipases-function as biological catalysts, helping to break down protein, carbohydrates and fats.

CLINICAL PHARMACOLOGY

Fungal Diastase

An enzyme catalyzing the hydrolysis of linkages of polysaccharides such as starch. Best quality of amylase (diastase) is available from *Aspergillus oryzae*. The major amyolytic activity of diastase (Fungal Diastase) is on starch as alpha amylase and S-amylase (Saccharifying amylase), and has some proteolytic activity. In addition, it also contains lipase, cellulase, pectinase and several other enzymes making it a rich source of enzyme complex which splits carbohydrates, proteins, fats and cellulosic constituents of food in their assimilable forms and thus greatly enhances digestive capacity. Amylase has been used as a digestant.

Pepsin

Pepsin is a proteolytic enzyme which is secreted by the stomach and controls the degradation of proteins into proteoses and peptones. It hydrolyses polypeptides. Pepsinogen needs the low stomach pH and Hydrochloric acid for conversion to pepsin. Pepsin then exerts a positive feedback loop. This acidic pH (pH of 2) range is also necessary for proper functioning of the pepsin.

INDICATION

Diastase with Pepsin Enzyme Sachet is indicated for the treatment of Indigestion and associated symptoms.

DOSAGE AND ADMINISTRATION

Sprinkle over food, consume as it is or dissolve entire sachet content in approximately 5 to 10 ml of water before consumption.

Adults - 1 Sachet with/immediately after meals.

Children- 1/2 Sachet with/immediately after meals.

CONTRAINDICATIONS

Hypersensitivity to the ingredients.

PRECAUTIONS

History of allergy, impairment of hepatic or renal function, G6-PD deficiency. To get periodic blood check & liver function tests to be done.

ADVERSE EFFECTS

Prolonged use in patients ingesting low phosphate diet may osteomalacia, Nausea, Vomiting, constipation.

EXPIRY DATE

Do not use later than the date of expiry.

STORAGE

Store below 25°C.

PRESENTATION

Diastase with Pepsin Enzyme Sachet is available in 1.5g of Sachet.

MARKETED BY



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