

# Clearizyme



## Recommended Use:

- ▶ Inflammatory processes
- ▶ Soft tissue trauma/inflammation
- ▶ Sports injuries
- ▶ Arthritis
- ▶ Pain
- ▶ Sprains & strains
- ▶ Contusions
- ▶ Bruising
- ▶ Post-surgical healing
- ▶ Fibrosis

## Clearizyme is a powerful systemic and fibrolytic enzyme blend

Clearizyme is formulated specifically for decreasing both acute and chronic inflammatory processes. This powerful combination of proteolytic enzymes from three different sources: plant (bromelain, papain), fungal (peptizyme) and animal (pancreatin) act synergistically to reduce swelling, bruising, and discomfort associated with inflammation due to trauma (especially sprains and strains), surgical procedures, and arthritis (OA and RA). This formula includes unique enteric coated Pancreatin and Peptizyme SP® which protects these two enzyme ingredients from being inactivated as they pass through the acidic medium of the stomach.

**Bromelain** is a concentrated extract from pineapple (*Ananas comosus*) that primarily acts as an anti-inflammatory agent that is helpful in healing minor injuries, particularly sprains and strains, muscle injuries, as well as the pain, swelling, and tenderness that accompany sports injuries. Bromelain has been found to be effective in reducing pain and swelling in patients with knee pain or rheumatoid arthritis. In addition to treating trauma and sports injuries, bromelain may also be useful in the adjunctive treatment in mammary carcinoma by increasing immunocytotoxicity.

**Papain** is the enzyme mixture extracted from the latex of the tropical papaya (*Carica papaya*). Papain is therapeutically active between pH 3 and 10 making it a valuable adjunct in treating dyspeptic complaints. Moreover, as a proteolytic enzyme it has been found to be of effect in the treatment of numerous disorders including chronic gastritis and helminthic infections.

**Pancreatin** is an animal based, long-lasting, broad-spectrum enzyme containing amylase, lipase, protease, trypsin and chymotrypsin, all of which play an integral part of the digestion of proteins, fats, and carbohydrates. Research has shown that treatment with oral enzyme preparations containing trypsin, chymotrypsin, and papain have reduced the adverse effects encountered by patients undergoing radiotherapy for both head, neck and uterine cancers.

Proteolytic enzymes cleave other proteins and under normal physiological conditions, proteolytic enzymes maintain homeostasis by breaking down aberrant proteins that may arise during disease processes. Oral therapy with proteolytic enzymes produce analgesic and anti-inflammatory effects and reduces posttraumatic and postoperative edema.

**Peptizyme SP®** (Serrapeptidase) has been cited as the strongest fibrolytic enzyme available and is more potent than using chymotrypsin on its own. It is also heat and acid stable.



### Medicinal ingredients: Each capsule contains:

Pancreatin ( <i>sus scrofa</i> )*	150 mg
Trypsin	30,000 USP unit
Protease	22,500 USP unit
Lipase	1,800 USP unit
Amylase	22,500 USP unit
Chymotrypsin	7,500 USP unit
Papain ( <i>carica papaya</i> , fruit)	60 mg
Peptizyme SP® [Serratiopeptidase/Serrapeptase, <i>Serratia marcescens</i> (Strain E-15)]	.50 mg
Fruit Bromelain ( <i>Ananas comosus</i> var. <i>comosus</i> -fruit)	45 mg
Serratiopeptidase/Serrapeptase [ <i>Serratia marcescens</i> (Strain E-15)]	35 mg
	360 FCC PU
	5,000 USP
	810 FCC PU
	350 USP

\*Enteric coated

**Non-medicinal ingredients:** Maltodextrin, magnesium stearate, gelatin (capsule).

**Recommended dose (adults):** Take 1 capsule with food up to 4 times a day. For individuals who experience difficulties swallowing capsules, the capsules may be opened and the granules (mini) microspheres may be mixed with soft food or fluid. Use immediately after mixing. Use the smallest effective dose which controls symptoms.

**Recommended duration of use:** For occasional use only. Consult a health care practitioner for use beyond 7 days.

NPN 80038575 • 180 capsules

