

## Native Swine or Bovine Trypsin-Chymotrypsin 1: 250

Cat. No. PHAM-379

Lot. No. (See product label)

### Introduction

#### Description

Trypsin-Chymotrypsin is the co-crystal of Chymotrypsin and Trypsin so it has the properties of both. The activity of hydrolyzing casein is as much as Chymotrypsin. But the activity of its Chymotrypsin to hydrolyze N-Benzoyl-L-tyrosine ethyl ester (BTEE) is three times higher than Chymotrypsin. The activity of hydrolyze ester bond similar to that of Trypsin. It is stable when dry and easy to be inactivated in solutions. The optimum pH is 7.0-8.0. The high purity Trypsin-Chymotrypsin is purified by re-crystallization, and then by Ion Exchange Chromatography and ultra-filtration.

#### Applications

1. As a laboratory analysis reagent, is scientific research institutions widely used. 2. Animal cell culture of tissue processing.

#### Synonyms

Trypsin-Chymotrypsin 1: 250

### Product Information

#### Species

Swine or Bovine

#### Source

Swine or Bovine pancreas

#### Appearance

White or almost white powder

#### Form

Powder

#### Activity

Trypsin > 2400 USP units/mg, powder; Chymotrypsin < 75 USP units/mg, powder.

### Storage and Shipping Information

#### Storage

Sealed, Dark, at temperature 2-8°C