

Pancreatin Lipase, Porcine Sourced

Cat. No. PLPG-0001

Lot. No. (See product label)

Introduction

Description

Pancreatin lipase is a porcine pancreatic lipolytic enzyme supplied as a solid primary reference material for analytical testing.

Applications

Lipase activity assays; analytical reference testing; quality control of pancreatin and pancrelipase materials and preparations.

Synonyms

Pancreatin Lipase

Product Information

Species

Porcine

Source

Porcine pancreas

Form

Solid

CAS No.

53608-75-6

Specificity

Hydrolysis of triglyceride ester bonds.

Function

Catalyzes the hydrolysis of triglycerides to monoglycerides and free fatty acids.

Grade

Pharmaceutical primary reference standard

Unit Definition

One lipase activity unit is the amount of pancreatin that liberates 1.0 μEq of acid per minute at pH 9.0 and 37°C under the specified lipase assay conditions.

Reaction

Triglycerides + water → monoglycerides + free fatty acids

Usage

For analytical test and assay use as a reference material for pancreatin and pancrelipase preparations.

Usage and Packaging

Package

2 g