

Native wheat germ Lipase

Cat. No. NATE-1615

Lot. No. (See product label)

Introduction

Description

Triacylglycerol lipase is an enzyme with system name triacylglycerol acylhydrolase. This enzyme catalyses the following chemical reaction: triacylglycerol + H₂O ↔ diacylglycerol + a carboxylate.

Synonyms

Triacylglycerol acylhydrolase; Triacylglycerol lipase

Product Information

Source

Wheat germ

Form

Lyophilized powder. Contains acid phosphatase.

EC Number

EC 3.1.1.3

CAS No.

9001-62-1

Activity

Lipase: 5-15 units/mg protein Acid Phosphatase < 1.0 units/mg protein

Composition

Protein, >70%

Unit Definition

One unit will hydrolyze 1.0 microequivalent of fatty acid from a triglyceride in 1 hr at pH 7.4 at 37 °C. (This is equivalent to approx. 10 microliters of CO₂ in 30 minutes.) One unit will hydrolyze 1.0 micromole p-nitrophenyl phosphate per minute at pH 4.8 at 37 °C.

Storage and Shipping Information

Storage

2-8°C