

Native *Aspergillus niger* Lipase

Cat. No. NATE-1607

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

Lipase AP6

Product Information

Source

Aspergillus niger

Form

Powder (fine)

EC Number

EC 3.1.1.3

CAS No.

9001-62-1

Molecular Weight

~ 45,000

Activity

~200 U/g

Unit Definition

1 U corresponds to the amount of enzyme which hydrolyzes 1 μmol acetic acid per minute at pH 7.4 and 40 °C (triacetin as substrate) 50 U as described above are equivalent to ~1 U using triolein as substrate, at pH 8.0 and 40 °C.

Storage and Shipping Information

Storage

2-8°C