

Lipoprotein Lipase from Pseudomonas sp.

Product Code: 172652

EC no: 3.1.1.34

SKU: 172652

Category: [Enzymes](#)

PRODUCT DESCRIPTION

SPECIFICATIONS:

EC 3.1.1.34

Product name: Triacylglycerol-protein acylhydrolase

Appearance: Light brown amorphous powder lyophilized

Activity: Grade III, 20 U/mg-solid or more (containing approx. 80% of Stabilizers)

Contaminants:

- NADH oxidase $\leq 1.0 \times 10^{-3} \%$
- Phosphatase $\leq 1.0 \times 10^{-3} \%$
- Catalase $\leq 2.0 \times 10^{-2} \%$
- Cholesterol oxidase $\leq 2.0 \times 10^{-3} \%$

Stabilizers: Mg²⁺, Na-cholate, bovine serum albumin

Stability: Stable at -20°C for at least one year

Molecular weight: approx. 134,000

Isoelectric point: 5.95 ± 0.05

Inhibitors: Hg²⁺, Ag⁺, ionic detergents

Optimum pH: 7.0 – 9.0

Optimum temperature: 45 - 50 °C

pH Stability: pH 7.0 – 9.0 (25 °C, 20hr)

Thermal stability: Below 55 °C (pH 7.0, 10min)