

Cholesterol Oxidase from microorganism.

Product Code: 172901

EC no: 1.1.3.6

SKU: 172901

Category: [Enzymes](#)

PRODUCT DESCRIPTION

SPECIFICATIONS

EC 1.1.3.6

Product name: Cholesterol: oxygen oxidoreductase

Appearance: Yellowish amorphous powder, lyophilized

Activity: Grade III, 12 U/mg or more

Contaminants:

- Catalase < 0.1 %
- Cholesterol esterase: < 0.01 %

Stabilizers: Bovine serum albumin, amino acids

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

Molecular weight: Approx. 55000(by gel-filtration)

Michaelis constants: 3×10^{-5} M (Cholesterol)

Inhibitors: Ionic detergents, Hg^{2+}

Optimum pH: 7.0 – 8.0

Optimum temperature: 60 °C

pH Stability: pH 5.0 – 10.0 (25 °C, 20hr)

Thermal stability: Below 60 °C (pH 7.0, 15min)