

Catalase, Enzyme Activity

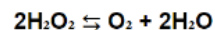
Catalog	Unit
TBP0008-500UL	500 uL
TBP0008-1000UL	1000 uL

Preparation and Specification

Appearance: Orive green solution

Activity: Grade V 150,000 U/ml or more

Hydrogen-peroxide: hydrogen-peroxide oxidoreductase (EC 1. 11. 1. 6)



Properties

Stability: Stable at 4°C

Molecular weight: approx. 53,000 (by mass spectrometry)

Inhibitors: NaN₃

Optimum pH: 7.2-9.0

Optimum temperature: 35-40°C

pH Stability: pH 6.2-8.9 (25°C, 16hr)

Thermal stability: below 35°C (pH 7.0, 30min)

Applications

This enzyme is useful for eliminating the interference of hydrogen-peroxide in clinical analysis.

For research use only