



Catalase

ORIGIN: *TRICHODERMA REESEI*

CAT#: CATA-70-6008

EC#: 1.11.1.6

SPECIFICATIONS

Appearance: Liquid
Activity: 8,500–10,000 U/g
pH: 5.0 – 5.6

ASSAY PRINCIPLE

Catalase catalysis the following reaction:



The rate of decrease in H₂O₂ concentration is followed directly by titration

APPLICATION

Catalase can be used for the enzymatic removal of hydrogen peroxide.

UNIT DEFINITION

One Baker unit of activity is defined as the amount of enzyme that decomposes 264 mg hydrogen peroxide in one hour at 25°C and pH 7.0.

CHARACTERISTICS

Optimum pH: pH 5.5.
Optimum Temperature: 40°C

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