

## catalase

Cat. No. EXWM-0508

Lot. No. (See product label)

### Introduction

#### Description

A hemoprotein. A manganese protein containing MnIII in the resting state, which also belongs here, is often called pseudocatalase. The enzymes from some organisms, such as *Penicillium simplicissimum*, can also act as a peroxidase (EC 1.11.1.7) for which several organic substances, especially ethanol, can act as a hydrogen donor. Enzymes that exhibit both catalase and peroxidase activity belong under EC 1.11.1.21, catalase-peroxidase.

#### Synonyms

equilase; caperase; optidase; catalase-peroxidase; CAT

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.11.1.6

#### CAS No.

9001-05-2

#### Reaction

$2 \text{H}_2\text{O}_2 = \text{O}_2 + 2 \text{H}_2\text{O}$

#### Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

#### Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.