

## 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.