

## **$\alpha,\alpha$ -trehalase**

Cat. No. EXWM-3892

Lot. No. (See product label)

### **Introduction**

**Description** The enzyme is an anomer-inverting glucosidase that catalyses the hydrolysis of the  $\alpha$ -glucosidic O-linkage of  $\alpha,\alpha$ -trehalose, releasing initially equimolar amounts of  $\alpha$ - and  $\beta$ -D-glucose. It is widely distributed in microorganisms, plants, invertebrates and vertebrates.

**Synonyms** trehalase

### **Product Information**

**Form** Liquid or lyophilized powder

**EC Number** EC 3.2.1.28

**CAS No.** 9025-52-9

**Reaction**  $\alpha,\alpha$ -trehalose + H<sub>2</sub>O =  $\beta$ -D-glucose +  $\alpha$ -D-glucose

**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.