

## **α-Glucosidase from Bacillus stearothermophilus, Recombinant**

Cat. No. NATE-3201

Lot. No. (See product label)

### **Introduction**

#### **Description**

α-Glucosidase (EC 3.2.1.20, maltase, glucoinvertase, glucosidosucrase, maltase-glucoamylase, α-glucopyranosidase, glucosidoinvertase, α-D-glucosidase, α-glucoside hydrolase, α-1,4-glucosidase, α-D-glucoside glucohydrolase; systematic name α-D-glucoside glucohydrolase) is a glucosidase located in the brush border of the small intestine that acts upon α(1→4) bonds.

### **Product Information**

**Species** Bacillus stearothermophilus

**Form** Suspension

**EC Number** EC 3.2.1.20

**CAS No.** 9001-42-7

**Molecular Weight** 66 kDa

**Activity** 60 U/mg

**Unit Definition** One Unit of α-D-glucosidase activity is defined as the amount of enzyme required to release one μmole of p-nitrophenol per minute from 4-nitrophenyl α-D-glucopyranoside (5 mM), in sodium phosphate buffer (100 mM), pH 6.5 at 40°C.

### **Storage and Shipping Information**

**Storage** 2-8°C