

## Native *Aspergillus oryzae* $\beta$ -Galactosidase

Cat. No. DIA-220

Lot. No. (See product label)

### Introduction

**Description**  $\beta$ -galactosidase is a hydrolase enzyme that catalyzes the hydrolysis of  $\beta$ -galactosides into monosaccharides. Substrates of different  $\beta$ -galactosidases include ganglioside GM1, lactosylceramides, lactose, and various glycoproteins.

**Applications**  $\beta$ -Galactosidase was used for reversed-phase (RP) adsorption. It was also used in the hydrolysis of whey lactose.

**Synonyms**  $\beta$ -galactosidase; beta-gal;  $\beta$ -gal; EC 3.2.1.23; lactase;  $\beta$ -lactosidase; maxilact; hydrolact;  $\beta$ -D-lactosidase; S 2107; lactozym; trilactase;  $\beta$ -D-galactanase; oryzatym; sumiklat;  $\beta$ -D-galactoside galactohydrolase

### Product Information

**Source** *Aspergillus oryzae*

**EC Number** EC 3.2.1.23

**CAS No.** 9031-11-2

**Unit Definition** One unit will hydrolyze 1.0  $\mu$ mole of lactose per minute at pH at 4.5 at 30 °C.

### Storage and Shipping Information

**Storage** -20°C