

Native *Aspergillus oryzae* β -Galactosidase

Cat. No. DIA-220

Lot. No. (See product label)

Introduction

Description

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

Applications

β -Galactosidase was used for reversed-phase (RP) adsorption. It was also used in the hydrolysis of whey lactose.

Synonyms

β -galactosidase; beta-gal; β -gal; EC 3.2.1.23; lactase; β -lactosidase; maxilact; hydrolact; β -D-lactosidase; S 2107; lactozym; trilactase; β -D-galactanase; oryzatym; sumiklat; β -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 μ mole of lactose per minute at pH at 4.5 at 30 °C.

Storage and Shipping Information

Storage

–20°C