Creative Enzymes®

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 μmole of lactose per minute at pH at 4.5 at 30 °C.

Storage and Shipping Information

Storage	−20°C