Creative Enzymes®

Isoamylase from Escherichia coli, Recombinant

Cat. No. NATE-1212

Lot. No. (See product label)

Introduction

Description	Isoamylase is an enzyme with system name glycogen 6-alpha-D-glucanohydrolase. This enzyme catalyses the following chemical reaction:Hydrolysis of (1->6)-alpha-D-glucosidic branch linkages in glycogen, amylopectin and their beta-limit dextrins. This enzyme also readily hydrolyses amylopectin.
Synonyms	EC 3.2.1.68; debranching enzyme; glycogen alpha-1,6-glucanohydrolase; isoamylase

Product Information

Source	Escherichia coli str. K-12 substr. W3110
Form	Supplied in 3.2 M ammonium sulphate
EC Number	EC 3.2.1.68
CAS No.	9067-73-6
Molecular Weight	77396.8 Da
Purity	> 95 % as judged by SDS-PAGE

Usage and Packaging

Preparation Instructions	Agitate vial sufficiently to fully homogenise enzyme precipitate before use.

Storage and Shipping Information

Storage	Store at 4°C (shipped at room temperature)