

## 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)