

## cyclomaltodextrin glucanotransferase

Cat. No. EXWM-2416

Lot. No. (See product label)

### Introduction

**Description** Cyclomaltodextrins (Schardinger dextrins) of various sizes (6,7,8, etc. glucose units) are formed reversibly from starch and similar substrates. Will also disproportionate linear maltodextrins without cyclizing (cf. EC 2.4.1.25, 4- $\alpha$ -glucanotransferase).

**Synonyms** Bacillus macerans amylase; cyclodextrin glucanotransferase;  $\alpha$ -cyclodextrin glucanotransferase;  $\alpha$ -cyclodextrin glycosyltransferase;  $\beta$ -cyclodextrin glucanotransferase;  $\beta$ -cyclodextrin glycosyltransferase;  $\gamma$ -cyclodextrin glycosyltransferase; cyclodextrin glycosyltransferase; cyclomaltodextrin glucotransferase; cyclomaltodextrin glycosyltransferase; konchizaimu;  $\alpha$ -1,4-glucan 4-glycosyltransferase, cyclizing; BMA; CGTase; neutral-cyclodextrin glycosyltransferase; 1,4- $\alpha$ -D-glucan 4- $\alpha$ -D-(1,4- $\alpha$ -D-glucano)-transferase (cyclizing)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.1.19

**CAS No.** 9030-09-5

**Reaction** Cyclizes part of a (1 $\rightarrow$ 4)- $\alpha$ -D-glucan chain by formation of a (1 $\rightarrow$ 4)- $\alpha$ -D-glucosidic bond

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.