

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- α -glucanotransferase).

Synonyms

Bacillus macerans amylase; cyclodextrin glucanotransferase; α -cyclodextrin glucanotransferase; α -cyclodextrin glycosyltransferase; β -cyclodextrin glucanotransferase; β -cyclodextrin glycosyltransferase; γ -cyclodextrin glycosyltransferase; cyclodextrin glycosyltransferase; cyclomaltodextrin glucotransferase; cyclomaltodextrin glycosyltransferase; konchizaimu; α -1,4-glucan 4-glycosyltransferase, cyclizing; BMA; CGTase; neutral-cyclodextrin glycosyltransferase; 1,4- α -D-glucan 4- α -D-(1,4- α -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)- α -D-glucan chain by formation of a (1 \rightarrow 4)- α -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.