

Food enzyme cyclomaltodextrin glucanotransferase

1 General information

Submitter Wacker Chemie AG

Commission ID [EFSA-Q-2023-00435](#)

2 Source

Organism [Escherichia coli](#)

GMM Yes

Strain DSM 34229

3 EFSA Applications

- **Enzyme protein** [Cyclomaltodextrin glucanotransferase](#), **cDNA sequence** Not available, **Mass** 69.00 kDa, **Chemical parameters** 655 amino acids, **Question number** EFSA-Q-2023-00435, **EFSA Status** Finished, **Safety evaluation** [Safety evaluation of the food enzyme cyclomaltodextrin glucanotransferase from the genetically modified Escherichia coli K12 strain DSM 34229](#)

4 Manufacturing

Production Fermentation

5 Industrial activity

Intended food use

- Sugar processing

Exposure level The Panel accepted the evidence provided as sufficient to conclude that the residual amounts of food enzyme-TOS in the α -cyclodextrins are negligible (EFSA CEP Panel, 2023). Consequently, dietary exposure was not calculated.



Intended use level 200.0 mg TOS/kg starch

Usage details The food enzyme is intended to be used in the processing of sugars for the production of speciality carbohydrates (α -cyclodextrins).

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