Food enzyme cyclomaltodextrin glucanotransferase

1 General information

Submitter Wacker Chemie AG
Commission ID EFSA-Q-2023-00434

2 Source

Organism Escherichia coli
GMM Yes
Strain DSM 34230

3 EFSA Applications

- **Enzyme protein** Cyclomaltodextrin glucanotransferase, **cDNA sequence** **Not available**, **Mass** **Not available**, **Chemical parameters** 674 amino acids , **Question number** EFSA-Q-2023-00434, **EFSA Status** Finished, **Safety evaluation** Safety evaluation of the food enzyme cyclomaltodextrin glucanotransferase from the genetically modified Escherichia coli K12 strain DSM 34230

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 γ-cyclodextrins are negligible (EFSA CEP Panel, 2021). Consequently, a dietary exposure was not calculated.

Intended use level 365.0 mg TOS/kg starch

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