



Food enzyme glucan 1,4- α -glucosidase

1 General information

Submitter Genencor International B.V.
Commission ID [EFSA-Q-2025-00015](#)

2 Source

Organism [Trichoderma reesei](#)
GMM Yes
Strain DP-Nzh109

3 EFSA Applications

- **Enzyme protein** [Glucan 1,4-alpha-glucosidase](#), **cDNA sequence** Not available, **Mass** Not available, **Chemical parameters** /, **Question number** [EFSA-Q-2025-00015](#), **EFSA Status** Finished, **Safety evaluation** [Safety evaluation of the food enzyme glucan 1,4- \$\alpha\$ -glucosidase from the genetically modified Trichoderma reesei strain DP-Nzh109](#)

4 Manufacturing

Production Fermentation

5 Industrial activity

Intended food use

- Bakery and cereal based products

Exposure level The Panel accepted the evidence provided as sufficient to conclude that the residual amount of food enzyme–TOS in the distilled alcohols and in the glucose syrups and other starch hydrolysates is negligible (EFSA CEP Panel, 2023). Consequently, a dietary exposure was not calculated



Intended use level 272.0 mg TOS/kg RM

Usage details The food enzyme is intended to be used in two food manufacturing processes: Processing of cereals and other grains (Production of glucose syrups and other starch hydrolysates, Production of distilled alcohol)

