Food enzyme mannan endo-1,4-β-mannosidase

1 General information

Submitter Shin Nihon Chemical Co., Ltd
Commission ID EFSA-Q-2023-00242

2 Source

Organism Aspergillus niger
GMM No
Strain ACH 12-525

3 EFSA Applications

- **Enzyme protein** Mannan endo-1,4-β-mannosidase, **cDNA sequence** **Not available**, **Mass** **Not available**, **Chemical parameters** /, **Question number** EFSA-Q-2023-00242, **EFSA Status** Finished, **Safety evaluation** Safety evaluation of the food enzyme mannan endo-1,4-β-mannosidase from the non-genetically modified Aspergillus niger strain ACH 12-525

4 Manufacturing

Production Fermentation

5 Industrial activity

Intended food use

- Fruit and vegetable processing
- Protein processing
- Sugar processing

Exposure level Chronic exposure to the food enzyme–TOS was calculated using the FEIM webtool by combining the maximum recommended use level with individual consumption data (EFSA CEP Panel, 2021). The estimation involved selection of relevant food categories and application of technical conversion factors (EFSA CEP Panel, 2023).
Intended use level 169.0 mg TOS/kg RM
Usage details The food enzyme is intended to be used in three food manufacturing processes: Processing of fruits and vegetables (Production of wine and wine vinegar), Processing of plant-and fungal-derived products (Production of coffee extracts), Processing of sugars (Production of oligosaccharides (manno-oligosaccharides))