

Food enzyme sucrose:sucrose fructosyltransferase

1 General information

Submitter SEQENS

Commission ID [EFSA-Q-2024-00010](#)

2 Source

Organism [Yarrowia lipolytica](#)

GMM Yes

Strain E4772

3 EFSA Applications

- **Enzyme protein** [sucrose:sucrose fructosyltransferase](#), **cDNA sequence** Not available, **Mass** Not available, **Chemical parameters** /, **Question number** EFSA-Q-2024-00010, **EFSA Status** Finished, **Safety evaluation** [Safety evaluation of the food enzyme sucrose:sucrose fructosyltransferase from the genetically modified Yarrowia lipolytica strain E4772](#)

4 Manufacturing

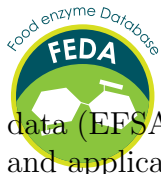
Production Fermentation

5 Industrial activity

Intended food use

- 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 51.4 mg TOS/kg Sucrose syrup

Usage details The food enzyme is intended to be used in the processing of sugars for the production of fructo-oligosaccharides.