



Food enzyme triacylglycerol lipase

1 General information

Submitter AB Enzymes GmbH
Commission ID [EFSA-Q-2023-00529](#)

2 Source

Organism [Trichoderma reesei](#)
GMM Yes
Strain AR-822

3 EFSA Applications

- **Enzyme protein** [Triacylglycerol lipase](#), **cDNA sequence** Not available, **Mass** Not available, **Chemical parameters** /, **Question number** EFSA-Q-2023-00529, **EFSA Status** Finished, **Safety evaluation** [Safety evaluation of the food enzyme triacylglycerol lipase from the genetically modified Trichoderma reesei strain AR-822](#)

4 Manufacturing

Production Fermentation

5 Industrial activity

Intended food use

- Bakery and cereal based products
- Egg processing
- Oils and fats 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 25.3 mg TOS/kg RM

Usage details The food enzyme is intended to be used in five food manufacturing processes : Processing of egg and egg products, Processing of cereals and other grains (Production of baked products, Production of cereal-based products other than baked), Processing of fats and oils (Production of refined edible fats and oils by degumming, Production of modified lecithins).