



Food enzyme Triacylglycerol lipase

1 General information

Submitter Novozymes A/S
Commission ID [2015/82](#)

2 Source

Organism [Aspergillus oryzae](#)
GMM Yes
Strain NZYM-PH

3 EFSA Applications

- **Enzyme protein** [Triacylglycerol lipase](#), **cDNA sequence** Not available, **Mass** Not available, **Chemical parameters** /, **Question number** EFSA-Q-2015-00664, **EFSA Status** Finished, **Safety evaluation** [Safety evaluation of the food enzyme triacylglycerol lipase from the genetically modified Aspergillus oryzae strain NZYM-PH](#)

4 Manufacturing

Production Fermentation

5 Industrial activity

Intended food use

- Bakery and cereal based products
- Beer and cereal based beverages
- Egg processing
- Protein processing



Exposure level Chronic exposure to the food enzyme–TOS was calculated 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 35.8 mg TOS/kg RM

Usage details The food enzyme is intended to be used in six food manufacturing processes: Processing of dairy products (Production of modified milk proteins, Processing of eggs and egg products), Processing of cereals and other grains (Production of baked products, Production of cereal-based products other than baked), Processing of plant-and fungal-derived products (Production of plant-based analogues of milk and milk products, Production of protein hydrolysates from plants and fungi)