Food enzyme phospholipase A1

1 General information

Submitter DSM Food Specialties B.V.
Commission ID EFSA-Q-2025-00643

2 Source

Organism Fusarium commune
GMM No
Strain LFC

3 EFSA Applications

- **Enzyme protein** Phospholipase A1, **cDNA sequence** **Not available**, **Mass** 28.00 kDa, **Chemical parameters** 278 amino acids , **Question number** EFSA-Q-2025-00643, **EFSA Status** Finished, **Safety evaluation** Safety evaluation of the food enzyme phospholipase A1 from the non-genetically modified Fusarium commune strain LFC

4 Manufacturing

Production Fermentation

5 Industrial activity

Intended food use

- Bakery and cereal based products
- Cereal 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 31.0 mg TOS/kg flour
Usage details The food enzyme is intended to be used in two food manufacturing processes : Processing of cereals and other grains (Production of baked products, Production of cereal-based products other than baked)