

Food enzyme lysozyme

1 General information

Submitter E.P.S. S.P.A. Egg Powder Specialists
Commission ID [EFSA-Q-2024-00309](#)

2 Source

Organism [Hens' eggs](#)
GMM No
Strain /

3 EFSA Applications

- **Enzyme protein** [Lysozyme](#), **cDNA sequence** Not available, **Mass** Not available, **Chemical parameters** 129 amino acids , **Question number** EFSA-Q-2024-00309, **EFSA Status** Finished, **Safety evaluation** [Safety evaluation of the food enzyme lysozyme from hens' eggs](#)

4 Manufacturing

Production Extraction

5 Industrial activity

Intended food use

- Beer and cereal based beverages
- Dairy processing (whey processing)
- Fruit and vegetable 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 482.0 mg TOS/kg RM

Usage details The food enzyme is intended to be used in three food manufacturing processes: Processing of dairy products (Production of cheese), Processing of cereals and other grains (Production of brewed products), Processing of fruits and vegetables (Production of wine and wine vinegar)