

Food enzyme pectin lyase

1 General information

Submitter Shin Nihon Chemical Co., Ltd
Commission ID [EFSA-Q-2023-00266](#)

2 Source

Organism [Aspergillus luchuensis](#)
GMM No
Strain LC-07

3 EFSA Applications

- **Enzyme protein** [Pectin lyase](#), **cDNA sequence** Not available, **Mass** Not available, **Chemical parameters** /, **Question number** [EFSA-Q-2023-00266](#), **EFSA Status** Finished, **Safety evaluation** [Safety evaluation of the food enzyme pectin lyase from the non-genetically modified Aspergillus luchuensis strain LC-07](#)

4 Manufacturing

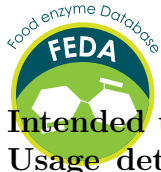
Production Fermentation

5 Industrial activity

Intended food use

- 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 7.2 mg TOS/kg RM

Usage details The food is intended to be used in four food manufacturing processes: Processing of fruits and vegetables (Production of juices, Production of fruit and vegetable products other than juices, Production of distilled alcoholic beverages), Processing of plant- and fungal-derived products (Production of plant extracts)

