

Food enzyme thermolysin

1 General information

Submitter Danisco US Inc.

Commission ID [2015/87](#)

2 Source

Organism [Anoxybacillus caldiproteolyticus](#)

GMM No

Strain DP-Fzj32

3 EFSA Applications

4 Manufacturing

Production Fermentation

5 Industrial activity

Intended food use

- Dairy processing (whey 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 163.0 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 modified milk proteins), Processing of meat and fish products (Production of protein hydrolysates from meat and fish proteins), Processing of plant-and fungal-derived products (Production of protein hydrolysates from plants and fungi)