

Food enzyme arabinan endo-1,5- α -l-arabinanase

1 General information

Submitter Shin Nihon Chemical Co., Ltd
Commission ID [EFSA-Q-2023-00243](#)

2 Source

Organism [Aspergillus tubingensis](#)
GMM No
Strain GPA41

3 EFSA Applications

- **Enzyme protein** [Arabinan endo-1,5-alpha-L-arabinanase](#), **cDNA sequence** Not available, **Mass** Not available, **Chemical parameters** /, **Question number** EFSA-Q-2023-00243, **EFSA Status** Finished, **Safety evaluation** [Safety evaluation of the food enzyme arabinan endo-1,5- \$\alpha\$ -l-arabinanase from the non-genetically modified Aspergillus tubingensis strain GPA41](#)

4 Manufacturing

Production Fermentation

5 Industrial activity

Intended food use

- Fruit and vegetable processing
- Production of wine



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 8.3 mg TOS/kg RM

Usage details The food enzyme 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 wine and wine vinegar, Production of alcoholic beverages other than grape wine)