



Food enzyme α -amylase

1 General information

Submitter Suntaq International Limited
Commission ID [EFSA-Q-2024-00451](#)

2 Source

Organism [Aspergillus sp.](#)
GMM No
Strain AR-SHFA-109

3 EFSA Applications

- **Enzyme protein** [Alpha-amylase](#), **cDNA sequence** Not available, **Mass** Not available, **Chemical parameters** /, **Question number** EFSA-Q-2024-00451, **EFSA Status** Finished, **Safety evaluation** [Safety evaluation of the food enzyme \$\alpha\$ -amylase from the non-genetically modified Aspergillus sp. strain AR-SHFA-109](#)

4 Manufacturing

Production Fermentation

5 Industrial activity

Intended food use

- 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 461.5 mg TOS/kg RM



Usage details The food enzyme is intended to be used in six food manufacturing processes: Processing of cereals and other grains (Production of baked products, Production of cereal based products other than baked, Production of brewed products, Production of glucose syrups and other starch hydrolysates, Production of distilled alcohol), Processing of plant- and fungal-derived products (Production of plant-based analogues of milk and milk products)