

11-13 November 2025

09:15-17:15 / 09:15-17:15 / 09:00-17:15

MINUTES - Agreed on 13 November 2025

**Location:** Teleconference

**Attendees:**

- Panel Members:

José Manuel Barat Baviera, Claudia Bolognesi, Francesco Catania, Gabriele Gadermaier, Ralf Greiner, Baltasar Mayo, Alicja Mortensen, Yrjö Roos, Hendrik van Loveren, Laurence Vernis, Holger Zorn (Chair)

- Hearing Experts<sup>1</sup>:

Not applicable

- Applicants participating in a technical hearing<sup>2</sup>:

Not applicable

- European Commission and/or Member States representatives:

EC: Not applicable

- EFSA:

Food Ingredients and Packaging (FIP) Unit: Jaime Aguilera, Magdalena Andryszkiewicz, Daniele Cavanna, Valeriu-Georghe Curtui, Ana Criado, Cristina Fernández-Fraguas, Ana Gomes, Natalia Kovalkovicova, Yi Liu, Simone Lunardi, Silvia Peluso, Valentina Tokić, Alessandro Manghi, Irene Bonino, Anna Ferrandis Rosell

- Others:

Eleonora Marini participated as ISA (Individual Scientific Advisor) contractor (ref. EOI/EFSA/2022/01-CT 21 FIP) for item 6.5.

## 1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Marize De Lourdes Marzo Solano.

## 2. Adoption of agenda

The agenda was adopted without changes.

## 3. Declarations of Interest of Panel members

In accordance with EFSA's Policy on Independence<sup>3</sup> and the Decision of the Executive Director on Competing Interest Management<sup>4</sup>, EFSA screened the Annual Declarations of Interest filled out by the Panel members invited to the present meeting and the preparatory meetings listed under agenda item "Preparatory meeting/s with Risk Assessment". No conflicts of interest related to the issues discussed in these meetings have been identified during the screening process,

<sup>1</sup> As defined in Article 34 of the document "Implementing Rule of the Management Board of the European Food Safety Authority laying down the rules on the selection, appointment and operations of the Scientific Committee, Scientific Panels and of their Working Groups": <https://www.efsa.europa.eu/sites/default/files/paneloperation.pdf>

<sup>2</sup> As defined in the "EFSA's Catalogue of support initiatives during the life cycle of applications for regulated products": <https://efsa.onlinelibrary.wiley.com/doi/epdf/10.2903/sp.efsa.2021.EN-6472>

<sup>3</sup> [https://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/independence-policy-2024.pdf](https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/independence-policy-2024.pdf)

<sup>4</sup> [https://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/decision-ed-on-competing-interest-management-2024.pdf](https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/decision-ed-on-competing-interest-management-2024.pdf)



and no interests were declared orally by the Panel Committee members at the beginning of these meetings.

## 4. Agreement of the minutes of the 13<sup>th</sup> FEZ Panel Plenary meeting held on 7-9 October 2025, in Parma

The minutes of the 13<sup>th</sup> Panel plenary meeting were agreed by written procedure on 30 October 2025.

## 5. Report on written procedure

Not applicable.

## 6. Scientific output(s) submitted for discussion/adoption

### 6.1 Leucyl aminopeptidase from *R.oryzae* (AE-PER) ([EFSA-Q-2014-00354](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

### 6.2 Extension of use of the food enzyme leucyl aminopeptidase from a non-genetically modified *Rhizopus oryzae* strain AE-PER ([EFSA-Q-2023-00002](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

### 6.3 Cellulase, glucanase and xylanase produced with *Trichoderma reesei* AR-999 strain - data package AB ENZYMES ([EFSA-Q-2023-00194](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

### 6.4 $\beta$ -Glucanase from *Trichoderma reesei* Strain TG-M5-337 - data package Shin Nihon Chemical Co., Ltd ([EFSA-Q-2023-00295](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

### 6.5 Lipase from a genetically modified strain of *Aspergillus oryzae* (NZYM-PH) ([EFSA-Q-2015-00664](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

### 6.6 Prolyl oligopeptidase from a genetically modified *Aspergillus niger* strain NZYM-MR as a new food enzyme ([EFSA-Q-2024-00638](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

### 6.7 Alpha amylase from a non-genetically modified *Aspergillus oryzae* strain CCTCC M2023235 as a new food enzyme ([EFSA-Q-2024-00451](#))

The FEZ Panel discussed and endorsed the draft opinion. The technical dossier is currently under public consultation. The adoption will take place in the future, once EFSA completes the public consultation and addresses comments received.

### 6.8 Endo-1,4- $\beta$ -glucanase from a gentically modified *Trichoderma reesei* strain AR-715 as a new food enzyme ([EFSA-Q-2023-00422](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.



**6.9 Protein-glutaminase from *Chryseobacterium proteolyticum* (AE-PG) ([EFSA-Q-2015-00695](#))**

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

**6.10 Leucyl aminopeptidase, Oryzin, and Aspergillopepsin I from *Aspergillus oryzae* AE-PR - data package Amano Enzyme Inc. ([EFSA-Q-2023-00220](#))**

The FEZ Panel discussed the draft opinion and concluded that additional information is required in order to proceed with the safety assessment of this food enzyme. A request for additional information will be sent to the applicant.

**6.11 Papain from *Carica papaya* - data package Nagase (Europe) GmbH ([EFSA-Q-2023-00226](#))**

The FEZ Panel discussed the draft scientific opinion and considered that additional discussion is needed before finalisation. The draft opinion will be further discussed in another FEZ plenary meeting.

**6.12 Papain enzymatic complex from *Carica papaya* - data package Enzybel International SA ([EFSA-Q-2023-00275](#))**

The FEZ Panel discussed the draft scientific opinion and considered that additional discussion is needed before finalisation. The draft opinion will be further discussed in another FEZ plenary meeting.

**6.13 Papain from *Carica papaya* as a new food enzyme ([EFSA-Q-2023-00441](#))**

The FEZ Panel discussed the draft scientific opinion and considered that additional discussion is needed before finalisation. The draft opinion will be further discussed in another FEZ plenary meeting.

**6.14 Papain from *Carica papaya* ([EFSA-Q-2021-00173](#))**

The FEZ Panel discussed the draft scientific opinion and considered that additional discussion is needed before finalisation. The draft opinion will be further discussed in another FEZ plenary meeting.

**6.15 Glucoamylase from a genetically modified *Aspergillus niger* strain NZYM-EE as a new food enzyme ([EFSA-Q-2024-00220](#))**

Not discussed due to the lack of time.

**6.16 Aspergillopepsin I from a GM strain of *Trichoderma reesei* (strain DP-Nzq40) ([EFSA-Q-2015-00371](#))**

Not discussed due to the lack of time.

**6.17 Protein-glutamine glutaminase from a genetically modified *Komagataella phaffii* as a new food enzyme ([EFSA-Q-2024-00709](#))**

Not discussed due to the lack of time.

**6.18 Protease from *Aspergillus Sojae* strain ACP 112-311 - data package Shin Nihon Chemical Co., Ltd. ([EFSA-Q-2023-00246](#))**

Not discussed due to the lack of time.

**6.19 *Aspergillus niger* strain PLR as a new food enzyme ([EFSA-Q-2024-00206](#))**

Not discussed due to the lack of time.

**6.20 Beta-Fructofuranosidase from *Aspergillus fijiensis* (strain ATCC® 20611™) ([EFSA-Q-2015-00840](#))**

Not discussed due to the lack of time.

**6.21 Acid protease from a non-genetically modified *Aspergillus niger* strain CCTCC M 2023234 as a new food enzyme ([EFSA-Q-2024-00425](#))**

Not discussed due to the lack of time.



**6.22 Fructosyltransferase from a non-genetically modified *Aspergillus oryzae* strain QHT-101 as a new food enzyme ([EFSA-Q-2024-00323](#))**

Not discussed due to the lack of time.

## **7. Feedback from the Scientific Committee/ Scientific Panels/EFSA/ EC**

**9.1 Scientific Committee**

Not applicable.

**9.2 European Commission**

Panel Coordinator updated Panel on the last EC working group meeting held on 4<sup>th</sup> November.

**9.3 Scientific Panel(s) including their Working Groups**

Not applicable.

## **8. Preparatory meeting/s with Risk Assessment**

Since the last 13<sup>th</sup> Plenary meeting, one preparatory meeting chaired by EFSA staff was held as follows:

**8.1 Preparatory meeting on Allergenicity, 5<sup>th</sup> November 14-18h**

**11.1a Attendees:**

o FEZ Panel Members:

Gabriele Gadermaier, Hendrik van Loveren

o EFSA:

Food Ingredients and Packaging (FIP) Unit: Magdalena Andryszkiewicz, Cristina Fernández-Fraguas

**11.1b Discussion points**

**11.1.1 Subtilisin from a genetically modified *Bacillus paralicheniformis* strain APGKY as a new food enzyme ([EFSA-Q-2024-00552](#))**

The involved experts discussed the draft scientific opinion and considered that additional discussion is needed before finalisation. The draft opinion will be further discussed in the upcoming FEZ plenary meeting.

## **9. Next meeting**

The next meeting will be held on 9-10 December 2025, via teleconference.