

6 March 2026

09:00-13:00

MINUTES - Agreed on 6th March 2026

Location: Webconference

Attendees:

- Working Group Members:
Cristina Andreoli, Claudia Bolognesi, Alicja Mortensen, Henk Van Loveren (chair)
- EFSA:
FIP Unit: Ana Criado, Natália Kovalkovičová, Valentina Tokić

I. Welcome and apologies for absence

The Chair welcomed the participants and the new WG member Cristina Andreoli. Apologies were received from WG member Marize de Lourdes Marzo Solano.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No conflicts of interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the Working Group members at the beginning of this meeting.

IV. Scientific topic(s) for discussion

- a. Draft opinion on the food enzyme: Leucyl aminopeptidase, Oryzin, and Aspergillopepsin I from *Aspergillus oryzae* AE-PR - data package Amano Enzyme Inc. Applicant: Amano Enzyme Inc. (EFSA-Q-2023-00220)**

The WG discussed the draft scientific opinion and specifically assessed data related to toxicology. After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

¹ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/independence-policy-2024.pdf

² https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/decision-ed-on-competing-interest-management-2024.pdf



b. Draft opinion on the food enzyme: Pectin esterase produced by a non-genetically strain of *Aspergillus luchuensis* - data package Solyve. Applicant: Solyve ([EFSA-Q-2023-00222](#))

The WG discussed the draft scientific opinion and specifically assessed data related to toxicology. After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

c. Draft opinion on the food enzyme: Pectinase produced by *Aspergillus niger* CCTCC 2023236 - data package Suntaq International Limited. Applicant: Suntaq International Limited ([EFSA-Q-2023-00227](#))

The WG discussed the draft scientific opinion and specifically assessed data related to toxicology. After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

d. Draft opinion on the food enzyme: Pectinase from *Aspergillus tubingensis* strain ARS R7-60 - data package Shin Nihon Chemical Co., Ltd. Applicant: Shin Nihon Chemical Co., Ltd. ([EFSA-Q-2023-00245](#))

The WG discussed the draft scientific opinion and specifically assessed data related to toxicology. After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

e. Draft opinion on the food enzyme: Pectinase from *Aspergillus luchuensis* strain LC-07 - data package Shin Nihon Chemical Co., Ltd. Applicant: Shin Nihon Chemical Co., Ltd. ([EFSA-Q-2023-00266](#))

The WG discussed the draft scientific opinion and specifically assessed data related to toxicology. After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

f. Draft opinion on the food enzyme glucoamylase from *Aspergillus niger* strain - data package DSM. Applicant: DSM ([EFSA-Q-2023-00239](#))

The WG discussed the draft scientific opinion and specifically assessed data related to toxicology. After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

g. Draft opinion on endo 1,4-beta-xylanase from a genetically modified *Trichoderma reesei* strain DP-Nzd66 as a new food enzyme. Applicant: Genencor International B.V. ([EFSA-Q-2023-00653](#))

The WG discussed the draft scientific opinion and specifically assessed data related to toxicology. After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.



h. Draft opinion on the food enzyme: Cellulase and endo-1,3(4)-beta-glucanase from *Trichoderma reesei* 480KY - data package Kerry Ingredients & Flavours Ltd. Applicant: Kerry Ingredients & Flavours Ltd. ([EFSA-Q-2023-00263](#))

The WG discussed the draft scientific opinion and specifically assessed data related to toxicology. After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

V. Next meeting

The next meeting will be held on 10 April 2026, via web conference..

SCIENTIFIC PANEL ON FOOD ENZYMES (FEZ)

5th Working Group meeting on Toxicology

29 January 2026

09:00-13:00

MINUTES - Agreed on 29 January 2026



Location: EFSA - Webconference

Attendees:

- Working Group Members:
Claudia Bolognesi, Alicja Mortensen, Marize de Lourdes Marzo Solano, Henk Van Loveren (chair)
- Hearing Experts¹:
Not Applicable
- Applicants participating in a technical hearing²:
Not Applicable
- European Commission and/or Member States representatives:
Not applicable
- EFSA:
FIP Unit: Ana Criado, Natália Kovalkovičová, Valentina Tokić
- Others:
Not applicable

I. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Alicja Mortensen, Marize de Lourdes Marzo Solano.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence³ and the Decision of the Executive Director on Competing Interest Management⁴, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No conflicts of interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the Working Group members at the beginning of this meeting.

¹ 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>

² 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>

³ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/independence-policy-2024.pdf

⁴ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/decision-ed-on-competing-interest-management-2024.pdf



IV. Agreement of the minutes of the 4th Working Group meeting held on 5 December 2025, via web-conference

The minutes of the 4th Working Group meeting were agreed by written procedure on 8 December 2025.

V. Feedback from the 15th Panel plenary meeting

The working group was informed that 8 opinions were adopted at the last 15th Panel plenary meeting.

VI. Scientific topics for discussion

- a. Draft opinion on serine protease (with trypsin specificity) from a genetically modified strain of *Fusarium venenatum* (NZYM-FG). Applicant: Novozymes A/S ([EFSA-Q-2014-00412](#))**

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 16th plenary meeting on 3–4 February 2026 for further discussion and possible adoption.

- b. Draft opinion on acid prolyl endopeptidase from a genetically modified strain of *A. niger* (GEP). Applicant: DSM Food Specialties B.V. ([EFSA-Q-2014-00852](#); [EFSA-Q-2021-00423](#))**

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 16th plenary meeting on 3–4 February 2026 for further discussion and possible adoption.

- c. Draft opinion on ribonuclease P from a non-genetically modified *Penicillium citrinum* strain AE-RPE as a new food enzyme. Applicant: Amano Enzyme Inc. ([EFSA-Q-2023-00877](#))**

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 16th plenary meeting on 3–4 February 2026 for further discussion and possible adoption.

- d. Draft opinion on xylanase from *Trichoderma citrinoviride*. Applicant: Advanced Enzyme Technologies Ltd ([EFSA-Q-2014-00543](#))**

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 16th plenary meeting on 3–4 February 2026 for further discussion and possible adoption.



e. Draft opinion on xylanase (IUBMB 3.2.1.8) produced by non-genetically modified strain of *Aspergillus tubingensis* - data package Solyve. Applicant: Solyve ([EFSA-Q-2023-00230](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 16th plenary meeting on 3–4 February 2026 for further discussion and possible adoption.

f. Draft opinion on β -glucanase (IUBMB 3.2.1.6) produced by non-genetically modified strain of *Aspergillus tubingensis* - data package Solyve. Applicant: Solyve ([EFSA-Q-2023-00235](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 16th plenary meeting on 3–4 February 2026 for further discussion and possible adoption.

g. Draft opinion on polygalacturonase and pectin lyase produced by *A. luchuensis* - data package Novozymes. Applicant: Novozymes A/S ([EFSA-Q-2022-00536](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

The WG considered that additional information is needed from the applicant in order to proceed with the scientific assessment of this application. Therefore, a request for additional information will be sent to the applicant.

h. Draft opinion on glucanase, xylanase and cellulase from *Rasamsonia emersonii* FBG - data package DSM. Applicant: DSM ([EFSA-Q-2021-00646](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

The WG considered that additional information is needed from the applicant in order to proceed with the scientific assessment of this application. Therefore, a request for additional information will be sent to the applicant.

VII. Next meeting

The next meeting will be held on 6 March 2026, via web conference.

SCIENTIFIC PANEL ON FOOD ENZYMES (FEZ) 4th Working Group meeting on Toxicology

5 December 2025

14:00-18:00

MINUTES - Agreed on 18th December 2025



Location: EFSA - Webconference

Attendees:

- Working Group Members:
Claudia Bolognesi, Alicja Mortensen, Henk Van Loveren (chair)
- Hearing Experts¹:
Not Applicable
- Applicants participating in a technical hearing²:
Not Applicable
- European Commission and/or Member States representatives:
Not applicable
- EFSA:
FIP Unit: Ana Criado, Natália Kovalkovičová, Valentina Tokić
- Others:
Not applicable

I. Welcome and apologies for absence

The Chair welcomed the participants.
Apologies were received from Marize de Lourdes Marzo Solano.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence³ and the Decision of the Executive Director on Competing Interest Management⁴, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No conflicts of interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the Working Group members at the beginning of this meeting.

¹ 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>

² 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>

³ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/independence-policy-2024.pdf

⁴ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/decision-ed-on-competing-interest-management-2024.pdf



IV. Agreement of the minutes of the 3rd Working Group meeting held on 31 October 2025, via web-conference

The minutes of the 3rd Working Group meeting were agreed by written procedure on 31 October 2025.

V. Feedback from the 14th Panel plenary meeting

The working group was informed that 8 opinions were adopted at the last 14th Panel plenary meeting.

VI. Scientific topics for discussion

- a. Draft opinion on acid protease from a non-genetically modified *Aspergillus niger* strain CCTCC M 2023234 as a new food enzyme. Applicant: SUNTAQ INTERNATIONAL LIMITED ([EFSA-Q-2024-00425](#))**

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 15th plenary meeting on 9–10 December 2025 for further discussion and possible adoption.

- b. Draft opinion on beta-fructofuranosidase from *Aspergillus fijiensis* (strain ATCC® 20611™). Applicant: Beghin Meiji ([EFSA-Q-2015-00840](#))**

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 15th plenary meeting on 9–10 December 2025 for further discussion and possible adoption.

- c. Draft opinion on lipase from a genetically modified *Trichoderma reesei* strain AR-822 as a new food enzyme. Applicant: AB Enzymes GmbH ([EFSA-Q-2023-00529](#))**

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 15th plenary meeting on 9–10 December 2025 for further discussion and possible adoption.

- d. Draft opinion on protein-glutamine glutaminase from a genetically modified *Komagataella phaffii* as a new food enzyme. Applicant: CYGYC BIOCON S.L. ([EFSA-Q-2024-00709](#))**

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next WG meeting for further discussion.



e. Draft opinion on the food enzyme: glucanase, xylanase and cellulase from *Rasamsonia emersonii* FBG - data package DSM. Applicant: DSM Food Specialties B.V. ([EFSA-Q-2021-00646](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 16th plenary meeting on 3–4 February 2026 for further discussion and possible adoption.

f. Draft opinion on one food enzyme: Serine protease (with trypsin specificity) from a genetically modified strain of *Fusarium venenatum* (NZYM-FG). Applicant: Novozymes A/S ([EFSA-Q-2014-00412](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next WG meeting for further discussion.

VII. Next meeting

The next meeting will be held on 29 January 2026, via web conference.

SCIENTIFIC PANEL ON FOOD ENZYMES (FEZ)

3rd Working Group meeting on Toxicology



31 October 2025
08:15-15:15
MINUTES - Agreed on 31 October 2025

Location: EFSA - Webconference

Attendees:

- Working Group Members:
Claudia Bolognesi, Alicja Mortensen, Henk Van Loveren (chair)
- Hearing Experts¹:
Not Applicable
- Applicants participating in a technical hearing²:
Not Applicable
- European Commission and/or Member States representatives:
Not applicable
- EFSA:
FIP Unit: Ana Criado, Natália Kovalkovičová, Valentina Tokić
- Others:
Not applicable

I. Welcome and apologies for absence

The Chair welcomed the participants.
Apologies were received from Marize de Lourdes Marzo Solano.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence³ and the Decision of the Executive Director on Competing Interest Management⁴, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No conflicts of interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the Working Group members at the beginning of this meeting.

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<https://efsa.onlinelibrary.wiley.com/doi/epdf/10.2903/sp.efsa.2021.EN-6472>

³ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/independence-policy-2024.pdf

⁴ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/decision-ed-on-competing-interest-management-2024.pdf



IV. Agreement of the minutes of the 2nd Working Group meeting held on 26 September 2025, via web-conference

The minutes of the 2nd Working Group meeting were agreed by written procedure on 2 October 2025.

V. Feedback from the 13th Panel plenary meeting

The working group was informed that 11 opinions were adopted at the last 13th Panel plenary meeting.

VI. Scientific topics for discussion

a. Draft opinion on a food enzyme: leucyl aminopeptidase from *R. oryzae* (AE-PER). Applicant: Amano Enzyme Inc. ([EFSA-Q-2014-00354](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 14th plenary meeting on 11–13 November 2025 for further discussion and possible adoption.

b. Draft opinion on the food enzyme: cellulase, glucanase and xylanase produced with *Trichoderma reesei* AR-999 strain - data package. Applicant: AB ENZYMES ([EFSA-Q-2023-00194](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 14th plenary meeting on 11–13 November 2025 for further discussion and possible adoption.

c. Draft opinion on the food enzyme: β -glucanase from *Trichoderma reesei* strain TG-M5-337 - data package. Applicant: Shin Nihon Chemical Co., Ltd ([EFSA-Q-2023-00295](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 14th plenary meeting on 11–13 November 2025 for further discussion and possible adoption.

d. Draft opinion on the food enzyme: lipase from a genetically modified strain of *Aspergillus oryzae* (NZYM-PH). Applicant: Novozymes A/S ([EFSA-Q-2015-00664](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 14th plenary meeting on 11–13 November 2025 for further discussion and possible adoption.



e. Draft opinion on prolyl oligopeptidase from a genetically modified *Aspergillus niger* strain NZYM-MR as a new food enzyme. Applicant: Novozymes A/S ([EFSA-Q-2024-00638](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 14th plenary meeting on 11–13 November 2025 for further discussion and possible adoption.

f. Draft opinion on alpha amylase from a non-genetically modified *Aspergillus oryzae* strain CCTCC M2023235 as a new food enzyme. Applicant: SUNTAQ INTERNATIONAL LIMITED ([EFSA-Q-2024-00451](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 14th plenary meeting on 11–13 November 2025 for further discussion and possible adoption.

g. Draft opinion on endo-1,4- β -glucanase from a genetically modified *Trichoderma reesei* strain AR-715 as a new food enzyme. Applicant: AB Enzymes GmbH ([EFSA-Q-2023-00422](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 14th plenary meeting on 11–13 November 2025 for further discussion and possible adoption.

h. Draft opinion on the food enzyme: protein-glutaminase from *Chryseobacterium proteolyticum* (AE-PG). Applicant: Amano Enzyme Inc. ([EFSA-Q-2015-00695](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 14th plenary meeting on 11–13 November 2025 for further discussion and possible adoption.

i. Draft opinion on the food enzyme: leucyl aminopeptidase, oryzin, and aspergillopepsin I from *Aspergillus oryzae* AE-PR - data package. Applicant: Amano Enzyme Inc. ([EFSA-Q-2023-00220](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 14th plenary meeting on 11–13 November 2025 for further discussion and possible adoption.

VII. Any Other Business

Calendar of the WG meetings in 2026.



VIII. Next meeting

The next meeting will be held on 5 December 2025, via web conference.

26 September 2025
09:00-13:00
MINUTES - Agreed on 2nd October 2025

Location: EFSA - Webconference

Attendees:

- Working Group Members:
Claudia Bolognesi, Alicja Mortensen, Henk Van Loveren (chair)
- Hearing Experts¹:
Not Applicable
- Applicants participating in a technical hearing²:
Not Applicable
- European Commission and/or Member States representatives:
Not applicable
- EFSA:
FIP Unit: Ana Criado, Natália Kovalkovičová, Yi Liu, Valentina Tokić
- Others:
Not applicable

I. Welcome and apologies for absence

The Chair welcomed the participants.
Apologies were received from Marize de Lourdes Marzo Solano.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence³ and the Decision of the Executive Director on Competing Interest Management⁴, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No conflicts of interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the Working Group members at the beginning of this meeting.

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³ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/independence-policy-2024.pdf

⁴ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/decision-ed-on-competing-interest-management-2024.pdf



IV. Agreement of the minutes of the 1st Working Group meeting held on 8 September 2025, via web-conference

The minutes of the 1st Working Group meeting were agreed on 8 September 2025.

V. Feedback from the 12th Panel plenary meeting

The working group was informed that 12 opinions were adopted at the last 12th Panel plenary meeting.

VI. Scientific topics for discussion

a. Draft opinion on follow-up opinion linked to EFSA-Q-2015-00683 - AMP deaminase from a non-genetically modified *Streptomyces murinus* strain AE-DNTS. Applicant: Amano Enzyme Inc. ([EFSA-Q-2023-00559](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 13th plenary meeting on 7–9 October 2025 for further discussion and possible adoption.

b. Draft opinion on cellulase from a genetically modified *Aspergillus niger* strain NZYM-EN. Applicant: Novozymes A/S ([EFSA-Q-2024-00645](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 13th plenary meeting on 7–9 October 2025 for further discussion and possible adoption.

c. Draft opinion on cellulase from *Aspergillus niger*. Applicant: data package HBI Enzymes Inc. ([EFSA-Q-2022-00518](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 13th plenary meeting on 7–9 October 2025 for further discussion and possible adoption.

d. Draft opinion on glucoamylase from a genetically modified *Aspergillus niger* strain NZYM-DM. Applicant: Novozymes A/S ([EFSA-Q-2024-00221](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 13th plenary meeting on 7–9 October 2025 for further discussion and possible adoption.



e. Draft opinion on endo-1,4-beta-xylanase from *Aspergillus luchuensis* DP-Azd103. Applicant: data package Genencor International B.V. ([EFSA-Q-2023-00225](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 13th plenary meeting on 7–9 October 2025 for further discussion and possible adoption.

f. Draft opinion on papain from *Carica papaya*. Applicant: data package Nagase (Europe) GmbH ([EFSA-Q-2023-00226](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 13th plenary meeting on 7–9 October 2025 for further discussion and possible adoption.

g. Draft opinion on papain enzymatic complex from *Carica papaya*. Applicant: data package Enzybel International SA ([EFSA-Q-2023-00275](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 13th plenary meeting on 7–9 October 2025 for further discussion and possible adoption.

VII. Next meeting

The next meeting will be held on 31 October 2025, via web conference.

SCIENTIFIC PANEL ON FOOD ENZYMES (FEZ)

1st Working Group meeting on Toxicology

8 September 2025

14:00-18:00

MINUTES - Agreed on 8th September 2025



Location: EFSA - Webconference

Attendees:

- Working Group Members:
Claudia Bolognesi, Alicja Mortensen, Henk Van Loveren (chair)
- Hearing Experts¹:
Not Applicable
- Applicants participating in a technical hearing²:
Not Applicable
- European Commission and/or Member States representatives:
Not applicable
- EFSA:
FIP Unit: Ana Criado, Natália Kovalkovičová, Valentina Tokić
- Others:
Not applicable

I. Welcome and apologies for absence

The Chair welcomed the participants.
Apologies were received from Marize de Lourdes Marzo Solano.
The agenda was adopted without changes.

II. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence³ and the Decision of the Executive Director on Competing Interest Management⁴, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No conflicts of interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the Working Group members at the beginning of this meeting.

III. Feedback from the 11th Panel plenary meeting

¹ 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>

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³ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/independence-policy-2024.pdf

⁴ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/decision-ed-on-competing-interest-management-2024.pdf



The working group was informed that 9 opinions were adopted at the last 11th Panel plenary meeting.

IV. Scientific topics for discussion

a. Draft opinion on updated safety evaluation of phospholipase A2 from a genetically modified *Trichoderma reesei* strain RF8793. Applicant: AB Enzymes GmbH ([EFSA-Q-2023-00574](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 12th plenary meeting on 11–12 September 2025 for further discussion and possible adoption.

b. Draft opinion on chymosin from a genetically modified *Trichoderma reesei* strain DP-Nyj88. Applicant: Genencor International B.V. ([EFSA-Q-2023-00907](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 12th plenary meeting on 11–12 September 2025 for further discussion and possible adoption.

c. Draft opinion on serine endopeptidase from a genetically modified *Trichoderma reesei* strain AR-201. Applicant: AB Enzymes GmbH, AB Enzymes GmbH ([EFSA-Q-2023-00367](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 12th plenary meeting on 11–12 September 2025 for further discussion and possible adoption.

d. Draft opinion on cellulase from *Aspergillus niger* strain AC 4-984. Applicant: Shin Nihon Chemical Co., Ltd. ([EFSA-Q-2023-00240](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 12th plenary meeting on 11–12 September 2025 for further discussion and possible adoption.

e. Draft opinion on cellulase from *Aspergillus niger* strain ACH 12-525. Applicant: Shin Nihon Chemical Co., Ltd. ([EFSA-Q-2023-00242](#))

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 12th plenary meeting on 11–12 September 2025 for further discussion and possible adoption.

f. Draft opinion on invertase and exo-beta-glucosidase from *Aspergillus niger* strain IN 319. Applicant: Shin Nihon Chemical Co., Ltd. ([EFSA-Q-2016-00577](#))



The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.
After amendments, the draft opinion will be presented at the next 12th plenary meeting on 11–12 September 2025 for further discussion and possible adoption.

g. Draft opinion on alpha-galactosidase from *Aspergillus niger* strain AGS614. Applicant: Shin Nihon Chemical Co., Ltd. (EFSA-Q-2016-00578)

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

The WG considered that additional information is needed from the applicant in order to proceed with the scientific assessment of this application. Therefore, a request for additional information will be sent to the applicant.

h. Draft opinion on arabanase produced by non-genetically modified *Aspergillus aculeatinus* strain CBS 148915. Applicant: Soufflet Biotechnologies (EFSA-Q-2023-00241)

The WG discussed the draft scientific opinion, and in particular assessed data regarding food enzyme toxicology.

After amendments, the draft opinion will be presented at the next 12th plenary meeting on 11–12 September 2025 for further discussion and possible adoption.

V. Next meeting

The next meeting will be held on 26 September 2025, via web conference.
