

19-20 May 2026

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

MINUTES - Agreed on 20 May 2026

Location: Teleconference

Attendees:

o 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)

o Hearing Experts¹:

Eleonora Marini participated as ISA (Individual Scientific Advisor) contractor (ref. EOI/EFSA/2022/01 – CT 45 FIP)

o European Commission and/or Member States representatives:

EC: Dimitra Papadimitriou, Jiri Sochor

o 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

1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Marize De Lourdes Marzo Solano for both days and from Francesco Catania from 15:45 to 17:15 on the 19th May.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Panel members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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 matters discussed in these meetings were identified during the screening process, and no interests were declared orally by the Panel members at the beginning of these meetings.

4. Agreement of the minutes of the 18th FEZ Panel Plenary meeting held on 14-15 April 2026.

The minutes of the 18th Panel plenary meeting were agreed on 15 April 2026.

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

³ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/decision-ed-on-competing-interest-management-2024.pdf



5. Scientific outputs submitted for discussion/adoption

5.1 Draft opinion on the food enzyme beta-glucosidase from a genetically modified *Trichoderma reesei* strain DP-Nyk114 as a new food enzyme ([EFSA-Q-2025-00235](#))

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.

5.2 Draft opinion on the food enzyme protease From *Aspergillus sojae* Strain FL 72-230 - data package Shin Nihon Chemical Co., Ltd. ([EFSA-Q-2023-00248](#))

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.

5.3 Draft opinion on the follow-up opinion linked to EFSA-Q-2016-00532 - Catalase from a non-genetically modified *Aspergillus niger* strain CTS2093 ([EFSA-Q-2025-00165](#))

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.

5.4 Draft opinion on the food enzyme glucanase, xylanase and cellulase from *Rasamsonia emersonii* FBG - data package DSM ([EFSA-Q-2021-00646](#))

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.

5.5 Draft opinion on the food enzyme thermolysin from *Geobacillus caldoproteolyticus* (DP-Fzj32) ([EFSA-Q-2015-00682](#))

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.

5.6 Draft opinion on the food enzyme glucan 1,4- α -glucosidase from *Aspergillus niger* AE-GN - data package Amano Enzyme Inc. ([EFSA-Q-2023-00223](#))

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.

5.7 Draft opinion on the extension of use of the food enzyme beta-galactosidase from a genetically modified *Bacillus licheniformis* strain NZYM-BT ([EFSA-Q-2025-00237](#))

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.

5.8 Draft opinion on the food enzyme dextransucrase from a genetically modified *Bacillus subtilis* strain DP-Eyp97 as a new food enzyme ([EFSA-Q-2024-00208](#))

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.

5.9 Draft opinion on the food enzyme subtilisin from a genetically modified *Bacillus licheniformis* strain NZYM-PD as a new food enzyme ([EFSA-Q-2025-00016](#))

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.

5.10 Draft opinion on the food enzyme bacillolysin from *Bacillus amyloliquefaciens* - data package HBI Enzymes Inc. ([EFSA-Q-2022-00517](#))

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.



5.11 Draft opinion on the food enzyme triacylglycerol lipase from a non-genetically modified *Burkholderia stagnalis* strain PL266-QLM as a new food enzyme (EFSA-Q-2024-00084)

Not discussed due to the lack of time.

5.12 Draft opinion on the extension of use of the food enzyme glucan 1,4- α -maltohydrolase from a genetically modified *Bacillus licheniformis* strain NZYM-CY (EFSA-Q-2025-00567)

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.

5.13 Draft opinion on the extension of use of the food enzyme glucan 1,4- α -maltohydrolase from a genetically modified *Bacillus licheniformis* strain NZYM-FR (EFSA-Q-2025-00569)

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.

5.14 Draft opinion on the extension of use of the food enzyme xylanase from a genetically modified *Aspergillus oryzae* strain NZYM-FB (EFSA-Q-2025-00573)

Not discussed due to the lack of time.

5.15 Draft opinion on the extension of use of the food enzyme endo-1,3(4)-beta-glucanase from a non-genetically modified *Rasamsonia composticola* strain 427-FS (EFSA-Q-2025-00534)

Not discussed due to the lack of time.

5.16 Draft opinion on the extension of use of the food enzyme containing cellulase, glucanase and xylanase from a non-genetically modified *Trichoderma reesei* strain AR-256 (EFSA-Q-2025-00519)

Not discussed due to the lack of time.

5.17 Draft opinion on the extension of use of the food enzyme endo-1,4-beta-xylanase from a genetically modified *Trichoderma reesei* strain NZYM-ER (EFSA-Q-2025-00644)

Not discussed due to the lack of time.

5.18 Draft opinion on the extension of use of the food enzyme phospholipase A1 from a genetically modified *Aspergillus niger* strain NZYM-FP (EFSA-Q-2025-00639)

Not discussed due to the lack of time.

5.19 Draft opinion on the extension of use of the food enzyme phospholipase A1 from a genetically modified *Aspergillus oryzae* strain NZYM-PP (EFSA-Q-2025-00640)

Not discussed due to the lack of time.

6. Update on new Mandates

None.



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

7.1 Scientific Committee

Chair of the Panel updated participants on 130th Scientific Committee Plenary.

7.2 European Commission

None.

7.3 Scientific Panel(s) including their Working Groups

None.

8. Preparatory meeting with Risk Assessment

Since the last 18th Plenary meeting, preparatory meeting chaired by EFSA staff was held as follows:

8.1 Preparatory meeting on Dietary Exposure, 28-29 April

8.1.1 Attendees:

- Panel members: Ralf Greiner, Yrjö Roos, Holger Zorn, José Manuel Barat Baviera
- EFSA:
Food Ingredients and Packaging (FIP) Unit: Daniele Cavanna, Yi Liu, Valentina Tokić, Alessandro Manghi, Irene Bonino, Anna Ferrandis Rosell

8.1.2 Discussion points

a. Draft opinion on the extension of use of the food enzyme alpha-amylase from a non-genetically modified *Aspergillus oryzae* strain NZYM-NA ([EFSA-Q-2025-00571](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

b. Draft opinion on the extension of use of the food enzyme alpha-amylase from a genetically modified *Aspergillus niger* strain NZYM-SB ([EFSA-Q-2025-00647](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

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 extension of use of the food enzyme alpha-amylase from a non-genetically modified *Bacillus amyloliquefaciens* strain LMG-S 32676 ([EFSA-Q-2025-00533](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

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 extension of use of the food enzyme alpha-amylase from a genetically modified *Bacillus licheniformis* strain NZYM-AC ([EFSA-Q-2025-00565](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

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 extension of use of the food enzyme alpha-amylase from a genetically modified *Bacillus licheniformis* strain NZYM-AC ([EFSA-Q-2025-00566](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

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 extension of use of the food enzyme alpha-amylase from a genetically modified *Aspergillus niger* strain NZYM-MC ([EFSA-Q-2025-00683](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

g. Draft opinion on the extension of use of the food enzyme phospholipase A1 from a genetically modified *Aspergillus niger* strain NZYM-FP ([EFSA-Q-2025-00639](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

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 extension of use of the food enzyme phospholipase A1 from a genetically modified *Aspergillus oryzae* strain NZYM-PP ([EFSA-Q-2025-00640](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

i. Draft opinion on the extension of use of the food enzyme xylanase from a genetically modified *Aspergillus oryzae* strain NZYM-FB ([EFSA-Q-2025-00573](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

j. Draft opinion on the extension of use of the food enzyme endo-1,3(4)-beta-glucanase from a non-genetically modified *Rasamsonia composticola* strain 427-FS ([EFSA-Q-2025-00534](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

k. Draft opinion on the extension of use of the food enzyme endo-1,4-beta-xylanase from a genetically modified *Trichoderma reesei* strain NZYM-ER ([EFSA-Q-2025-00644](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

l. Draft opinion on the extension of use of the food enzyme containing cellulase, glucanase and xylanase from a non-genetically modified *Trichoderma reesei* strain AR-999 ([EFSA-Q-2025-00583](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

m. Draft opinion on the extension of use of the food enzyme containing cellulase, glucanase and xylanase from a non-genetically modified *Trichoderma reesei* strain AR-256 ([EFSA-Q-2025-00519](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.



n. Draft opinion on the extension of use of the food enzyme cellulase from a non-genetically modified *Aspergillus niger* strain 294 ([EFSA-Q-2025-00536](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

o. Draft opinion on the extension of use of the food enzyme leucyl aminopeptidase from a genetically modified *Aspergillus oryzae* strain NZYM-BU ([EFSA-Q-2025-00586](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

p. Draft opinion on the extension of use of the food enzyme thermolysin from a non-genetically modified *Anoxybacillus caldiproteolyticus* strain AE-TP ([EFSA-Q-2025-00645](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

q. Draft opinion on the extension of use of the food enzyme carboxypeptidase D from a genetically modified *Aspergillus oryzae* strain NZYM-MK ([EFSA-Q-2025-00623](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

r. Draft opinion on the extension of use of the food enzyme bacillolysin from a non-genetically modified *Bacillus amyloliquefaciens* strain HPN 131 ([EFSA-Q-2025-00535](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

s. Draft opinion on the extension of use of the food enzyme chymotrypsin from a genetically modified *Bacillus licheniformis* strain NZYM-RH ([EFSA-Q-2025-00665](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

t. Draft opinion on the extension of use of the food enzyme glucose oxidase from a genetically modified *Aspergillus oryzae* strain NZYM-KP ([EFSA-Q-2025-00587](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

u. Draft opinion on the extension of use of the food enzyme alpha-galactosidase from a genetically modified *Saccharomyces cerevisiae* strain CBS 615.94 ([EFSA-Q-2025-00605](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.

After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

w. Draft opinion on the extension of use of the food enzyme pullulanase from a genetically modified *Bacillus licheniformis* strain NZYM-LU ([EFSA-Q-2025-00700](#))

The WG discussed the draft scientific opinion, and in particular assessed dietary exposure.



After amendments, the draft opinion will be presented at the next available plenary meeting for further discussion and possible adoption.

9. Any other business

- 9.1** The involved experts 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 for the following food enzyme dossiers:
- Cellulase, beta-glucosidase and cellobiohydrolase 1 from a genetically modified *Trichoderma reesei* strain NZYM-DY as a new food enzyme ([EFSA-Q-2025-00593](#))
 - Mannanase from *Aspergillus niger* - data package HBI Enzymes Inc. ([EFSA-Q-2022-00519](#))
- 9.2** The Panel was updated on the online info-session regarding the review of 90-day toxicity studies in food enzyme risk assessment, which was held on 18 May.

10. Next meeting

The next meeting will be held on 16-18 June 2026, in Parma/EFSA.