

SCIENTIFIC PANEL ON FOOD ENZYMES (FEZ) 2nd FEZ Panel meeting



18-19 September 2024
09:15-17:15 / 09:15-17:15
MINUTES (Agreed on 19/09/2024)

Location: Teleconference

Attendees:

- FEZ Panel Members:
José Manuel Barat Baviera , Claudia Bolognesi, Francesco Catania, Gabriele Gadermaier, Ralf Greiner, Baltasar Mayo, Alicja Mortensen, Yrjö Roos, Marize De Lourdes Marzo Solano, Monika Sramkova, Hendrik van Loveren, Laurence Vernis, Holger Zorn
- European Commission:
Catherine Evrevin
- Hearing Experts (item 6.10 under grant GP/EFSA/FIP/2022/01):
Annette Bernhard, Anne-Katrine Lundebye, Ulrike Mayerhofer
- EFSA:
Food Ingredients and Packaging (FIP) Unit: Jaime Aguilera, Magdalena Andryszkiewicz, Laura Cabo Sanmartin, Daniele Cavanna, Valeriu-Georghe Curtui, Ana Criado, Roos Anna de Nijs, Cristina Fernández-Fraguas, Natalia Kovalkovicova, Yi Liu, Simone Lunardi, Eleonora Marini, Silvia Peluso, Valentina Tokic.

1. Welcome and apologies for absence

The chair welcomed the participants.
No apologies were received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Panel 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 Panel 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 members at the beginning of this meeting.

4. Agreement of the minutes of the 1st FEZ Panel meeting held on 02-04 July 2024 in Parma

The minutes of the 1st FEZ Panel meeting were agreed by written procedure on 15 July 2024.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



5. Report on written procedure

Not applicable

6. Scientific outputs submitted for discussion and possible adoption

6.1 β -Fructofuranosidase from the non-genetically modified *Saccharomyces cerevisiae* strain CNCM I-3399 ([EFSA-Q-2022-00627](#))

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.

6.2 Endo-1,3(4)-beta-glucanase from *Talaromyces versatilis* (strain PF8) ([EFSA-Q-2015-00663](#))

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 Aspergillus nuclease S1 from *Penicillium citrinum* (strain NP-11-15) ([EFSA-Q-2015-00845](#))

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 Triacylglycerol lipase from *Aspergillus niger* (strain NL 151) ([EFSA-Q-2016-00654](#))

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 Protease from a genetically modified *Bacillus subtilis* strain LMG S-25520 ([EFSA-Q-2023-00303](#))

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.

6.6 Carboxypeptidase C from the genetically modified *Aspergillus niger* strain PEG ([EFSA-Q-2015-00445](#) / [EFSA-Q-2021-00315](#))

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 Extension of use of the food enzyme containing polygalacturonase, pectin esterase, pectin lyase and arabinofuranosidase activities from a non-genetically modified *Aspergillus niger* strain PEC ([EFSA-Q-2023-00658](#))

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.

6.8 Extension of use of the food enzyme β -glucosidase from the non-genetically modified *Penicillium multicolor* strain AE-GLY ([EFSA-Q-2023-00382](#))

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 Follow-up opinion linked to EFSA-Q-2014-00411 - Phospholipase A2 from a genetically modified *Trichoderma Reesei* strain RF8793 ([EFSA-Q-2023-00574](#))



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.

6.10 Alternansucrase from a genetically modified *Escherichia Coli* strain EBASSC (EFSA-Q-2023-00555)

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 Endo-1,4- β -xylanase from a genetically modified *Aspergillus niger* strain XYL (EFSA-Q-2023-00522)

Not discussed due to lack of time.

6.12 Alpha-amylase from *B. amyloliquefaciens* AE-BAA (EFSA-Q-2022-00574)

Not discussed due to lack of time.

6.13 Polygalacturonase (pectinase) and β -glucosidase from a non-genetically modified *Aspergillus tubigensis* strain ARO (EFSA-Q-2023-00657)

Not discussed due to lack of time.

6.14 Follow-up opinion linked to EFSA-Q-2015-00693 Endo-1,3(4)- β -glucanase from a non-genetically modified *Cellulosimicrobium funkei* strain AE-TN (EFSA-Q-2024-00086)

Not discussed due to lack of time.

6.15 α -L-Arabinofuranosidase from *A. niger* (ARF) (EFSA-Q-2014-00671)

Not discussed due to lack of time.

6.16 Endo-1,4-beta-xylanase from a genetically modified *Trichoderma reesei* strain DP-Nzd72 (EFSA-Q-2024-00085)

Not discussed due to lack of time.

6.17 Prolyl oligopeptidase from a genetically modified *Trichoderma reesei* strain DP-Nyq99 (EFSA-Q-2023-00906)

Not discussed due to lack of time.

6.18 Glucan 1,4- α -maltohydrolase from a genetically modified *Trichoderma reesei* strain DP-Nyn90 (EFSA-Q-2024-00014)

Not discussed due to lack of time.

6.19 Alpha-amylase from a genetically modified *Bacillus licheniformis* strain DP-Dzb105 (EFSA-Q-2024-00087)

The involved experts 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.



6.20 Endo-1,4-beta-xylanase from *Aspergillus luchuensis* DP-Azd103 ([EFSA-Q-2023-00225](#))

In addition to what originally planned, the involved experts discussed also this 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.

7. Feedback from the Scientific Committee/Scientific Panels/CEP Working Groups/EFSA/European Commission

7.1 Scientific Committee

The Panel chair reported the main outcomes of the 120th scientific committee plenary meeting held in Parma on 11 and 12 September 2024.

7.2 European Commission

Not applicable

7.3 Updates from Panel Working Groups

Not applicable

7.4 Updates from EFSA

Not applicable

8. AoB

Scientific opinion on the safety assessment of the food enzyme triacylglycerol lipase from the non-genetically modified *Limtongozyma cylindracea* strain AE-LAYH (B) ([EFSA-Q-2014-00113](#))

Following the adoption of this scientific opinion in July 2024³, the applicant requested clarification whether EFSA determined the QPS status of the production strain and why the QPS approach was not followed in the evaluation. The Panel reevaluated the data and confirmed the QPS status of the production strain. The Panel also agreed to amend the scientific opinion by applying the QPS approach. The Panel adopted the revised opinion. The revised opinion will be published, acknowledging the amendment in compliance with EFSA standard operating procedures.

The next FEZ Panel meeting will take place in Parma from 15 to 17 October 2024.

³ https://www.efsa.europa.eu/sites/default/files/2024-07/-minutes_16.pdf