

6-7 May 2025

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

MINUTES – Agreed on 13 May 2025

Location: Teleconference

Attendees:

○ **Panel Members:**

Giovanna Azimonti, Eleftherios Bonos, Henrik Christensen, Mojca Durjava, Birgit Dusemund, Ronette Gehring, Boet Glandorf, Maryline Kouba, Marta López-Alonso, Francesca Marcon, Carlo Nebbia, Alena Pechová, Miguel Prieto, Ilen Röhe, Katerina Theodoridou and Roberto Edoardo Villa (Chair).

○ **Hearing Experts:**

Not applicable.

○ **European Commission and/or Member States representatives:**

Paola Ferraro (DG SANTE).

○ **EFSA:**

FEEDCO Unit: Angelica Amaduzzi, Montserrat Anguita, Nicole Bozzi Cionci, Rosella Brozzi, Rafaella Christodoulou, Joana P. Firmino, Stefania Fusani, Jaume Galobart, Yolanda García-Cazorla, Mary Bridget Gilsehan, Eleni Gkimprixi, Davide Guerra, Orsolya Holczknecht, Matteo Lorenzo Innocenti, Maria Kolona, Marianna Kujawa, Paola Manini, Maria Mountricha, Natasa Mikulic, Alberto Navarro-Villa, Jordi Ortuño, Elisa Pettenati, Fabiola Pizzo, Joana Revez, Elena Rovesti, Jordi Tarrés-Call, Piera Valeri and Maria Vittoria Vettori.

Executive Director Office: Bernhard Url.

○ **Others:**

Not applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

2. Adoption of agenda

The agenda was adopted after the inclusion of the items "Preparation of *Bacillus velezensis* (*amyloliquefaciens*) NRRL B-67647, *Bacillus pumilus* NRRL B-67648, *Bacillus licheniformis* NRRL B-67649 as zootechnical additive for chickens for fattening, other poultry for fattening and ornamental birds ([EFSA-Q-2021-00449](#))", "Copper (II) - betaine complex for all animal species ([EFSA-Q-2024-00682](#))" and "Tartrazine as sensory additive for freshwater fish ([EFSA-Q-2025-00248](#))".

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

¹ [Policy on Independence](#)

² [Competing Interest Management](#)



screening process, and no interests were declared orally by the members at the beginning of this meeting.

4. Agreement of the minutes of the 181st FEEDAP Panel plenary meeting held on 18-20 March 2025 via teleconference

The minutes of the 181st FEEDAP Plenary meeting were agreed by written procedure on 27 March 2025.³

5. Report on written procedures

The Panel adopted the following opinions by written procedure:

- Vitamin B₁: thiamine hydrochloride (3a820) and thiamine mononitrate (3a821) as nutritional additives for all animal species ([EFSA-Q-2024-00449](#)) adopted on 4 April 2025
- *Bacillus paralicheniformis* DSM 33902 and *Bacillus subtilis* DSM 33903 for dairy cows for milk production and other dairy ruminant species ([EFSA-Q-2023-00454](#)) adopted on 9 April 2025
- L-Arginine produced with *Corynebacterium glutamicum* KCCM 80393 as nutritional additive for all animal species and categories ([EFSA-Q-2024-00423](#)) adopted on 1 May 2025

6. Scientific outputs submitted for discussion/adoption

6.1 Botanically defined flavourings from Botanical Group 01 - Lamiales for all animal species and categories: Basil tincture ([EFSA-Q-2010-01307](#))

This question refers to the authorisation under Article 4 and the re-evaluation under Article 10 of Regulation (EC) No 1831/2003 of basil tincture as a sensory additive for all animal species.

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product characterisation, safety and efficacy. The Panel endorsed the opinion, which will be adopted once the report of the EURL is received.

6.2 Preparation of *Bacillus velezensis (amyloliquefaciens)* NRRL B-67647, *Bacillus pumilus* NRRL B-67648, *Bacillus licheniformis* NRRL B-67649 as zootechnical additive for chickens for fattening, other poultry for fattening and ornamental birds ([EFSA-Q-2021-00449](#))

This question refers to the authorisation under Article 4 of Regulation (EC) No 1831/2003 of a preparation of *Bacillus velezensis (amyloliquefaciens)* NRRL B-67647, *Bacillus pumilus* NRRL B-67648, *Bacillus licheniformis* NRRL B-67649 as a zootechnical additive for chickens for fattening, other poultry for fattening and ornamental birds.

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product characterisation, safety and efficacy. The Panel unanimously adopted the opinion.

³ https://www.efsa.europa.eu/sites/default/files/2025-03/feedap250318-20_m.pdf



6.3 L-Tryptophan produced with *Corynebacterium glutamicum* KCCM 80346 as nutritional additive for all animal species ([EFSA-Q-2022-00882](#))

This question refers to the authorisation under Article 4 of Regulation (EC) No 1831/2003 of L-tryptophan produced with *Corynebacterium glutamicum* KCCM 80346 as a nutritional additive for all animal species.

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product characterisation, safety and efficacy. The draft opinion will be presented for possible adoption in a future plenary or by written procedure.

6.4 Xanthan gum for all animal species ([EFSA-Q-2023-00078](#))

EFSA was requested to deliver an opinion on the safety of xanthan gum as a technological additive for all animal species.

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product characterisation and safety. The Panel unanimously adopted the opinion.

6.5 Preparation of 6-phytase (4a19) produced with *Trichoderma reesei* CBS 126897 as zootechnical additive for poultry, weaned piglets, pigs for fattening and sows ([EFSA-Q-2023-00254](#))

This question refers to the authorisation under Article 4 and the renewal of the authorisation under Article 14 of Regulation (EC) No 1831/2003 of a preparation of 6-phytase produced with *Trichoderma reesei* CBS 126897 as a zootechnical additive for poultry, weaned piglets, pigs for fattening and sows.

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product characterisation, safety and efficacy. The Panel unanimously adopted the opinion.

6.6 Preparation of endo-1,4-beta-xylanase and alpha-galactosidase (4a33) produced with *Trichoderma longibrachiatum* CBS 139997 and *Aspergillus tubingensis* ATCC SD 6740 as zootechnical additive for turkeys ([EFSA-Q-2023-00262](#))

This question refers to the authorisation under Article 4 of Regulation (EC) No 1831/2003 of a preparation of endo-1,4-beta-xylanase and alpha-galactosidase (4a33) produced with *Trichoderma longibrachiatum* CBS 139997 and *Aspergillus tubingensis* ATCC SD 6740 as a zootechnical additive for turkeys.

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product characterisation, safety and efficacy. The draft opinion will be presented for possible adoption in a future plenary or by written procedure.

6.7 L-Lysine sulfate containing non-viable biomass of genetically modified *Corynebacterium glutamicum* as nutritional additive for all animal species ([EFSA-Q-2023-00484](#))

This question refers to the authorisation under Article 4 of Regulation (EC) No 1831/2003 of L-lysine sulfate containing non-viable biomass of genetically modified *Corynebacterium glutamicum* as a nutritional additive for all animal species.

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product characterisation, safety and efficacy. The draft opinion will be presented for possible adoption in a future plenary or by written procedure.

6.8 Potassium iodide (3b201) and calcium iodate anhydrous (3b202) as nutritional additives for all animal species ([EFSA-Q-2024-00223](#))

This question refers to the renewal of the authorisation under Article 14 of Regulation (EC) No 1831/2003 of potassium iodide and calcium iodate anhydrous as nutritional additives for all animal species.



The Panel discussed the draft scientific opinion, and in particular assessed data regarding product characterisation and safety. The Panel unanimously adopted the opinion.

6.9 25-Hydroxycholecalciferol as nutritional additive for salmonids, other fish species and all other animal species ([EFSA-Q-2024-00273](#))

This question refers to the authorisation under Article 4 of Regulation (EC) No 1831/2003 of 25-hydroxycholecalciferol as a nutritional additive for salmonids, other fish species and all other animal species.

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product characterisation, safety and efficacy. The draft opinion will be presented for possible adoption in a future plenary or by written procedure.

6.10 *Bacillus velezensis* ATCC PTA-6737 (4b1823) as zootechnical additive for laying hens and other birds kept for egg production or breeding ([EFSA-Q-2024-00395](#))

This question refers to the authorisation under Article 4 and the renewal of the authorisation under Article 14 of Regulation (EC) No 1831/2003 of *Bacillus velezensis* ATCC PTA-6737 (4b1823) as a zootechnical additive for laying hens and other birds kept for egg production or breeding.

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product characterisation, safety and efficacy. The Panel unanimously adopted the opinion.

6.11 *Lacticaseibacillus huelsenbergensis* DSM 115424 as technological additive for all animal species ([EFSA-Q-2024-00510](#))

This question refers to the authorisation under Article 4 of Regulation (EC) No 1831/2003 of *Lacticaseibacillus huelsenbergensis* DSM 115424 as a technological additive for all animal species.

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product characterisation, safety and efficacy. The Panel unanimously adopted the opinion.

6.12 Huvezym® neXo (endo-1,4- β xylanase, endo-1,4- β -glucanase and xyloglucan-specific-endo- β -1,4- glucanase produced with *Trichoderma citrinoviride* DSM 33578) for Suidae for fattening, laying and breeding hens and piglets (weaned and suckling) ([EFSA-Q-2024-00591](#))

EFSA was requested to deliver an opinion on the efficacy of Huvezym® neXo (endo-1,4- β xylanase, endo-1,4- β -glucanase and xyloglucan-specific-endo- β -1,4- glucanase produced with *Trichoderma citrinoviride* DSM 33578) as a zootechnical additive for Suidae for fattening, laying and breeding hens and piglets (weaned and suckling).

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product efficacy. The Panel unanimously adopted the opinion.

6.13 *Enterococcus faecium* DSM 33761, *Pediococcus acidilactici* DSM 33758, *Bifidobacterium animalis* DSM 16284, *Limosilactobacillus reuteri* DSM 33751, *Ligilactobacillus salivarius* DSM 16351 as zootechnical additive for chickens for fattening, chickens reared for laying, turkeys for fattening and reared for breeding and minor poultry species other than laying species ([EFSA-Q-2024-00641](#))

EFSA was requested to deliver an opinion on the efficacy of *Enterococcus faecium* DSM 33761, *Pediococcus acidilactici* DSM 33758, *Bifidobacterium animalis* DSM 16284, *Limosilactobacillus reuteri* DSM 33751, *Ligilactobacillus salivarius* DSM 16351 as a zootechnical additive for chickens for fattening, chickens reared for laying, turkeys for fattening and reared for breeding and minor poultry species other than laying species.

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product efficacy. The Panel unanimously adopted the opinion.



6.14 Copper (II) - betaine complex for all animal species ([EFSA-Q-2024-00682](#))

EFSA was requested to deliver an opinion on the efficacy of copper (II) - betaine complex as a nutritional additive for all animal species.

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product efficacy. The Panel unanimously adopted the opinion.

6.15 Tartrazine as sensory additive for freshwater fish ([EFSA-Q-2025-00248](#))

EFSA was requested to deliver an opinion on the efficacy of tartrazine as a sensory additive for freshwater fish.

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product efficacy. The Panel unanimously adopted the opinion.

6.16 Ponceau 4R as sensory additive for freshwater fish ([EFSA-Q-2025-00250](#))

EFSA was requested to deliver an opinion on the efficacy of Ponceau 4R as a sensory additive for freshwater fish.

The Panel discussed the draft scientific opinion, and in particular assessed data regarding product efficacy. The Panel unanimously adopted the opinion.

7. Other scientific topics for information/discussion

Not discussed.

8. Update on new mandates since the previous meeting

8.1 New applications under Regulation (EC) 1831/2003

The Commission has forwarded to EFSA the following new applications of feed additives seeking authorisation under Regulation (EC) No 1831/2003 since the last Plenary meeting. These applications were presented to the Panel:

EFSA-Q number	Subject
EFSA-Q-2025-00262	L-Histidine monohydrochloride monohydrate produced with <i>Escherichia coli</i> CCTCC M 20241089 as a nutritional additive for all animal species
EFSA-Q-2025-00272	<i>Weizmannia faecalis</i> DSM 32016 (TechnoSpore 50) as a zootechnical additive for calves and other bovines, ovines, caprines, cervids and camelids
EFSA-Q-2025-00284	<i>Lactiplantibacillus plantarum</i> DSM 34271 as technological additive for all animal species
EFSA-Q-2025-00285	<i>Lactococcus lactis</i> DSM 34262 as technological additive for all animal species

8.2 Valid applications under Regulation (EC) No 1831/2003

Applications considered valid for the start of the assessment:

EFSA-Q number	Subject	Valid on
EFSA-Q-2024-00509	Xanthan gum as technological additive for cats	03/04/2025
EFSA-Q-2024-00680	6-phytase (EC 3.1.3.26) produced with <i>Trichoderma reesei</i> as zootechnical additive for laying hens and minor laying poultry species	26/03/2025



EFSA-Q number	Subject	Valid on
EFSA-Q-2024-00695	L-Threonine produced with <i>E. coli</i> CCTCC M 2024477 as nutritional additive for all animal species	26/03/2025
EFSA-Q-2024-00696	L-Leucine produced with <i>Corynebacterium glutamicum</i> KCCM 80421 as nutritional and sensory additive for all animal species	14/04/2025
EFSA-Q-2024-00697	L-Valine produced with <i>E. coli</i> CCTCC M 2022134 as nutritional additive for all animal species	07/04/2025
EFSA-Q-2024-00717	Menadione sodium bisulphite (3a710) and menadione nicotinamide bisulphite (3a711) as nutritional additives for all animal species	02/04/2025
EFSA-Q-2024-00723	L-Lysine monohydrochloride and Liquid L-lysine produced with <i>Corynebacterium glutamicum</i> KCCM 80368 or <i>Corynebacterium glutamicum</i> KCCM 80479 as nutritional and sensory additive for all animal species	22/04/2025
EFSA-Q-2025-00009	L-Tryptophan produced with <i>Escherichia coli</i> CCTCC M 2024517 as nutritional additive for all animal species	27/03/2025
EFSA-Q-2025-00011	L-Arginine produced with <i>Corynebacterium glutamicum</i> CCTCC 20232577 as nutritional additive for all animal species	27/03/2025
EFSA-Q-2025-00012	L-Lysine produced with <i>Corynebacterium glutamicum</i> KCCM 80368 or <i>Corynebacterium glutamicum</i> KCCM 80479 as nutritional and sensory additive for all animal species	30/04/2025
EFSA-Q-2025-00142	Endo-1,4-beta-xylanase (EC 3.2.1.8) produced with <i>Trichoderma reesei</i> CBS 146249 as zootechnical additive for poultry and pigs	11/04/2025
EFSA-Q-2025-00175	<i>Bacillus licheniformis</i> ATCC 53757 and its protease (EC 3.4.21.19) as zootechnical additive for chickens for fattening, chickens reared for laying and minor poultry species for fattening and reared for laying and ornamental birds	16/04/2025

8.3 New questions under Regulation (EC) No 178/2002

EFSA-Q number	Subject
EFSA-Q-2025-00163	Acacia gum for all animal species
EFSA-Q-2025-00193	25-Hydroxycholecalciferol produced from <i>Pseudonocardia autotrophica</i> DSM 32858 for all pigs, all poultry for fattening and ornamental birds, and other poultry species
EFSA-Q-2025-00199	Microtracer with the feed additive KemTRACE chromium (Chromium propionate) for all growing poultry species
EFSA-Q-2025-00200	Chromium propionate for all growing poultry species
EFSA-Q-2025-00214	E 566 Natrolite-phonolite (PHIL 75®) for all animal species
EFSA-Q-2025-00215	Botanically defined flavourings from Botanical Group 18 - Gymnosperms (Coniferales, Ginkgoales) for all animal species and categories: Ginkgo tincture
EFSA-Q-2025-00248	Tartrazine (EC ID 2a102) as sensory additive for freshwater fish
EFSA-Q-2025-00250	Ponceau 4R (EC ID 2b124) as sensory additive for freshwater fish



9. Feedback from Scientific Committee/Scientific Panels/EFSA/European Commission/EURL

9.1 Scientific Committee

The Chair of the Panel provided an overview of the main items discussed during the last plenary meeting of the Scientific Committee.

9.2 Scientific Panel(s) including their Working Groups

EFSA staff updated the Panel on the progress of the preparation of the Guidance on the characterisation and risk assessment of microorganisms used in the food chain following the public consultation.

9.3 EFSA

The acting Executive Director of EFSA, Dr Bernhard Url, congratulated the Panel and the unit on its achievements, in particular regarding the speed of risk assessment and efficiency. He also outlined future challenges for EFSA regarding the need to evaluate increasing volumes of evidence in regulatory risk assessments with current resources.

9.4 European Commission/EURL

Not discussed.

10. Any other business

10.1 Considerations on the length and readability of EFSA's scientific opinions and statements

The Panel discussed on a series of proposals to improve the readability and reduce the length of the scientific opinions.

10.2 Next meeting

The next meeting will be held on 24-26 June 2025 in Parma.