

**SCIENTIFIC PANEL ON
PLANT PROTECTION PRODUCTS AND THEIR RESIDUES**
8th Working Group meeting on Chitosan – Chitosan
Hydrochloride _Review of approval



7th February 2025 (14:00 -16:00)
MINUTES – Agreed on 19th February 2025

Location: Web-conference

Attendees:

- **Working Group Members:**

Marina Marinovich, Pauline Adriaanse

- **Hearing Experts¹:**

Silvia Pieper, Emily McVey

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

European Commission: None

- **EFSA:**

PREV UNIT: Tunde Molnar, Martina Panzarea, Giorgia Vianello

PLANTS UNIT: Roberto Lava (Chair), Franco Ferilli

- **Others:**

None

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups 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 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 members at the beginning of this meeting.

¹ As defined in Article 34 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

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

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



4. Agreement of the minutes of the 7th Working Group meeting held on 23rd January 2025, via web-conference

The minutes of the 7th Working Group meeting were agreed by written procedure on 29th January 2025.

5. Scientific topics for discussion

a. Opinion according to Article 23(6) of Regulation (EC) No 1107/2009 concerning basic substances chitosan and chitosan hydrochloride ([EFSA-Q-2024-00037](#))

A targeted discussion on key points raised by the appointed Panel expert reviewers, who joined the WG meeting as HEs, and how the draft statement has been revised to duly address these took place. Next steps to move forward were noted.

6. Next meeting

The present assessment will be presented for possible adoption in the next PPR Panel plenary meeting (26th -27th February 2025)

**SCIENTIFIC PANEL ON
PLANT PROTECTION PRODUCTS AND THEIR RESIDUES**
7th Working Group meeting on Chitosan – Chitosan
Hydrochloride _Review of approval



23rd January 2025 (09:30 -16:30)
MINUTES – Agreed on 29th January 2025

Location: Web-conference

Attendees:

- **Working Group Members:**

Marina Marinovich, Pauline Adriaanse

- **Hearing Experts¹:**

None

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

European Commission: None

- **EFSA:**

PREV UNIT: Tunde Molnar, Martina Panzarea, Giorgia Vianello

PLANTS UNIT: Roberto Lava (Chair), Franco Ferilli

- **Others:**

None

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups 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 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 members at the beginning of this meeting.

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

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



4. Agreement of the minutes of the 6th Working Group meeting held on 11th October 2024, via web-conference

The minutes of the 6th Working Group meeting were agreed by written procedure on 19th October 2024.

5. Scientific topics for discussion

a. Opinion according to Article 23(6) of Regulation (EC) No 1107/2009 concerning basic substances chitosan and chitosan hydrochloride ([EFSA-Q-2024-00037](#))

General revision and consolidation on the content of the draft output, including methods and results for each of the Terms of Reference (ToRs), took place. Comments from Panel reviewers (formally appointed by the chair in the [129th PPR Panel Plenary meeting](#)) were collegially discussed and it was agreed on the way forward.

The present assessment will be presented for possible adoption in the next PPR Panel plenary meeting (26th -27th February 2025).

6. Next meeting

February 2025, to be confirmed

**SCIENTIFIC PANEL ON
PLANT PROTECTION PRODUCTS AND THEIR RESIDUES**
6th Working Group meeting on Chitosan – Chitosan
Hydrochloride _Review of approval



11th October 2024 (09:30 -16:30)
MINUTES – Agreed on 18th October 2024

Location: Web-conference

Attendees:

- **Working Group Members:**

Marina Marinovich, Pauline Adriaanse

- **Hearing Experts¹:**

None.

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

European Commission: Malgorzata Rzychon, Eric Liegeois

- **EFSA:**

PREV UNIT: Giorgia Vianello, Martina Panzarea, Tunde Molnar

PLANTS UNIT: Roberto Lava (Chair), Kyriaki Koukoutsis, Alex Gobbi, Franco Ferilli

- **Others:**

None

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups 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 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 members at the beginning of this meeting.

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

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



4. Agreement of the minutes of the 5th Working Group meeting held on 13th September 2024, via web-conference

The minutes of the 5th Working Group meeting were agreed by written procedure on 19th September 2024.

5. Scientific topics for discussion

a. Opinion according to Article 23(6) of Regulation (EC) No 1107/2009 concerning basic substances chitosan and chitosan hydrochloride ([EFSA-Q-2024-00037](#))

Discussion on the toxicological and environmental sections of the draft output, addressing respectively mandate ToR 1 and ToR 2, took place.

The table of content of the draft output has been presented and collegially discussed by the WG.

Next steps to move forward in both sections were noted and agreed.

The present assessment will be discussed in a forthcoming WG meeting.

6. Next meeting

January 2025, web-conference. Date to be confirmed.



**SCIENTIFIC PANEL ON
PLANT PROTECTION PRODUCTS AND THEIR RESIDUES**
5th Working Group meeting on Chitosan – Chitosan
Hydrochloride _Review of approval



13th September 2024 (09:30 -16:30)
MINUTES – Agreed on 19th September 2024

Location: Web-conference

Attendees:

- **Working Group Members:**

Marina Marinovich, Pauline Adriaanse

- **Hearing Experts¹:**

None.

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

None

- **EFSA:**

PREV UNIT: Giorgia Vianello, Martina Panzarea, Tunde Molnar

PLANTS UNIT: Roberto Lava (Chair), Kyriaki Koukoutsis, Alex Gobbi

- **Others:**

None

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups 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 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 members at the beginning of this meeting.

¹ As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

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

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



4. Agreement of the minutes of the 4th Working Group meeting held on 9th July 2024, via web-conference

The minutes of the 4th Working Group meeting were agreed by written procedure on 12th July 2024.

5. Scientific topics for discussion

a. Opinion according to Article 23(6) of Regulation (EC) No 1107/2009 concerning basic substances chitosan and chitosan hydrochloride ([EFSA-Q-2024-00037](#))

Discussion on the toxicological and environmental sections of the draft output, addressing respectively mandate ToR 1 and ToR 2, took place.

A focussed discussion on natural occurrence (mainly in soil) of chitin and chitosan was held by the WG.

Next steps to move forward with the assessment in both sections were noted and agreed.

The present assessment will be discussed in a forthcoming WG meeting.

6. Next meeting

11th October 2024, web-conference

**SCIENTIFIC PANEL ON
PLANT PROTECTION PRODUCTS AND THEIR RESIDUES**
4th Working Group meeting on Chitosan – Chitosan
Hydrochloride _Review of approval



9th July 2024 (09:30 -16:30)
MINUTES – Agreed on 12th July 2024

Location: Web-conference

Attendees:

- **Working Group Members:**

Marina Marinovich, Pauline Adriaanse

- **Hearing Experts¹:**

Gianfranco Romanazzi

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

None

- **EFSA:**

PREV UNIT: Giorgia Vianello, Martina Panzarea, Tunde Molnar, Marco Binaglia

PLANTS UNIT: Roberto Lava (Chair), Kyriaki Koukoutsis, Streissl Franz

- **Others:**

None

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups 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 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 members at the beginning of this meeting.

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

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



4. Agreement of the minutes of the 3rd Working Group meeting held on 12th June 2024, via web-conference

The minutes of the 3rd Working Group meeting were agreed by written procedure on 12th June 2024.

5. Scientific topics for discussion

a. Opinion according to Article 23(6) of Regulation (EC) No 1107/2009 concerning basic substances chitosan and chitosan hydrochloride ([EFSA-Q-2024-00037](#))

Discussion on the toxicological and environmental sections of the draft output, addressing respectively mandate ToR 1 and ToR 2, took place.

The hearing expert provided the WG with a general overview on his long-standing knowledge and experience on chitosan research targeting the requests for mandate ToR 1 and ToR 2.

Next steps to move forward with the assessment in both sections were noted and agreed.

The present assessment will be discussed in a forthcoming WG meeting.

6. Next meeting

13th September, web-conference



**SCIENTIFIC PANEL ON
PLANT PROTECTION PRODUCTS AND THEIR RESIDUES**
3rd Working Group meeting on Chitosan – Chitosan
Hydrochloride _Review of approval



30th May 2024 (09:30 -16:30)
MINUTES – Agreed on 12th June 2024

Location: Web-conference

Attendees:

- **Working Group Members:**

Marina Marinovich, Pauline Adriaanse

- **Hearing Experts¹:**

None

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

None

- **EFSA:**

PREV UNIT: Giorgia Vianello, Martina Panzarea, Tunde Molnar, Marco Binaglia

PLANTS UNIT: Roberto Lava (Chair), Kyriaki Koukoutsis

MESE UNIT: Isabelle Delaunois

- **Others:**

None

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence and the Decision of the Executive Director on Competing Interest Management, 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 members at the beginning of this meeting.

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4. Agreement of the minutes of the 2nd Working Group meeting held on 24th April 2024, via web-conference

The minutes of the 2nd Working Group meeting were agreed by written procedure on 29th April 2024.

5. Scientific topics for discussion

a. Opinion according to Article 23(6) of Regulation (EC) No 1107/2009 concerning basic substances chitosan and chitosan hydrochloride ([EFSA-Q-2024-00037](#))

Discussion on the toxicological and environmental sections of the draft output, addressing respectively mandate ToR 1 and ToR 2, took place.

Next steps to move forward with the assessment in both sections were noted and agreed.

The present assessment will be discussed in a forthcoming WG meeting.

6. Next meeting

09th July, web-conference

**SCIENTIFIC PANEL ON
PLANT PROTECTION PRODUCTS AND THEIR RESIDUES**
2nd Working Group meeting on Chitosan – Chitosan
Hydrochloride _Review of approval



24th April 2024 (14:00 -18:00)
MINUTES – Agreed on 29 April 2024

Location: Web-conference

Attendees:

- **Working Group Members:**

Marina Marinovich

- **Hearing Experts¹:**

None

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

None

- **EFSA:**

PREV UNIT: Giorgia Vianello, Martina Panzarea, Tunde Molnar

PLANTS UNIT: Roberto Lava (Chair)

NIF: George Kass

- **Others:**

None

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence and the Decision of the Executive Director on Competing Interest Management, 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 members at the beginning of this meeting.

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4. Agreement of the minutes of the 1st Working Group meeting held on 26th March 2024, via web-conference

The minutes of the 1st Working Group meeting were agreed by written procedure on 7th April 2024.

5. Scientific topics for discussion

a. Opinion according to Article 23(6) of Regulation (EC) No 1107/2009 concerning basic substances chitosan and chitosan hydrochloride ([EFSA-Q-2024-00037](#))

Discussion on the toxicological section of the draft output took place.

Next steps to move forward were noted. The present assessment will be discussed in a forthcoming WG meeting.

6. Next meeting

30th May, web-conference



**SCIENTIFIC PANEL ON
PLANT PROTECTION PRODUCTS AND THEIR RESIDUES**
1st Working Group meeting on Chitosan – Chitosan
Hydrochloride _Review of approval



26th March 2024 (10:00-17:00)
MINUTES – Agreed on 07 April 2024

Location: Web-conference

Attendees:

- **WG Members:**

Marina Marinovich, Paulien Adriaanse

- **Hearing Experts¹:**

None

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

None

- **EFSA:**

PREV UNIT: Giorgia Vianello, Martina Panzarea, Marco Binaglia

PLANTS UNIT: Roberto Lava (Chair), Kyriaki Koukoutsis, Christopher Lythgo

MESE: Isabelle Delaunois

- **Others:**

None

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence and the Decision of the Executive Director on Competing Interest Management, 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 members at the beginning of this meeting.

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4. Scientific topics for discussion

4.1 Opinion according to Article 23(6) of Regulation (EC) No 1107/2009 concerning basic substances chitosan and chitosan hydrochloride (EFSA-Q-2024-00037)

The WG was provided with an overview of the available data for the present assessment, including evidence from other regulatory sectors and agencies and from the peer reviewed scientific literature. Discussion on problem formulation and interpretation of mandate terms of reference took place.

Next steps to move forward were noted. The present assessment will be discussed in a forthcoming WG meeting.

5. Next meeting

24th April 2024 (mammalian toxicology session) and 25th April 2024 (environmental session), via web-conference of half day.