

## Scientific Panel on Additives and Products or Substances Used in Animal Feed

### Minutes of the 94<sup>th</sup> meeting of the Working Group on Trace Elements

Held on 6-8 October 2015, Parma

(Agreed by written procedure on 21 October 2015)

#### Participants

- **Working Group Members:**

Gerhard Flachowsky, Mikolaj Gralak,<sup>1</sup> Jürgen Gropp, Christer Hogstrand and Alberto Mantovani<sup>2</sup>

Noël Dierick<sup>3</sup> and Johannes Westendorf<sup>4</sup> participated via teleconference

- **Hearing Experts:**<sup>5</sup>

Not Applicable.

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

Wolfgang Trunk<sup>6</sup>

- **EFSA:**

FEED Unit: Gloria López-Gálvez

- **Others:**

Not Applicable.

#### 1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Lubomir Leng and Fernando Ramos.

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<sup>1</sup> Present on the 6<sup>th</sup>

<sup>2</sup> Present on the 8<sup>th</sup>

<sup>3</sup> Present on the 7<sup>th</sup> and 8<sup>th</sup>

<sup>4</sup> Present on the 6<sup>th</sup> and 7<sup>th</sup>

<sup>5</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

<sup>6</sup> Present on the 8<sup>th</sup>

## 2. Adoption of agenda

The agenda was adopted.

## 3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>7</sup> and the Decision of the Executive Director on Declarations of Interest,<sup>8</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

## 4. Agreement of the minutes of the 93<sup>rd</sup> Working Group meeting held on 14 September 2015, Web conference.

The minutes of the of the 93<sup>rd</sup> Working Group meeting held on 14 September were agreed.<sup>9</sup>

## 5. Scientific topics for discussion

- 5.1. The Working Group (WG) continued its discussion on the application on Manganese E5 (Six compounds of manganese) for all animal species ([EFSA-Q-2012-00437](#)) and decided to present it, modified accordingly, to the Plenary meeting.
- 5.2. The Working Group (WG) continued its discussion on the application on Manganese hydroxychloride for all animal species ([EFSA-Q-2013-00406](#)) and decided to inform the applicant on issues that required clarification.
- 5.3. The Working Group (WG) continued its discussion on the application on Dicopper oxide for all animal species ([EFSA-Q-2014-00629](#)) and decided to inform the applicant on issues that required clarification.
- 5.4. The following items were not discussed: Iron E1 (Seven compounds of iron) for all animal species ([EFSA-Q-2012-00491](#)), Ferric oxide, for all animal species ([EFSA-Q-2012-00492](#)) and

<sup>7</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>8</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>9</sup> <http://www.efsa.europa.eu/en/feedapwgs/docs/feedaptraceelements.pdf>

Sodium selenite for all animal species ([EFSA-Q-2014-00505](#) and [EFSA-Q-2014-00507](#)).

## **6. Any Other Business**

The meeting is the last one of the WG within the FEEDAP mandate 2012-2015. The Chair of the WG thanked all the participants for the work accomplished.

## **7. Next meeting**

30 October 2015

## Scientific Panel on Additives and Products or Substances Used in Animal Feed

### Minutes of the 93<sup>rd</sup> meeting of the Working Group on Trace Elements

**Held on 14 September 2015, Web conference**

**(Agreed on 6 October 2015)**

#### **Participants**

- **Working Group Members:**

Noël Dierick, Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng, Alberto Mantovani and Johannes Westendorf

- **Hearing Experts:<sup>1</sup>**

Not Applicable.

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

Not Applicable.

- **EFSA:**

FEED Unit: Gloria López-Gálvez

- **Others:**

Not Applicable.

#### **1. Welcome and apologies for absence**

The Chair welcomed the participants.

Apologies were received from Fernando Ramos.

#### **2. Adoption of agenda**

The agenda was adopted after withdrawal of the item Dicopper oxide for all animal species ([EFSA-Q-2014-00629](http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf)).

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<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### **3. Declarations of Interest of Working Group members**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest,<sup>3</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

### **4. Agreement of the minutes of the 92<sup>nd</sup> Working Group meeting held on 13 July 2015, Web conference.**

The minutes of the of the 92<sup>nd</sup> Working Group meeting held on 13 July were agreed.<sup>4</sup>

### **5. Scientific topics for discussion**

5.1. The Working Group (WG) continued its discussion on the application on Manganese E5 (Six compounds of manganese) for all animal species ([EFSA-Q-2012-00437](#)) and decided that further discussion is needed.

5.2. The following items were not discussed: Iron E1 (Seven compounds of iron) for all animal species ([EFSA-Q-2012-00491](#)), Ferric oxide, for all animal species ([EFSA-Q-2012-00492](#)) Sodium selenite for all animal species ([EFSA-Q-2014-00505](#) and [EFSA-Q-2014-00507](#)).

### **6. Any Other Business**

Not Applicable

### **7. Next meeting**

6-8 October 2015

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<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/feedapwgs/docs/feedaptraceelements.pdf>

## Scientific Panel on Additives and Products or Substances Used in Animal Feed

### Minutes of the 92<sup>nd</sup> meeting of the Working Group on Trace Elements

Held on 13 July 2015, Web conference

(Agreed on 14 September 2015)

#### Participants

- **Working Group Members:**

Noël Dierick, Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng, Alberto Mantovani and Johannes Westendorf

- **Hearing Experts:<sup>1</sup>**

Not Applicable.

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

Not Applicable.

- **EFSA:**

FEED Unit: Gloria López-Gálvez, Luca Bellomo

- **Others:**

Not Applicable.

#### 1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Fernando Ramos.

#### 2. Adoption of agenda

The agenda was adopted after withdrawal of the items Manganese E5 (Six compounds of manganese) for all animal species ([EFSA-Q-2012-](#)

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<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

[00437](#)) and Sodium selenite (film granulated preparation) for all animal species ([EFSA-Q-2014-00508](#)).

### **3. Declarations of Interest of Working Group members**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest,<sup>3</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

### **4. Agreement of the minutes of the 91<sup>st</sup> Working Group meeting held on 1-3 July 2015, Munich.**

The minutes of the of the 91<sup>st</sup> Working Group meeting held on 1-3 July were agreed.<sup>4</sup>

### **5. Scientific topics for discussion**

- 5.1. The Working Group (WG) discussed the application on Iron Dextran for all animal species ([EFSA-Q-2014-00592](#)) and decided to inform the applicant on issues that required clarification.
- 5.2. The Working Group (WG) discussed the application on Zinc chelate of methionine for all animal species ([EFSA-Q-2015-00188](#)) and decided to inform the applicant on issues that required clarification.
- 5.3. The following items were not discussed: Iron E1 (Seven compounds of iron) for all animal species ([EFSA-Q-2012-00491](#)), Ferric oxide, for all animal species ([EFSA-Q-2012-00492](#)) and Sodium selenite for all animal species ([EFSA-Q-2014-00505](#)).

### **6. Any Other Business**

Not Applicable

### **7. Next meeting**

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<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/feedapwgs/docs/feedaptraceelements.pdf>

14 September 2015



## Scientific Panel on Additives and Products or Substances Used in Animal Feed

### Minutes of the 91<sup>st</sup> meeting of the Working Group on Trace Elements

**Held on 1-3 July 2015, Munich (Germany)**

**(Agreed on 13 July 2015)**

#### **Participants**

- **Working Group Members:**

Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Lubomir Leng and Alberto Mantovani, Fernando Ramos and Johannes Westendorf

- **EFSA:**

FEED Unit: Gloria López-Gálvez

- **Others:**

Not Applicable.

#### **1. Welcome and apologies for absence**

The Vice-Chair welcomed the participants.

Apologies were received from Noël Dierick and Christer Hogstrand.

#### **2. Adoption of agenda**

The agenda was adopted after withdrawal of the items Manganese E5 (Six compounds of manganese) for all animal species ([EFSA-Q-2012-00437](#)) and Iron E1 (Seven compounds of iron) for all animal species ([EFSA-Q-2012-00491](#)).

#### **3. Declarations of Interest of Working Group members**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director on Declarations of Interest,<sup>2</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

#### **4. Agreement of the minutes of the 90<sup>th</sup> Working Group meeting held on 15 June 2015, Web conference.**

The minutes of the of the 90<sup>th</sup> Working Group meeting held on 15 June were agreed.<sup>3</sup>

#### **5. Scientific topics for discussion**

- 5.1. The Working Group continued the discussion on the application on Sodium selenite (film granulated preparation) for all animal species. FAD-2010-0369 ([EFSA-Q-2014-00508](http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf)) and decided to present it, modified accordingly, to the Plenary meeting.
- 5.2. The WG continued its discussion on the application on Manganese hydroxychloride for all animal species ([EFSA-Q-2013-00406](http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf)) and decided to inform the applicant on issues that required clarification.
- 5.3. The following items were not discussed: Iron Dextran for all animal species ([EFSA-Q-2014-00592](http://www.efsa.europa.eu/en/feedapwgs/docs/feedaptraceelements.pdf)) and Zinc chelate of methionine for all animal species ([EFSA-Q-2015-00188](http://www.efsa.europa.eu/en/feedapwgs/docs/feedaptraceelements.pdf)).

#### **6. Any Other Business**

Not Applicable

#### **7. Next meeting**

13 July 2015

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/feedapwgs/docs/feedaptraceelements.pdf>

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 90<sup>th</sup> meeting of the Working Group on Trace Elements**  
**Held on 15 June 2015, Webconference**  
**(Agreed on 1 July 2015)**

**Participants**

• **Working Group Experts:**

- Noël Dierick, Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng, Alberto Mantovani, Fernando Ramos and Johannes Westendorf

• **Hearing Experts:**

- Not Applicable

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

- Not Applicable

• **EFSA:**

- FEED Unit: Gloria López-Gálvez

• **Others:**

- Not Applicable

**1. Welcome and apologies for absence**

The Chair welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director on Declarations of Interest<sup>2</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

**4. Agreement of the minutes of the 89<sup>th</sup> and 89<sup>th</sup>-b Working Group meetings held on 7-8 May 2015 (Barcelona) and 22 May 2015 (Web conference)**

The minutes of the previous meetings were agreed.

**5. Scientific topic(s) for discussion**

- 5.1 The Working Group (WG) continued its discussion on the application on Manganese E5 "Five forms of manganese for all animal species ([EFSA-Q-2012-00437](http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf))" and decided to inform the applicant on issues that required clarification.

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf>

- 5.2 A preliminary discussion took place on the application on Zinc chelate of methionine for all animal species ([EFSA-Q-2015-00188](#)).
- 5.3 The following items were not discussed: Manganese hydroxychloride for all animal species ([EFSA-Q-2013-00406](#)) and Selenium E8 "Sodium selenite (film granulated preparations) for all animal species ([EFSA-Q-2014-00508](#))".

## **6. Next meeting**

1-3 July 2015

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 89<sup>th</sup>-b meeting of the Working Group on Trace Elements**  
**Held on 22 May 2015, Webconference**  
**(Agreed on 7<sup>th</sup> May 2015)**

**Participants**

**Working Group Experts:**

Mikolaj Gralak and Alberto Mantovani

**Hearing Experts:**

Not Applicable

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

Not Applicable

**EFSA:**

FEED Unit: Gloria López-Gálvez

**Others:**

Not Applicable

**1. Welcome and apologies for absence**

The EFSA staff welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director on Declarations of Interest<sup>2</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

**4. Scientific topic(s) for discussion**

- 4.1 The WG continued its discussion on the application on Manganese E5 (Five compounds of manganese) for all animal species ([EFSA-Q-2012-00437](http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf)) and decided that further discussion is needed.

**5. Next meeting**

15 June 2015

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencypolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 89<sup>th</sup> meeting of the Working Group on Trace Elements**  
**Held on 7-8 May 2015, Barcelona**  
**(Agreed on 15 June 2015)**

**Participants**

• **Working Group Experts:**

- Noël Dierick, Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand,<sup>1</sup> Lubomir Leng and Alberto Mantovani and Johannes Westendorf

• **Hearing Experts:**

- Not Applicable

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

- Not Applicable

• **EFSA:**

- FEED Unit: Gloria López-Gálvez

• **Others:**

- Not Applicable

**1. Welcome and apologies for absence**

The Chair welcomed the participants. Apologies were received from Fernando Ramos.

**2. Adoption of agenda**

The agenda was adopted after withdrawal of the item Iron E1 (Seven compounds of iron) for all animal species ([EFSA-Q-2012-00491](http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf)).

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

**4. Agreement of the minutes of the 88<sup>th</sup> and 88<sup>th</sup>-b Working Group meetings held on 14 and 28 April 2015 (Web conferences)**

The minutes of the previous meetings were agreed.

**5. Scientific topic(s) for discussion**

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<sup>1</sup> Present on 7 and 8-AM

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf>

- 5.1 The Working Group (WG) continued its discussion on the application on Aminotrace Zinc Bislysinate for all animal species for all animal species ([EFSA-Q-2014-00496](#)) and decided to present it, modified accordingly, to the Plenary meeting.
- 5.2 The WG continued its discussion on the application on Iron E1 “Ferric oxide, for all animal species ([EFSA-Q-2012-00492](#))” and decided to inform the applicant on issues that require clarification.
- 5.3 The following items were not discussed: Manganese E5 Five forms of manganese for all animal species ([EFSA-Q-2012-00437](#)), Selenium E8 “Sodium selenite (film granulated preparations) for all animal species ([EFSA-Q-2014-00508](#))” and Zinc chelate of methionine for all animal species ([EFSA-Q-2015-00188](#)).

## **6. Next meeting**

22 May 2015

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 88<sup>th</sup>-b meeting of the Working Group on Trace Elements**  
**Held on 28 April 2015, Webconference**  
**(Agreed on 7<sup>th</sup> May 2015)**

**Participants**

**Working Group Experts:**

Noël Dierick and Jürgen Gropp

**Hearing Experts:**

Not Applicable

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

Not Applicable

**EFSA:**

FEED Unit: Gloria López-Gálvez

**Others:**

Not Applicable

**1. Welcome and apologies for absence**

The EFSA staff welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director on Declarations of Interest<sup>2</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

**4. Scientific topic(s) for discussion**

- 4.1 The WG continued its discussion on the application on Iron E1 (Seven compounds of iron) for all animal species ([EFSA-Q-2012-00491](http://www.efsa.europa.eu/en/keydocs/docs/independencpolicy.pdf)) and decided and decided to inform the applicant on issues that require clarification.
- 4.2 The WG continued its discussion on the application on Ferric oxide, for all animal species ([EFSA-Q-2012-00492](http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf)) and decided that further discussion is needed.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencpolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>



## **5. Next meeting**

7-8 May 2015

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 88<sup>th</sup> meeting of the Working Group on Trace Elements**  
**Held on 14 April 2015, Webconference**  
**(Agreed on 7<sup>th</sup> May 2015)**

**Participants**

**Working Group Experts:**

Noël Dierick, Gerhard Flachowsky, Jürgen Gropp,<sup>1</sup> Lubomir Leng and Johannes Westendorf

**Hearing Experts:**

Not Applicable

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

Not Applicable

**EFSA:**

FEED Unit: Gloria López-Gálvez

**Others:**

Not Applicable

**1. Welcome and apologies for absence**

The Vice-Chair welcomed the participants. Apologies were revised from Christer Hogstrand, Mikolaj A. Gralak, Alberto Mantovani and Fernando Ramos for the full meeting.

**2. Adoption of agenda**

The agenda was adopted after withdrawal of the item "Aminotrace Zinc Bislysinate for all animal species ([EFSA-Q-2014-00496](http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf))".

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

**4. Agreement of the minutes of the 87<sup>th</sup> Working Group meetings held on 2-3 March 2015 (Parma)**

The minutes of the previous meeting were agreed.

<sup>1</sup> Participated physically in Parma

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf>

## 5. Scientific topic(s) for discussion

- 5.1 The WG continued its discussion on the application on Ferric oxide, for all animal species ([EFSA-Q-2012-00492](#)) and decided that further discussion is needed.
- 5.2 The following item was not discussed: "Iron E1 (Seven compounds of iron) for all animal species ([EFSA-Q-2012-00491](#))".
- 5.3 During the meeting, the WG was informed, in order to plan the future discussions, that the following question has been received: Zinc chelate of methione for all animal species ([EFSA-Q-2015-00188](#)).

## 6. Next meeting

28 April 2015

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 87<sup>th</sup> meeting of the Working Group on Trace Elements**  
**Held on 2-3 March 2015, Parma**  
**(Agreed on 14 April 2015)**

**Participants**

• **Working Group Experts:**

- Jürgen Gropp, Christer Hogstrand, Fernando Ramos and Johannes Westendorf
- Noël Dierick, Mikolaj Gralak,<sup>1</sup> Gerhard Flachowsky and Lubomir Leng participated via teleconference

• **Hearing Experts:**

- Not Applicable

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

- Not Applicable

• **EFSA:**

- FEED Unit: Gloria López-Gálvez

• **Others:**

- Not Applicable

**1. Welcome and apologies for absence**

The Chair welcomed the participants. Apologies were received from Alberto Mantovani.

**2. Adoption of agenda**

The agenda was adopted.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

**4. Agreement of the minutes of the 86<sup>th</sup> Working Group meetings held on 2-3 February 2015 (Parma)**

The minutes of the previous meeting were agreed.

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<sup>1</sup> Present on the 3

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencypolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

## **5. Scientific topic(s) for discussion**

- 5.1 The Working Group (WG) continued its discussion on the application on Iron E1 Ferrous carbonate for all animal species ([EFSA-Q-2012-00495](#)) and decided to present it, modified accordingly, to the Plenary meeting.
- 5.2 The WG continued its discussion on the application on Iron E1 Seven compounds of iron for all animal species ([EFSA-Q-2012-00491](#)) and decided that further discussion is needed.

## **6. Next meeting**

14 April 2015

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 86<sup>th</sup> meeting of the Working Group on Trace Elements**  
**Held on 2-3 February 2015, Parma**  
**(Agreed on 2 March 2015)**

**Participants**

• **Working Group Experts:**

- Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Alberto Mantovani, Fernando Ramos and Johannes Westendorf
- Noël Dierick<sup>1</sup> and Lubomir Leng participated via teleconference

• **Hearing Experts:**

- Not Applicable

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

- Not Applicable

• **EFSA:**

- FEED Unit: Gloria López-Gálvez

• **Others:**

- Not Applicable

**1. Welcome and apologies for absence**

The Chair welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted after withdrawal of the items "Iron E1 Seven compounds of iron for all animal species ([EFSA-Q-2012-00491](http://www.efsa.europa.eu/en/keydocs/docs/independencpolicy.pdf))" and "Manganese E5 Six compounds of manganese for all animal species ([EFSA-Q-2012-00437](http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf))".

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

**4. Agreement of the minutes of the 85<sup>th</sup> Working Group meetings held on 26 January 2015 (Web conference)**

The minutes of the previous meeting were agreed.

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<sup>1</sup> Present on the 3

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencpolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

## **5. Scientific topic(s) for discussion**

- 5.1 The Working Group (WG) continued its discussion on the application on Zinc E6 Eight forms of zinc, for all animal species ([EFSA-Q-2011-00845](#)) and decided to present it, modified accordingly, to the Plenary meeting.
- 5.2 The WG discussed the application on Copper E4 Eight forms of copper, for all animal species ([EFSA-Q-2011-00741](#)) and decided to present it, modified accordingly, to the Plenary meeting.
- 5.3 The following item was not discussed: "Iron E1 Ferrous carbonate for all animal species ([EFSA-Q-2012-00495](#))".

## **6. Next meeting**

2-3 March 2015

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 85<sup>th</sup> meeting of the Working Group on Trace Elements**  
**WEB-conference, 26 January 2015**  
**(Agreed on 2 February 2015)**

### Participants

- **Working Group Experts:**
  - Noël Dierick, Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng, Alberto Mantovani, Fernando Ramos and Johannes Westendorf
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants.

### 2. Adoption of agenda

The agenda was adopted after withdrawal of the item “Ferric oxide for all animal species” ([EFSA-Q-2012-00492](http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf)).

### 3. Declarations of interest

In accordance with EFSA’s Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director on Declarations of Interest<sup>2</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf>



#### **4. Agreement of the minutes of the 84<sup>th</sup> Working Group meetings held on 15 December 2014 (Web conference)**

The minutes of the previous meeting were agreed.

#### **5. Scientific topics for discussion**

- 5.1 The Working Group (WG) discussed the application on Dicopper oxide for all animal species ([EFSA-Q-2014-00629](#)) and decided to inform the applicant on issues that require clarification.
- 5.2 The following items were not discussed: Copper E4 Eight forms of copper, for all animal species ([EFSA-Q-2011-00741](#)) and Iron E1 Ferrous carbonate for all animal species ([EFSA-Q-2012-00495](#))

#### **6. Next meeting**

2-3 February 2015

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 84<sup>th</sup> meeting of the Working Group on Trace Elements**  
**WEB-conference, 15 December 2014**  
**(Agreed on 26 January 2015)**

### Participants

- **Working Group Experts:**
  - Noël Dierick, Gerhard Flachowsky, Mikolaj Gralak, Christer Hogstrand, Lubomir Leng, Alberto Mantovani, Fernando Ramos and Johannes Westendorf
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Jürgen Gropp.

### 2. Adoption of agenda

The agenda was adopted.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director on Declarations of Interest<sup>2</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

#### **4. Agreement of the minutes of the 83<sup>rd</sup> Working Group meetings held on 19-21 November 2014 (Parma)**

The minutes of the previous meeting were agreed.

#### **5. Scientific topics for discussion**

- 5.1 The Working Group (WG) continued its discussion on the application on Copper E4 Eight forms of copper, for all animal species ([EFSA-Q-2011-00741](#)) with particular regard to conditions of use and safety for the target animals.
- 5.2 The WG discussed the application on Sodium selenite for all animal species ([EFSA-Q-2014-00505](#)) and decided to inform the applicant on issues that required clarification.
- 5.3 The WG discussed the application on Sodium selenate for all animal species ([EFSA-Q-2014-00506](#)) and decided to inform the applicant on issues that required clarification.
- 5.4 The following item was not discussed: Dicopper oxide for all animal species ([EFSA-Q-2014-00629](#)).

#### **6. Next meeting**

26 January 2015

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 83<sup>rd</sup> meeting of the Working Group on Trace Elements**  
**Held on 19-21 November 2014, Parma**  
**(Agreed on 15 December 2014)**

These minutes replace an earlier version following an editorial amendment that does not affect their contents or outcome. To avoid confusion, the original version has been removed from the EFSA website.

### Participants

- **Working Group Experts:**
  - Noël Dierick,<sup>1</sup> Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp,<sup>2</sup> Christer Hogstrand, Lubomir Leng, Alberto Mantovani, Johannes Westendorf and Fernando Ramos<sup>3</sup>
  - and have participated via teleconference
- **Hearing Experts:<sup>4</sup>**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants.

### 2. Adoption of agenda

The agenda was adopted.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest,<sup>6</sup> EFSA

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<sup>1</sup> Present on 19 and 20

<sup>2</sup> Present on 19 and 20

<sup>3</sup> Present on 19 and 20

<sup>4</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

#### **4. Agreement of the minutes of the 78<sup>th</sup> and 79<sup>th</sup> Working Group meetings held on 20 October (Audio-web) and 18-19 November (Parma) 2014, respectively**

The minutes of the previous meetings were agreed.

#### **5. Scientific topics for discussion**

- 5.1 The Working Group (WG) continued its discussion on the application on Copper E4 Eight forms of copper, for all animal species ([EFSA-Q-2011-00741](#)) with particular regard to safety for target species and safety for consumers.
- 5.2 The WG continued its discussion on the application on Iron E1 “Ferric oxide, for all animal species ([EFSA-Q-2012-00492](#))” and decided to inform the applicant on issues that require clarification.
- 5.3 The WG discussed the application on Selenium E8 “Sodium selenite (film granulated preparations) for all animal species ([EFSA-Q-2014-00508](#))” and decided to inform the applicant on issues that require clarification.
- 5.4 The WG continued its preliminary discussion on the applications on Selenium E8 “Sodium selenite, for all animal species ([EFSA-Q-2014-00505](#))” and “Sodium selenate for all animal species ([EFSA-Q-2014-00506](#))” and decided that further discussion is needed.

#### **6. Next meeting**

15 December 2014

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 82<sup>nd</sup> meeting of the Working Group on Trace Elements**  
**Parma, 18-19 November 2014**  
**(Agreed on 20 November 2014)**

### Participants

- **Working Group Experts:**
  - Noël Dierick and Jürgen Gropp
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez and Maria Vittoria Vettori
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

An EFSA representative welcomed the participants.

### 2. Adoption of agenda

The agenda was adopted.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director on Declarations of Interest<sup>2</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

#### **4. Scientific topics for discussion**

- 4.1 The Working Group (WG) continued its discussion on the application on Iron E1 “Ferric oxide, for all animal species ([EFSA-Q-2012-00492](#))” and identified some issues which might require clarification and data from the applicant. It was decided that further discussion is needed.

#### **5. Next meeting**

19-21 November 2014

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 81<sup>st</sup> meeting of the Working Group on Trace Elements**  
**WEB-conference, 20 October 2014**  
**(Agreed on 19 November 2014)**

### Participants

- **Working Group Experts:**
  - Noël Dierick, Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng, Alberto Mantovani, Fernando Ramos and Johannes Westendorf
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants.

### 2. Adoption of agenda

The agenda was adopted.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director on Declarations of Interest<sup>2</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencypolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>



#### **4. Agreement of the minutes of the 80<sup>th</sup> Working Group meetings held on 1-2 October 2014 (Parma)**

The minutes of the previous meeting were agreed.

#### **5. Scientific topics for discussion**

- 5.1 The Working Group (WG) continued its discussion on the application on Copper E4 Eight forms of copper, for all animal species ([EFSA-Q-2011-00741](#)) with particular regard to safety for consumers.
- 5.2 The WG continued its preliminary discussion on the application on Selenium E8 Sodium selenite, for all animal species ([EFSA-Q-2014-00507](#)) and decided to inform the applicant, once the dossier is validated, on issues that required clarification.
- 5.3 During the meeting, the WG was informed, in order to plan the future discussions, that the following question has been received: Dicopper oxide for all animal species ([EFSA-Q-2014-00629](#)).
- 5.4 The following item was not discussed: “Ferric oxide, for all animal species ([EFSA-Q-2012-00492](#))”.

#### **6. Next meeting**

18-19 November 2014

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 80<sup>th</sup> meeting of the Working Group on Trace Elements**  
**Held on 01-02 October 2014, Parma**  
**(Agreed on 20 October 2014)**

These minutes replace an earlier version following an editorial amendment that does not affect their contents or outcome. To avoid confusion, the original version has been removed from the EFSA website.

### Participants

- **Working Group Experts:**
  - Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Lubomir Leng and Alberto Mantovani
  - Gerhard Flachowsky,<sup>1</sup> Christer Hogstrand<sup>2</sup> and Johannes Westendorf<sup>3</sup> have participated via teleconference
- **Hearing Experts:<sup>4</sup>**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Fernando Ramos.

### 2. Adoption of agenda

The agenda was adopted after withdrawal of the item “Ferrous carbonate for all animal species” ([EFSA-Q-2012-00495](http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf)).

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<sup>1</sup> Present on 1

<sup>2</sup> Present on 1 and 2 (AM)

<sup>3</sup> Present on 1 and 2 (PM)

<sup>4</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest,<sup>6</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

### 4. Agreement of the minutes of the 78<sup>th</sup> and 79<sup>th</sup> Working Group meetings held on 23-25 July 2014 (Parma) and 2 September 2014 (Audio-web), respectively

The minutes of the previous meetings were agreed.

### 5. Scientific topics for discussion

- 5.1 The Working Group (WG) discussed the application on Aminotrace Zinc Bislysinate for all animal species ([EFSA-Q-2014-00496](#)) and decided to inform the applicant on further issues that required clarification.
- 5.2 The WG continued its discussion on the application on Copper E8 Eight forms of copper, for all animal species ([EFSA-Q-2011-00741](#)) and decided to inform the applicant on further issues that required clarification.
- 5.3 During the meeting, the WG was informed, in order to plan the future discussions, that the following question has been received: Iron Dextran for all animal species ([EFSA-Q-2014-00592](#)).
- 5.4 The WG was informed that a new grouped mandate on Selenium (E8) has been received by EFSA and will proceed with the assessment accordingly.<sup>7</sup> A preliminary discussion on the mandate took place.
- 5.5 The following item was not discussed: "Ferric oxide, for all animal species ([EFSA-Q-2012-00492](#))".

### 6. Next meeting

20 October 2014

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<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>7</sup> [EFSA-Q-2014-00505](#), [EFSA-Q-2014-00506](#), [EFSA-Q-2014-00507](#), [EFSA-Q-2014-00508](#)

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 79<sup>th</sup> meeting of the Working Group on Trace Elements**  
**WEB-conference, 2 September 2014**  
**(Agreed on 1 October 2014)**

### Participants

- **Working Group Experts:**
  - Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng, Fernando Ramos and Johannes Westendorf
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Noël Dierick and Alberto Mantovani.

### 2. Adoption of agenda

The agenda was adopted.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>2</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencypolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

#### 4. Scientific topics for discussion

- 5.1 The Working Group (WG) continued its discussion on the application on Zinc E6 Eight forms of zinc, for all animal species ([EFSA-Q-2011-00845](#)) and decided to present it, modified accordingly, to the Plenary meeting.
- 5.2 The following items were not discussed: “Copper E4 Eight forms of copper for all animal species ([EFSA-Q-2011-00741](#))” and “Ferric oxide, for all animal species ([EFSA-Q-2012-00492](#))”.
- 5.3 During the meeting, the WG was informed, in order to plan the future discussions, that the following questions have been received: Aminotrace Zinc Bislysinate for all animal species ([EFSA-Q-2014-00496](#)), Sodium selenate for all animal species ([EFSA-Q-2014-00506](#)), Sodium selenite for all animal species ([EFSA-Q-2014-00507](#)) and Sodium selenite (film granulated preparations) for all animal species ([EFSA-Q-2014-00508](#)).

#### 5. Next meeting

01-02 October 2014

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 78<sup>th</sup> meeting of the Working Group on Trace Elements**  
**Held on 23-25 July 2014, Parma**  
**(Agreed on 1 October 2014)**

### Participants

- **Working Group Experts:**
  - Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Alberto Mantovani and Johannes Westendorf
  - Gerhard Flachowsky and Lubomir Leng have participated via teleconference
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Noël Dierick and Fernando Ramos.

### 2. Adoption of agenda

The agenda was adopted after withdrawal of the item “Ferrous carbonate for all animal species” ([EFSA-Q-2012-00492](#)).

### 3. Declarations of interest

In accordance with EFSA’s Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>2</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

**4. Agreement of the minutes of the 74<sup>th</sup>, 75<sup>th</sup>, 76<sup>th</sup> and 77<sup>th</sup> Working Group meetings held on 7-9 May 2014 (Munich), 12 June 2014 (Audio-web), 16 June 2014 (Audio-web) and 7 July 2014 (Audio-web), respectively**

The minutes of the previous meetings were agreed.

**5. Scientific topics for discussion**

- 5.1 The Working Group (WG) continued its discussion on the application on Zinc E6 Eight forms of zinc, for all animal species ([EFSA-Q-2011-00845](#)) and decided that further discussion is needed.
- 5.2 The following items were not discussed: “Copper E4 Eight forms of copper for all animal species ([EFSA-Q-2011-00741](#))” and “Ferric oxide, for all animal species ([EFSA-Q-2012-00492](#))”.

**6. Next meeting**

2 September 2014

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 77<sup>th</sup> meeting of the Working Group on Trace Elements**  
**WEB-conference, 7 July 2014**  
**(Agreed on 23 July 2014)**

### Participants

- **Working Group Experts:**
  - Gerhard Flachowsky, Mikolaj Gralak and Christer Hogstrand
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants.

### 2. Adoption of agenda

The agenda was adopted.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>2</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>



#### **4. Scientific topics for discussion**

- 5.1 The Working Group (WG) continued its discussion on the application on Zinc E6 “Zinc E6: Eight forms of zinc, for all animal species ([EFSA-Q-2011-00845](#))” and decided that further discussion is needed.
- 5.2 The following item was not discussed “Copper E4 Eight forms of copper, for all animal species ([EFSA-Q-2011-00741](#))”.

#### **5. Next meeting**

23-25 July 2014

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 76<sup>th</sup> meeting of the Working Group on Trace Elements**  
**WEB-conference, 16 June 2014**  
**(Agreed on 23 July 2014)**

### Participants

- **Working Group Experts:**
  - Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng, Alberto Mantovani and Johannes Westendorf
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Noël Dierick and Fernando Ramos.

### 2. Adoption of agenda

The agenda was adopted.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>2</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

#### 4. Scientific topics for discussion

- 5.1 The Working Group (WG) continued its discussion on the application Aminotrace Copper Bislysinate for all animal species ([EFSA-Q-2013-00407](#)), and decided to present it, modified accordingly, to the Plenary meeting.
- 5.2 The following items were not discussed: “Ferric oxide for all animal species ([EFSA-Q-2012-00492](#))”, “Zinc E6: Eight forms of zinc, for all animal species ([EFSA-Q-2011-00845](#))” and “Copper E4: Eight forms of copper, for all animal species ([EFSA-Q-2011-00741](#))”.

#### 5. Next meeting

23-25 July 2014

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 75<sup>th</sup> meeting of the Working Group on Trace Elements**  
**WEB-conference, 12 June 2014**  
**(Agreed on 23 July 2014)**

### Participants

- **Working Group Experts:**
  - Gerhard Flachowsky and Mikolaj Gralak
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Christer Hogstrand.

### 2. Adoption of agenda

The agenda was adopted.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>2</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

#### 4. Scientific topics for discussion

- 5.1 The Working Group (WG) continued its discussion on the application on Zinc E6 “Zinc E6: Eight forms of zinc, for all animal species ([EFSA-Q-2011-00845](#))”.
- 5.2 The following item was not discussed “Copper E4 Eight forms of copper, for all animal species ([EFSA-Q-2011-00741](#))”.

#### 5. Next meeting

16 June 2014

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 74<sup>th</sup> meeting of the Working Group on Trace Elements**  
**Held on 07-09 May 2014, Munich**  
**(Agreed on 23 July 2014)**

### Participants

- **Working Group Experts:**
  - Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand,<sup>1</sup> Lubomir Leng, Alberto Mantovani,<sup>2</sup> Fernando Ramos and Johannes Westendorf
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Vice-chair welcomed the participants. Apologies were received from Noël Dierick.

### 2. Adoption of agenda

The agenda was adopted after withdrawal of the item “Ferrous carbonate for all animal species” ([EFSA-Q-2012-00492](http://www.efsa.europa.eu/en/keydocs/docs/independencerule.pdf)).

### 3. Declarations of interest

In accordance with EFSA’s Policy on Independence and Scientific Decision-Making Processes<sup>3</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>4</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> Present on 8 and 9

<sup>2</sup> Present on 7 and 8

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerule.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerule.pdf>

#### **4. Agreement of the minutes of the 72<sup>nd</sup> and 73<sup>rd</sup> Working Group meetings held on 26-27 March 2014 (Munich) and 28<sup>th</sup> April 2014 (Audio-web), respectively**

The minutes of the previous meetings were agreed.

#### **5. Scientific topics for discussion**

- 5.1 The Working Group (WG) continued its discussion on the application on Aminotrace Copper Bislysinate for all animal species ([EFSA-Q-2013-00407](#)) and decided that further discussion is needed.
- 5.2 The WG continued its discussion on the application on Ferric oxide, for all animal species for all animal species ([EFSA-Q-2012-00492](#)), and decided that further discussion is needed.
- 5.3 The following items were not discussed: “Zinc E6 Eight forms of zinc, for all animal species ([EFSA-Q-2011-00845](#))” and “Copper E4 Eight forms of copper for all animal species ([EFSA-Q-2011-00741](#))”.

#### **6. Next meeting**

12 June 2014

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 73<sup>rd</sup> meeting of the Working Group on Trace Elements**  
**WEB-conference, 28 April 2014**  
**(Agreed on 7 May 2014)**

### Participants

- **Working Group Experts:**
  - Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng, Fernando Ramos and Johannes Westendorf
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Noël Dierick and Alberto Mantovani.

### 2. Adoption of agenda

The agenda was adopted.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>2</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>



#### **4. Scientific topics for discussion**

- 5.1 The Working Group (WG) continued its discussion on the application Aminotrace Copper Bislysinate for all animal species ([EFSA-Q-2013-00407](#)), and decided that further discussion is needed.
- 5.2 The WG continued its discussion on the application on Iron E1: Ferric oxide for all animal species ([EFSA-Q-2012-00492](#)), and decided that further discussion is needed.
- 5.3 The WG continued its discussion on the application on Zinc E6 “Zinc E6: Eight forms of zinc, for all animal species ([EFSA-Q-2011-00845](#))”, and decided that further discussion is needed.

#### **5. Next meeting**

7-9 May 2014

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 72<sup>nd</sup> meeting of the Working Group on Trace Elements**  
**Held on 26-27 March 2014, Munich**  
**(Agreed on 6 May 2014)**

### Participants

- **Working Group Experts:**
  - Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng and Fernando Ramos
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Noël Dierick, Alberto Mantovani and Johannes Westendorf.

### 2. Adoption of agenda

The agenda was adopted after withdrawal of the item “Ferric oxide for all animal species” ([EFSA-Q-2012-00492](#)).

### 3. Declarations of interest

In accordance with EFSA’s Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>2</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

#### **4. Agreement of the minutes of the 71<sup>st</sup> Working Group meeting held on 19-21 February 2014 (Parma)**

The minutes of the previous meeting were agreed.

#### **5. Scientific topics for discussion**

- 5.1 The Working Group (WG) discussed the application on Selenium enriched yeast *Saccharomyces cerevisiae* NCYC R645 (SelenoSource AF 2000) ([EFSA-Q-2014-00090](#)) and decided to present it, modified accordingly, to the Plenary meeting.
- 5.2 The WG continued its discussion on the application on Zinc E6: Eight forms of zinc, for all animal species ([EFSA-Q-2011-00845](#)), and decided that further discussion is needed.
- 5.3 The following items were not discussed: Eight forms of copper, for all animal species ([EFSA-Q-2011-00741](#)) and Aminotrace Copper Bislysinate for all animal species ([EFSA-Q-2013-00407](#)).

#### **6. Any Other Business**

Following discussions in the FEEDAP Plenary meeting, the WG drafted a statement concerning studies on tolerance of trace elements. The proposal is intended to be presented to the FEEDAP Plenary meeting for agreement.

#### **7. Next meeting**

28 April 2014

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 71<sup>st</sup> meeting of the Working Group on Trace Elements**  
**Held on 19-21 February 2014, Parma**  
**(Agreed on 26 March 2014)**

### Participants

- **Working Group Experts:**
  - Jürgen Gropp,<sup>1</sup> Christer Hogstrand, Lubomir Leng, Alberto Mantovani and Johannes Westendorf
  - Gerhard Flachowsky and Mikolaj Gralak<sup>2</sup> have participated via teleconference
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Noël Dierick and Fernando Ramos.

### 2. Adoption of agenda

The agenda was adopted after withdrawal of the items “Ferric oxide for all animal species” ([EFSA-Q-2012-00492](#)) and “Selenium enriched yeast *Saccharomyces cerevisiae* NCYC R645 (SelenoSource AF 2000)” ([EFSA-Q-2014-00090](#)).

### 3. Declarations of interest

In accordance with EFSA’s Policy on Independence and Scientific Decision-Making Processes<sup>3</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>4</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of

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<sup>1</sup> Present on 20 and 21

<sup>2</sup> Present on 20 and 21

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

#### **4. Agreement of the minutes of the 70<sup>th</sup> Working Group meeting held on 14 January 2014 (Parma)**

The minutes of the previous meeting were agreed.

#### **5. Scientific topics for discussion**

- 5.1 The WG continued its discussion on the application on Iron E1: Ferrous sulphate monohydrate for all animal species ([EFSA-Q-2012-00493](#)) and decided to present it, modified accordingly, to the Plenary meeting.
- 5.2 The WG continued its discussion on the application on Copper E4: Eight forms of copper, for all animal species ([EFSA-Q-2011-00741](#)), and decided that further discussion is needed.
- 5.3 The WG continued its discussion on the application on Zinc E6: Eight forms of zinc, for all animal species ([EFSA-Q-2011-00845](#)), and decided that further discussion is needed.
- 5.4 During the meeting, the WG considered the comments received from the Member States through the EFSA exchange platform for the following application: Aminotrace Copper Bislysinate for all animal species ([EFSA-Q-2013-00407](#)).

#### **6. Any Other Business**

The assessment of tolerance of cats to iodine described in the FEEDAP opinions of 2005<sup>5</sup> and 2013<sup>6</sup> was revised; the WG proposed a modification.

#### **7. Next meeting**

26-27 March 2014

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<sup>5</sup> Opinion of the Scientific Panel on Additives and Products or Substances used in Animal Feed on the request from the Commission on the use of iodine in feedingstuffs (EFSA, 2005) <http://www.efsa.europa.eu/en/efsajournal/doc/168.pdf>

<sup>6</sup> Scientific Opinion on the safety and efficacy of iodine compounds (E2) as feed additives for all animal species: calcium iodate anhydrous and potassium iodide, based on a dossier submitted by Ajay Europe SARL (EFSA, 2013a) <http://www.efsa.europa.eu/en/efsajournal/doc/3099.pdf>

Scientific Opinion on the safety and efficacy of iodine compounds (E2) as feed additives for all animal species: calcium iodate anhydrous, based on a dossier submitted by Calibre Europe SPRL/BVBA (EFSA, 2013b) <http://www.efsa.europa.eu/en/efsajournal/doc/3100.pdf>

Scientific Opinion on the safety and efficacy of iodine compounds (E2) as feed additives for all species: calcium iodate anhydrous and potassium iodide, based on a dossier submitted by HELM AG (EFSA, 2013c) <http://www.efsa.europa.eu/en/efsajournal/doc/3101.pdf>

Scientific Opinion on the safety and efficacy of iodine compounds (E2) as feed additives for all species: calcium iodate anhydrous (coated granulated preparation), based on a dossier submitted by Doxal Italia S.p.A. (EFSA, 2013d) <http://www.efsa.europa.eu/en/efsajournal/doc/3178.pdf>

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 70<sup>th</sup> meeting of the Working Group on Trace Elements**  
**Held on 14 January 2014, Parma**  
**(Agreed on 19 February 2014)**

### Participants

- **Working Group Experts:**
  - Noël Dierick, Jürgen Gropp and Christer Hogstrand
  - Gerhard Flachowsky, Mikolaj Gralak, Lubomir Leng, Alberto Mantovani, Fernando Ramos and Johannes Westendorf have participated via teleconference
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez and Oriol Ribó
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants.

### 2. Adoption of agenda

The agenda was adopted after the deletion of the item “Ferric oxide for all animal species” ([EFSA-Q-2012-00492](#)).

### 3. Declarations of interest

In accordance with EFSA’s Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>2</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

#### **4. Agreement of the minutes of the 68<sup>th</sup> and 69<sup>th</sup> Working Group meetings held on 18-19 November 2013 (Parma) and 20<sup>th</sup> December (Audio-Web), respectively**

The minutes of the previous meetings were agreed.

#### **5. Scientific topics for discussion**

- 5.1 The Working Group (WG) discussed the application on Manganese hydroxychloride for all animal species ([EFSA-Q-2013-00406](#)) and decided to inform the applicant on further issues that required clarification.
- 5.2 The WG continued its discussion on the application on Ferrous sulphate heptahydrate for all animal species ([EFSA-Q-2012-00494](#)) and decided to present it, modified accordingly, to the Plenary meeting.
- 5.3 The following item was not discussed: Ferrous sulphate monohydrate for all animal species ([EFSA-Q-2012-00493](#)).
- 5.4 During the meeting, the WG considered the comments received from the Member States through the EFSA exchange platform for the following application: Manganese hydroxychloride for all animal species ([EFSA-Q-2013-00406](#)).

#### **6. Next meeting**

19-21 February 2014

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 69<sup>th</sup> meeting of the Working Group on Trace Elements**  
**WEB-conference, 20 December 2013, Parma**  
**(Agreed on 14 January 2014)**

### Participants

- **Working Group Experts:**
  - Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng, Alberto Mantovani, Fernando Ramos and Johannes Westendorf
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez and Oriol Ribó
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Noël Dierick.

### 2. Adoption of agenda

The agenda was adopted after the deletion of the item Ferric oxide for all animal species ([EFSA-Q-2012-00492](#)).

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>2</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>



#### **4. Scientific topics for discussion**

- 5.1 The Working Group (WG) continued its discussion on the application Ferrous sulphate heptahydrate for all animal species ([EFSA-Q-2012-00494](#)) and decided that further discussion is needed.
- 5.2 The following item was not discussed: Ferrous sulphate monohydrate for all animal species ([EFSA-Q-2012-00493](#)).

#### **5. Next meeting**

14 January 2014

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 68<sup>th</sup> meeting of the Working Group on Trace Elements**  
**Held on 18-19 November 2013, Parma**  
**(Agreed on 14 January 2014)**

### Participants

- **Working Group Experts:**
  - Mikolaj Gralak, Jürgen Gropp, Lubomir Leng and Alberto Mantovani<sup>1</sup>
  - Noël Dierick<sup>2</sup> and Gerhard Flachowsky have participated via teleconference
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez and Oriol Ribó
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Vice-chair welcomed the participants. Apologies were received from Christer Hogstrand, Fernando Ramos and Johannes Westendorf.

### 2. Adoption of agenda

The agenda was adopted.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>3</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>4</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> Present on 19<sup>th</sup> November

<sup>2</sup> Present on 19<sup>th</sup> November

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

#### **4. Agreement of the minutes of the 67<sup>th</sup> Working Group meeting held on 30-31 October 2013 (Munich)**

The minutes of the previous meeting were agreed

#### **5. Scientific topics for discussion**

- 5.1 The Working Group (WG) continued its discussion on the application on DL-Selenomethionine (Mintrex®Se) ([EFSA-Q-2012-00914](#)) and decided to present it, modified accordingly, to the plenary meeting.
- 5.2 The WG discussed the application on Manganese hydroxychloride for all animal species ([EFSA-Q-2013-00406](#)) and decided to inform the applicant on issues that required clarification.
- 5.3 The WG discussed the application on Ferrous carbonate for all animal species ([EFSA-Q-2012-00495](#)) and decided to inform the applicant on issues that required clarification.
- 5.4 The following items were not discussed: Ferrous sulphate monohydrate for all animal species ([EFSA-Q-2012-00493](#)) and Ferrous sulphate heptahydrate for all animal species ([EFSA-Q-2012-00494](#)).

#### **6. Next meeting**

20 December 2013

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 67<sup>th</sup> meeting of the Working Group on Trace Elements**  
**Held on 30-31 October 2013, Munich**  
**(Agreed on 18 November 2013)**

### Participants

- **Working Group Experts:**
  - Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng and Johannes Westendorf
  - Noël Dierick<sup>1</sup> has participated via teleconference
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Alberto Mantovani and Fernando Ramos.

### 2. Adoption of agenda

The agenda was adopted after the deletion of the items Ferrous carbonate for all animal species ([EFSA-Q-2012-00495](#)) and the Request of scientific opinion on the modification of the terms of authorisation of Di copper chloride tri hydroxide ([EFSA-Q-2013-00662](#)).

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>3</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of

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<sup>1</sup> Present on 31<sup>st</sup> October

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

#### **4. Agreement of the minutes of the 65<sup>th</sup> and 66<sup>th</sup> Working Group meetings held on 18-21 September 2013 (Parma) and 30<sup>th</sup> September (Web-Conference), respectively**

The minutes of the previous meetings were agreed

#### **5. Scientific topics for discussion**

- 5.1 The WG continued its discussion on the application on the application on DL-Selenomethionine (Mintrex®Se) ([EFSA-Q-2012-00914](#)) and decided that further discussion is needed.
- 5.2 The Working Group discussed the application on Manganese hydroxychloride for all animal species ([EFSA-Q-2013-00406](#)) and decided that further discussion is needed.

#### **6. Any Other Business**

The recommendation given by the FEEDAP Panel in four opinions of trace element chelates of amino acids linked to the molecular weight of the compound of trace element was revised; the WG proposed a modification.

#### **7. Next meeting**

18-19 November 2013

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 66<sup>th</sup> meeting of the Working Group on Trace Elements**  
**WEB-conference, 30 September 2013**  
**(Agreed on 30 October 2013)**

### Participants

- **Working Group Experts:**
  - Noël Dierick, Gerhard Flachowsky, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng and Johannes Westendorf
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Alberto Mantovani.

### 2. Adoption of agenda

The agenda was adopted without changes.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>2</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

### 4. Scientific topics for discussion

- 4.1 The Working Group (WG) continued its discussion on the application on Manganese E5: "Manganous oxide and Manganous sulphate monohydrate for

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

all animal species” ([EFSA-Q-2012-00438](#)), and decided to present the draft opinion to the Plenary meeting.

- 4.2 The WG continued its preliminary discussion on the application on Manganese hydroxychloride for all animal species ([EFSA-Q-2013-00406](#)) and decided that further discussion is needed.
- 4.3 The following item was not discussed: DL-Selenomethionine (Mintrex®Se) for all animal species ([EFSA-Q-2012-00914](#)).

## **5. Next meeting**

30-31 October 2013

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 65<sup>th</sup> meeting of the Working Group on Trace Elements**  
**Held on 18-19 September 2013, Parma**  
**(Agreed on 30 October 2013)**

### Participants

- **Working Group Experts:**
  - Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng and Johannes Westendorf
  - Gerhard Flachowsky<sup>1</sup> has participated via teleconference
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Alberto Mantovani.

### 2. Adoption of agenda

The agenda was adopted without changes.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>3</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> Present on 19<sup>th</sup> September

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>



#### **4. Agreement of the minutes of the 63<sup>rd</sup> and 64<sup>th</sup> Working Group meetings held on 1-2 July 2013 (Parma) and 22<sup>nd</sup> July (Web-Conference), respectively**

The minutes of the previous meetings were agreed

#### **5. Scientific topics for discussion**

- 5.1 The WG continued its discussion on the application on Manganese E5: “Manganous oxide and Manganous sulphate monohydrate for all animal species” ([EFSA-Q-2012-00438](#)) and decided that further discussion is needed.
- 5.2 The WG continued its preliminary discussion on the application on Aminotrace Copper Bislysinatate for all animal species ([EFSA-Q-2013-00407](#)) and decided, once the dossier is valid, to inform the company on issues that required clarification.
- 5.3 During the meeting, the Working Group was informed, in order to plan the future discussions, that the following question has been received: Request of scientific opinion on the modification of the terms of authorisation of Di copper chloride tri hydroxide ([EFSA-Q-2013-00662](#)).
- 5.4 The following item was not discussed: Manganese hydroxychloride for all animal species ([EFSA-Q-2013-00406](#)).

#### **6. Next meeting**

30 September 2013

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 64<sup>th</sup> meeting of the Working Group on Trace Elements**  
**WEB-conference, 22 July 2013**  
**(Agreed on 18 September 2013)**

### Participants

- **Working Group Experts:**
  - Noël Dierick, Gerhard Flachowsky, Jürgen Gropp, Christer Hogstrand, Lubomir Leng and Alberto Mantovani.
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Mikolaj Gralak and Johannes Westendorf.

### 2. Adoption of agenda

The agenda was adopted without changes.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>2</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

#### 4. Scientific topics for discussion

- 4.1 The Working Group discussed the application on additional data on Zinc amino acid chelate, hydrate (Avalia® Zn) ([EFSA-Q-2013-00278](#)) and decided to present the draft opinion to the Plenary meeting.
- 4.2 The Working Group (WG) continued its discussion on the application on Manganese E5: “Manganous oxide and Manganous sulphate monohydrate for all animal species” ([EFSA-Q-2012-00438](#)), and decided that further discussion is needed.
- 4.3 The following items were not discussed: Manganese hydroxychloride for all animal species ([EFSA-Q-2013-00406](#)) and Aminotrace Copper Bislysinate for all animal species ([EFSA-Q-2013-00407](#)).

#### 5. Next meeting

18-19 September 2013

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 63<sup>rd</sup> meeting of the Working Group on Trace Elements**  
**Held on 1-2 July 2013, Parma**  
**(Agreed on 18 September 2013)**

### Participants

- **Working Group Experts:**
  - Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand and Alberto Mantovani<sup>1</sup>
  - Noël Dierick, Gerhard Flachowsky, Lubomir Leng and Johannes Westendorf have participated via teleconference
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 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

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>3</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> Present on 2<sup>nd</sup> July

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

#### **4. Agreement of the minutes of the 62<sup>nd</sup> Working Group meeting held on 5-7 June 2013 (Parma)**

The minutes of the previous meeting were agreed.

#### **5. Scientific topics for discussion**

- 5.1 The WG continued its discussion on the application on Iron E1: “Ferrous carbonate for all animal species” ([EFSA-Q-2012-00495](#)), and decided to inform the company on issues that required clarification.
- 5.2 The WG continued its discussion on the application on Iron E1: “Ferric oxide, for all animal species” ([EFSA-Q-2012-00492](#)) and decided to inform the company on issues that required clarification.
- 5.3 The WG continued its discussion on the application on Iron E1: “Ferrous sulphate heptahydrate, for all animal species” ([EFSA-Q-2012-00494](#)), and decided to inform the company on issues that required clarification.
- 5.4 The WG discussed the application on Manganese E5: “Manganese Amino Acid Chelate, hydrate for all animal species” ([EFSA-Q-2012-00436](#)), in the light of the comments received from the experts of the FEEDAP Panel, and decided to present the draft opinion again to the Plenary meeting.
- 5.5 The WG continued its discussion on the application on Manganese E5: “Manganous oxide, for all animal species” ([EFSA-Q-2012-00439](#)), and decided to present the draft opinion to the Plenary meeting.
- 5.6 During the meeting, the Working Group considered the comments received from the Member States through the EFSA exchange platform for the following application: DL-Selenomethionine for all animal species ([EFSA-Q-2012-00914](#)).
- 5.7 The WG continued its preliminary discussion on the application on Aminotrace Copper Bislysinate for all animal species ([EFSA-Q-2013-00003](#)).
- 5.8 The following items were not discussed: Manganous oxide and Manganous sulphate monohydrate for all animal species ([EFSA-Q-2012-00438](#)) and Manganese hydroxychloride for all animal species ([EFSA-Q-2013-00406](#)).

#### **6. Next meeting**

22 July 2013

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 62<sup>nd</sup> meeting of the Working Group on Trace Elements**  
**Held on 5-7 June 2013, Parma**  
**(Agreed on 1 July 2013)**

### Participants

- **Working Group Experts:**
  - Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng and Alberto Mantovani
  - Noël Dierick,<sup>1</sup> Gerhard Flachowsky and Johannes Westendorf<sup>2</sup> have participated via teleconference
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 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

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>3</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>4</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> On 6 June

<sup>2</sup> On 5 and 6 June

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

#### **4. Agreement of the minutes of the 61<sup>st</sup> Working Group meetings held on 6-7 May 2013 (Parma)**

The minutes of the previous meeting were agreed

#### **5. Scientific topics for discussion**

- 5.1 The WG continued its discussion on the application on Manganese E5: “Manganous oxide, for all animal species” ([EFSA-Q-2012-00439](#)) and decided to present the draft opinion to the Plenary meeting.
- 5.2 The WG continued its discussion on the application on Manganese E5: “Manganese Amino Acid Chelate, hydrate for all animal species” ([EFSA-Q-2012-00436](#)) and decided to present the draft opinion to the Plenary meeting.
- 5.3 The WG continued its discussion on the application on Iron E1: “Ferrous sulphate monohydrate, for all animal species” ([EFSA-Q-2012-00493](#)), and decided to inform the company on issues that required clarification.
- 5.4 A preliminary discussion took place on the application on Manganese hydroxychloride for all animal species ([EFSA-Q-2013-00406](#)).
- 5.5 A preliminary discussion took place on the application on Aminotrace Copper Bislysinate for all animal species ([EFSA-Q-2013-00003](#)).
- 5.6 The following item was not discussed: “Ferrous carbonate for all animal species” ([EFSA-Q-2012-00495](#)).

#### **6. Next meeting**

1-2 July 2013

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 61<sup>st</sup> meeting of the Working Group on Trace Elements**  
**Held on 6-7 May 2013, Parma**  
**(Agreed on 5 June 2013)**

### Participants

- **Working Group Experts:**
  - Noël Dierick, Jürgen Gropp, Gerhard Flachowsky, Christer Hogstrand and Alberto Mantovani<sup>1</sup>
  - Mikolaj Gralak, Lubomir Leng and Johannes Westendorf have participated via teleconference
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 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

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>3</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> Present on 6<sup>th</sup> May AM

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>



#### **4. Agreement of the minutes of the 59<sup>th</sup> and 60<sup>th</sup> Working Group meetings held on 20-22 March 2013 (Parma) and 12<sup>th</sup> April (Web-Conference), respectively**

The minutes of the previous meetings were agreed

#### **5. Scientific topics for discussion**

- 5.1 The WG continued its discussion on the application on Iron E1: “Iron Amino Acid Chelate, hydrate for all animal species” ([EFSA-Q-2012-00490](#)) and decided to present the draft opinion to the Plenary meeting.
- 5.2 The WG discussed the mandate on a request on a scientific opinion on additional data on the dossier Zinc amino acid chelate, hydrate for all animal species ([EFSA-Q-2013-00278](#)), and decided to inform the company on issues that required clarification.
- 5.3 The following items were not discussed: Manganous oxide, for all animal species” ([EFSA-Q-2012-00439](#)) and Manganese Amino Acid Chelate, hydrate for all animal species ([EFSA-Q-2012-00436](#)).

#### **6. Next meeting**

5-7 June 2013

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 60<sup>th</sup> meeting of the Working Group on Trace Elements**  
**WEB-conference, 12 April 2013**  
**(Agreed on 6 May 2013)**

### Participants

- **Working Group Experts:**
  - Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng, Alberto Mantovani and Johannes Westendorf.
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Gerhard Flachowsky.

### 2. Adoption of agenda

The agenda was adopted without changes.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>2</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

#### 4. Scientific topics for discussion

- 4.1 The Working Group discussed the application on DL-Selenomethionine (Mintrex<sup>®</sup>Se) ([EFSA-Q-2012-00914](#)) and decided to inform the applicant on issues that required clarification.
- 4.2 The Working Group (WG) continued its discussion on the application on Iron E1: “Iron amino acid chelate, hydrate (Availa<sup>®</sup> Fe) for all animal species” ([EFSA-Q-2012-00490](#)), and decided that further discussion is needed.
- 4.3 The following item was not discussed: Ferric oxide, for all animal species ([EFSA-Q-2012-00492](#)).

#### 5. Next meeting

6-7 May 2013

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 59<sup>th</sup> meeting of the Working Group on Trace Elements**  
**Held on 20-22 March 2013, Parma**  
**(Agreed on 6 May 2013)**

### Participants

- **Working Group Experts:**
  - Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng, Alberto Mantovani<sup>1</sup> and
  - Gerhard Flachowsky<sup>2</sup> has participated via teleconference
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Noël Dierick and Johannes Westendorf.

### 2. Adoption of agenda

The agenda was adopted without changes

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>3</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>4</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> Present on 21 and 22 March

<sup>2</sup> On 22 March

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

#### **4. Agreement of the minutes of the 57<sup>th</sup> and 58<sup>th</sup> Working Group meetings held on 16-18 January 2013 (Parma) and 4<sup>th</sup> February (Web-Conference), respectively**

#### **5. Scientific topics for discussion**

- 5.1 The Working Group (WG) continued its discussion on the application on L-Selenomethionine for all animal species ([EFSA-Q-2011-01109](#)), and decided to present the draft opinion to the Plenary meeting.
- 5.2 The WG discussed the application on DL-Selenomethionine (Mintrex®Se) for all animal species ([EFSA-Q-2012-00914](#)), and decided that further discussion is needed.
- 5.3 The WG continued its discussion on the application on Iron E1: “Iron Amino Acid Chelate, hydrate for all animal species” ([EFSA-Q-2012-00490](#)), and decided that further discussion is needed.
- 5.4 The following items were not discussed: Ferric oxide, for all animal species ([EFSA-Q-2012-00492](#)) and Manganous oxide, for all animal species ([EFSA-Q-2012-00439](#)).

#### **6. Next meeting**

12 April 2013

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FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 58<sup>th</sup> meeting of the Working Group on Trace Elements**  
**WEB-conference, 4 February 2013**  
**(Agreed on 20 March 2013)**

**Participants**

- **Working Group Experts:**
  - Noël Dierick, Gerhard Flachowsky, Jürgen Gropp, Christer Hogstrand, Lubomir Leng, Alberto Mantovani and Johannes Westendorf.
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

**1. Welcome and apologies for absence**

The Chair welcomed the participants. Apologies were received from Mikolaj Gralak.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>2</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

**4. Scientific topics for discussion**

- 4.1 The Working Group (WG) continued its discussion on the application on Iodine E2 "Calcium iodate anhydrous (film granulated preparation) for all animal

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<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

species” ([EFSA-Q-2011-00747](#)), assessing the supplementary information received, and decided to present the draft opinion to the Plenary meeting.

4.2 During the meeting, the Working Group was informed, in order to plan the future discussions, that the following question had been received:

- DL-Selenomethionine (Mintrex<sup>®</sup>Se) for all animal species ([EFSA-Q-2012-00914](#))

## 5. Next meeting

20-22 March 2013

## FEED UNIT

**Scientific Panel on Additives and Products or Substances Used in Animal Feed**  
**Minutes of the 57<sup>th</sup> meeting of the Working Group on Trace Elements**  
**Held on 16-18 January 2013, Parma**  
**(Agreed on 20 March 2013)**

### Participants

- **Working Group Experts:**
  - Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng, Alberto Mantovani<sup>1</sup> and Johannes Westendorf
  - Gerhard Flachowsky<sup>2</sup> has participated via teleconference
- **Hearing Experts:**
  - Not Applicable
- **European Commission and/or Member States representatives:**
  - Not Applicable
- **EFSA:**
  - FEED Unit: Gloria López-Gálvez
- **Others:**
  - Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Noël Dierick.

### 2. Adoption of agenda

The agenda was adopted without changes

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>3</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests,<sup>4</sup> EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

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<sup>1</sup> Present only on 16 January

<sup>2</sup> Only on 18 January

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>



#### **4. Agreement of the minutes of the 56<sup>th</sup> Working Group meeting held on 19-21 December 2012, Parma**

##### **5. Scientific topics for discussion**

- 5.1 The Working Group (WG) continued its discussion on the application on Iodine E2: “Iodine (2 forms of iodine), for all animal species” ([EFSA-Q-2011-00746](#)), assessing the supplementary information received, and decided to present the draft opinions to the Plenary meeting.
- 5.2 The WG continued its discussion on the application on Iodine E2: “Calcium iodate, anhydrous, for all animal species” ([EFSA-Q-2011-00745](#)), assessing the supplementary information received, and decided to present the draft opinions to the Plenary meeting.
- 5.3 The WG continued its discussion on the application on Copper E4: “Copper Amino Acid Chelate, hydrate for all animal species” ([EFSA-Q-2011-00742](#)) assessing the supplementary information received, and decided to present the draft opinion to the Plenary meeting.
- 5.4 The WG continued its discussion on the application on Manganese E5: “Manganous oxide, for all animal species” ([EFSA-Q-2012-00439](#)) and decided that further discussion is needed.

##### **6. Next meeting**

4 February 2013

Parma, 24 January 2013

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 56<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 19-21 December 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 16 January 2013)**

**Participants**

WG Experts: Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Gerhard Flachowsky, Christer Hogstrand, Lubomir Leng, Alberto Mantovani and Johannes Westendorf

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group continued its discussion on the application on Iodine E2 "Two forms of Iodine (calcium iodate, anhydrous and potassium iodide) for all species" (EFSA-Q-2011-00744) and decided to present the draft opinion to the Plenary meeting.

The Working Group continued its discussion on the application on L-Selenomethionine for all animal species (EFSA-Q-2011-01109) assessing the supplementary information received and decided to inform the applicant on issues that required clarification.

**5. Next meeting date**

16-18 January 2013.

Parma, 7 January 2013

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 55<sup>th</sup> meeting of the Working Group on Trace Elements**

**Audio-Web, 7 December 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 19 December 2012)**

**Participants**

WG Experts: Mikolaj Gralak, Jürgen Gropp, Gerhard Flachowski, Lubomir Leng  
Alberto Mantovani and.

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Vice-chair welcomed the participants. Apologies were received from Noël Dierick, Christer Hogstrand and Johannes Westendorf.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group continued its discussion on the application on Iodine E2 "Two forms of Iodine (calcium iodate, anhydrous and potassium iodide) for all species" (EFSA-Q-2011-00744) and decided that further discussion is needed.

**5. Next meeting date**

19-21 December 2012.

Parma, 7 January 2013

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 54<sup>th</sup> meeting of the Working Group on Trace Elements**

**Audio-Web, 26 November 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 19 December 2012)**

**Participants**

WG Experts: Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Gerhard Flachowsky, Christer Hogstrand, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Johannes Westendorf

**2. Adoption of agenda**

The agenda was adopted.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group continued its discussion on the application on Iodine E2 "Two forms of Iodine (calcium iodate, anhydrous and potassium iodide) for all species" (EFSA-Q-2011-00744) and decided that further discussion is needed.

**5. Next meeting date**

7 December 2012.

Parma, 7 January 2013

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 53<sup>rd</sup> meeting of the Working Group on Trace Elements**

**Barcelona, 15-16 November 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 19 December 2012)**

**Participants**

WG Experts: Mikolaj Gralak, Jürgen Gropp, Gerhard Flachowski, Christer Hogstrand and Lubomir Leng

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noël Dierick, Alberto Mantovani and Johannes Westendorf.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group continued its discussion on the application on Iodine E2 "Two forms of Iodine (calcium iodate, anhydrous and potassium iodide) for all species" (EFSA-Q-2011-00744) assessing the supplementary information received and decided that further discussion is needed.

**5. Next meeting date**

26 November 2012.

Parma, 20 November 2012

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 52<sup>nd</sup> meeting of the Working Group on Trace Elements**

**Parma, 29-31 October 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 15 November 2012)**

**Participants**

WG Experts: Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng and Johannes Westendorf.

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Vice-chair welcomed the participants. Apologies were received from Noël Dierick and Alberto Mantovani.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group (WG) continued its discussion on the application on Methionine-zinc, technically pure (EFSA-Q-2010-01315) for all animal species (as compounds of trace elements) and for ruminants (as amino acids, their salts and analogues), assessing the supplementary information received and decided to present the draft opinion to the Plenary meeting.

The WG continued its discussion on the applications on Copper E4 (EFSA-Q-2011-00741) and Zinc E6 (EFSA-Q-2011-00845) for all animal species, assessing the supplementary information received, and decided to inform the applicant on issues that required clarification in both dossiers.

**5. Next meeting date**

15-16 November 2012.

Parma, 20 November 2012

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 51<sup>st</sup> meeting of the Working Group on Trace Elements**

**Audio-Web, 1 October 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 29 October 2012)**

**Participants**

WG Experts: Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Joop de Knecht.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group continued its discussion on the application on Seleno-Hydroxy-Analogue of Methionine (EFSA-Q-2012-00058) assessing the supplementary information received and decided to present the draft opinion to the Plenary meeting.

**5. Next meeting date**

29-31 October 2012.



Parma, 20 November 2012

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 50<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 19-21 September 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 29 October 2012)**

**Participants**

WG Experts: Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Joop de Knecht.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group (WG) continued its discussion on the application on Seleno-Hydroxy-Analogue of Methionine (EFSA-Q-2012-00058) assessing the supplementary information received and decided that further discussion was needed.

The WG continued its discussion on the application on Zinc oxide for all species (EFSA-Q-2011-00844) and decided to present the draft opinion to the Plenary meeting.

The WG continued its discussion on the application on Copper Amino Acid Chelate, hydrate for all animal species (EFSA-Q-2011-00742) and decided to inform the applicant on issues that required clarification.

**5. Next meeting date**

1 October 2012.

Parma, 21 September 2012

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 49<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 18-20 July 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 19 September 2012)**

**Participants**

WG Experts: Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Joop de Knecht, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez, Ana Sofia Dias

**1. Welcome and apologies**

The Chair welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group (WG) continued its discussion on the application on Cupric sulphate pentahydrate, for all animal species (EFSA-Q-2011-00743), including the specific item on Maximum Residue Limits for copper in animal tissues and products. The WG decided to present the draft opinion to the plenary meeting.

The WG discussed the joint mandate on Iron E1 including six applications<sup>1</sup> and decided to inform the applicant on issues that required clarification.

**5. Next meeting date**

19-21 September 2012.

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<sup>1</sup> EFSA-Q-2012-00490, EFSA-Q-2012-00491, EFSA-Q-2012-00492, EFSA-Q-2012-00493, EFSA-Q-2012-00494 and EFSA-Q-2012-00495

Parma, 4 September 2012

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 48<sup>th</sup> meeting of the Working Group on Trace Elements**

**Audio-Web Meeting, 9 July 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 18 July 2012)**

**Participants**

WG Experts: Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Joop de Knecht and Lubomir Leng

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Vice-chair welcomed the participants. Apologies were received from Christer Hogstrand and Alberto Mantovani.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group continued its discussion on the application on Cupric sulphate pentahydrate for all animal species (EFSA-Q-2011-00743).

**5. Next meeting date**

18-20 July 2012.

Parma, 4 September 2012

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 47<sup>th</sup> meeting of the Working Group on Trace Elements**

**Munich, 28-29 June 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 18 July 2012)**

**Participants**

WG Experts: Mikolaj Gralak, Jürgen Gropp, Joop de Knecht, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noël Dierick and Christer Hogstrand.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group continued its discussion on the application on Cupric sulphate pentahydrate for all animal species (EFSA-Q-2011-00743). Within the Safety for Consumer section, the specific item on Maximum Residue Limits for copper in animal tissues and products was thoroughly discussed.

**5. Next meeting date**

9 July 2012.

Parma, 11 July 2012

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 46<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 14-16 May 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 28 June 2012)**

**Participants**

WG Experts: Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Joop de Knecht, Lubomir Leng and Alberto Mantovani  
EC: Wolfgang Trunk  
EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noël Dierick. The Chair expressed condolences on behalf of the Working group for the decease of one of the members, Reinhard Kroker, who was both our friend and colleague.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group (WG) continued its discussion on the application on Zinc sulphate monohydrate for all animal species (EFSA-Q-2011-00842) and decided to present the draft opinion to the plenary meeting.

The WG continued its discussion on the application on Selemax 1000/2000 (selenium-enriched yeast, *Saccharomyces cerevisiae* NCYC R646) for all animal species (EFSA-Q-2010-01029) assessing the supplementary information received, and decided to present the draft opinion to the plenary meeting.

The WG continued its discussion on the application on Cupric sulphate pentahydrate, for all animal species (EFSA-Q-2011-00743). The specific item on copper supplementation and

potential development of antibiotic resistance was discussed in the light of the report presented to the members of the group on a systematic literature review conducted on “Influence of Copper on antibiotic resistance of gut microbiota on pigs (including piglets)”.

The WG was informed that a new mandate on Manganese E5 including four applications<sup>1</sup> had been received by EFSA and will proceed with the assessment accordingly.

The WG was informed that a new mandate on Iron E1 including six applications<sup>2</sup> had been received by EFSA and will proceed with the assessment accordingly.

## **5. Next meeting date**

28-29 June 2012.

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<sup>1</sup> EFSA-Q-2012-00436, EFSA-Q-2012-00437, EFSA-Q-2012-00438 and EFSA-Q-2012-00436

<sup>2</sup> EFSA-Q-2012-00490, EFSA-Q-2012-00491, EFSA-Q-2012-00492, EFSA-Q-2012-00493, EFSA-Q-2012-00494 and EFSA-Q-2012-00495

Parma, 19 May 2012

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 45<sup>th</sup> meeting of the Working Group on Trace Elements**

**Audio-Web Meeting, 16 April 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 14 May 2012)**

**Participants**

WG Experts: Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand,  
Joop de Knecht and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Reinhard Kroker and Lubomir Leng.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group continued its discussion on the application on Tetra-basic zinc chloride for all animal species (EFSA-Q-2011-00124) assessing the supplementary information received, and decided to present the draft opinion to the plenary meeting.

**5. Next meeting date**

14-16 May 2012.

Parma, 21 May 2012

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 44<sup>th</sup> meeting of the Working Group on Trace Elements**

**Rome, 8 – 9 March 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 14 May 2012)**

**Participants**

WG Experts: Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Joop de Knecht, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group (WG) continued its discussion on the application on Cobalt (cobaltous acetate tetrahydrate, basic cobaltous carbonate monohydrate and cobaltous sulphate heptahydrate) for all animal species (EFSA-Q-2011-00330) assessing the supplementary information received, and decided that further discussion was needed.

The WG continued its discussion on the application on Zinc sulphate monohydrate for all animal species (EFSA-Q-2011-00842) assessing the supplementary information received, and decided that further discussion was needed.

A discussion took place on the application on Seleno-Hydroxy-Analogue of methionine (EFSA-Q-2012-00058) and decided to inform the applicant on issues that required clarification.



The WG revised the comments from Member States for the applications on Iodine E2.<sup>1</sup>

**5. Next meeting date**

16 April 2012.

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<sup>1</sup> EFSA-Q-2011-00744, EFSA-Q-2011-00745, EFSA-Q-2011-00746 and EFSA-Q-2011-00747.

Parma, 16 March 2012

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 43<sup>rd</sup> meeting of the Working Group on Trace Elements**

**Parma, 15 – 17 February 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 8 March 2012)**

**Participants**

WG Experts: Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Joop de Knecht, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noël Dierick.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group (WG) continued its discussion on the application on Tetra-basic zinc chloride for all animal species (EFSA-Q-2011-00124) assessing the supplementary information received, and decided to inform the applicant on issues that required clarification.

The WG continued its discussion on the application on Zinc amino acid chelate, hydrate for all species (EFSA-Q-2011-00843) assessing the supplementary information received, and decided to present the draft opinion to the plenary meeting.

The WG continued its discussion on the application on Cobalt carbonate for ruminants, horses and rabbits (EFSA-Q-2011-00332) assessing the supplementary information received, and decided to present the draft opinion to the plenary meeting.

A preliminary discussion took place on the application on Seleno-Hydroxy-Analogue of methionine (EFSA-Q-2012-00058).

The WG revised the report received from the European Union Reference Laboratory (EURL) for the applications on Copper E4.<sup>1</sup>

The WG revised the comments from Member States received for the applications on Cobalt E3.<sup>2</sup>

## **5. Next meeting date**

8-9 March 2012.

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<sup>1</sup> EFSA-Q-2011-00741, EFSA-Q-2011-00742, EFSA-Q-2011-00743.

<sup>2</sup> EFSA-Q-2011-00330, EFSA-Q-2011-00331, EFSA-Q-2011-00332.

Parma, 17 February 2012

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 42<sup>nd</sup> meeting of the Working Group on Trace Elements**

**Parma, 18 – 20 January 2012**

**EFSA / FEED Unit**

**(Agreed by the WG on 15 February 2012)**

**Participants**

WG Experts: Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Joop de Knecht, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Christer Hogstrand.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group (WG) continued its discussion on the Zinc sulphate, monohydrate, for all animal species (EFSA-Q-2011-00846) and decided to present the draft opinion to the plenary meeting.

The WG discussed the application on L-Selenomethionine for all animal species (EFSA-Q-2011-01109) and decided to inform the applicant on issues that required clarification.

The WG revised the Member States comments received for the applications on Copper E4.<sup>1</sup>

**5. Next meeting date**

15-17 February 2012.

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<sup>1</sup> EFSA-Q-2011-00741, EFSA-Q-2011-00742, EFSA-Q-2011-00743.

Parma, 23 January 2012

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 41<sup>st</sup> meeting of the Working Group on Trace Elements**

**Audio-web conference, 19 December 2011**

**EFSA / FEED Unit**

**(Agreed by the WG on 18 January 2012)**

**Participants**

WG Experts: Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Joop de Knecht, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group (WG) continued the discussion on the application on Zinc sulphate, monohydrate, for all animal species (EFSA-Q-2011-00846) assessing the supplementary information received.

The WG continued its preliminary discussion on the application on L-Selenomethionine for all animal species (EFSA-Q-2011-01109).

**5. Next meeting date**

18 to 20 January 2012.

Parma, 23 January 2012

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 40<sup>th</sup> meeting of the Working Group on Trace Elements**

**Munich, 29 November-1 December 2011**

**EFSA / FEED Unit**

**(Agreed by the WG on 18 January 2012)**

**Participants**

WG Experts: Mikolaj Gralak, Jürgen Gropp, Joop de Knecht, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noël Dierick and Christer Hogstrand.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group (WG) discussed the applications on Cobalt E3<sup>1</sup> and decided to inform the applicants on issues that required clarification.

The WG continued its preliminary discussion on the applications on Iodine E2<sup>2</sup> for all animal species. Some issues for which clarifications from the applicant will be required were identified.

A preliminary discussion took place on the application on L-Selenomethionine for all animal species (EFSA-Q-2011-01109).

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<sup>1</sup> EFSA-Q-2011-00330 for all animal species), EFSA-Q-2011-00331 (for all animal species), EFSA-Q-2011-00332 (for ruminants, horses and rabbits).

<sup>2</sup> EFSA-Q-2011-00744, EFSA-Q-2011-00745, EFSA-Q-2011-00746, EFSA-Q-2011-00747.

**5. Next meeting date**

19 December 2011 (Audio-web conference).

Parma, 2 December 2011

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 39<sup>th</sup> meeting of the Working Group on Trace Elements**

**Audio-web conference, 2 November 2011**

**EFSA / FEED Unit**

**(Agreed by the WG on 29 November 2011)**

**Participants**

WG Experts: Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand and Joop de Knecht

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Vice-chair welcomed the participants. Apologies were received from Noël Dierick, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group continued its discussion on the applications on Copper E4<sup>1</sup> and decided to inform the applicants on issues that required clarification.

**5. Next meeting date**

29 November to 1 December 2011.

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<sup>1</sup> EFSA-Q-2011-00741, EFSA-Q-2011-00742, EFSA-Q-2011-00743.



Parma, 2 December 2011

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 38<sup>th</sup> meeting of the Working Group on Trace Elements**

**Munich, 20-21 October 2011**

**EFSA / FEED Unit**

**(Agreed by the WG on 29 November 2011)**

**Participants**

WG Experts: Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Joop de Knecht, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noël Dierick.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group (WG) continued its discussion on the applications on Zinc E6<sup>1</sup> and decided to inform the applicants on issues that required clarification.

The WG continued its discussion on the applications on Copper E4<sup>2</sup> and decided that further discussion is needed.

**5. Next meeting date**

2 November 2011 (Audio-web conference).

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<sup>1</sup> EFSA-Q-2011-00842, EFSA-Q-2011-00843, EFSA-Q-2011-00844, EFSA-Q-2011-00845, EFSA-Q-2011-00846.

<sup>2</sup> EFSA-Q-2011-00741, EFSA-Q-2011-00742, EFSA-Q-2011-00743.

Parma, 28 October 2011

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 37<sup>th</sup> meeting of the Working Group on Trace Elements**

**Audio-web conference, 17 October 2011**

**EFSA / FEED Unit**

**(Agreed by the WG on 20 October 2011)**

**Participants**

WG Experts: Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Joop de Knecht.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group (WG) continued its discussion on the applications on Zinc E6<sup>1</sup> and decided that further discussion is needed.

**5. Next meeting date**

20 and 21 October 2011.

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<sup>1</sup> EFSA-Q-2011-00842, EFSA-Q-2011-00843, EFSA-Q-2011-00844, EFSA-Q-2011-00845, EFSA-Q-2011-00846.

Parma, 28 October 2011

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 36<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 14-16 September 2011**

**EFSA / FEED Unit**

**(Agreed by the WG on 20 October 2011)**

**Participants**

WG Experts: Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Joop de Knecht, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Alberto Mantovani on 15 and 16 September.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group (WG) discussed the applications on Zinc E6<sup>1</sup> and decided that further discussion is needed.

**5. Next meeting date**

17 October 2011 (Audio-web conference).

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<sup>1</sup> EFSA-Q-2011-00842, EFSA-Q-2011-00843, EFSA-Q-2011-00844, EFSA-Q-2011-00845, EFSA-Q-2011-00846.

Parma, 16 September 2011

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 35<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 20-22 July 2011**

**EFSA / FEED Unit**

**(Agreed by the WG on 14 September 2011)**

**Participants**

WG Experts: Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noël Dierick and Joop de Knecht.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group (WG) revised the European Union Reference Laboratory report comments from Member States received for the application on Tetra-basic zinc chloride (EFSA-Q-2011-00124).

The WG continued the preliminary discussion on the grouped mandate on Zinc E6.<sup>1</sup>

The WG continued the preliminary discussion on the grouped mandate on Iodine E2.<sup>2</sup>

The WG continued the preliminary discussion on the grouped mandate on Copper E4.<sup>3</sup>

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<sup>1</sup> EFSA-Q-2011-00842, EFSA-Q-2011-00843, EFSA-Q-2011-00844, EFSA-Q-2011-00845, EFSA-Q-2011-00846.

<sup>2</sup> EFSA-Q-2011-00744, EFSA-Q-2011-00745, EFSA-Q-2011-00746, EFSA-Q-2011-00747.

<sup>3</sup> EFSA-Q-2011-00741, EFSA-Q-2011-00742, EFSA-Q-2011-00743.

**5. Next meeting date**

14-16 September 2011.

Parma, 21 July 2011

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 34<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 5-6 July 2011**

**EFSA / FEED Unit**

**(Agreed by the WG on 20 July 2011)**

**Participants**

WG Experts: Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Joop de Knecht, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noël Dierick.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group (WG) revised the information received from the applicant for the dossier Di copper chloride tri hydroxide; crystal form 100% atacamite/paratacamite in a 1:1 to 1:1.5 ratio (TBCC) for all species (EFSA-Q-2010-01047), and decided to inform the applicant on issues that required clarification.

The WG revised the draft opinion on Methionine-zinc, technically pure as 3(b) nutritional additive compounds of trace elements for all animal species (EFSA-Q-2010-01315), and decided to inform the applicant on issues that required clarification.

The Working Group was informed that a new grouped mandate on Cobalt E3 has been received by EFSA and will proceed with the assessment accordingly.<sup>1</sup> A preliminary discussion on the mandate took place.

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<sup>1</sup> EFSA-Q-2011-00330, EFSA-Q-2011-00331, EFSA-Q-2011-00332.

The Working Group was informed that a new grouped mandate on Iodine E2 has been received by EFSA and will proceed with the assessment accordingly.<sup>2</sup> A preliminary discussion on the mandate took place.

The Working Group was informed that a new grouped mandate on Copper E4 has been received by EFSA and will proceed with the assessment accordingly.<sup>3</sup>

The Working Group was informed that a new grouped mandate on Zinc E6 has been received by EFSA and will proceed with the assessment accordingly.<sup>4</sup>

## **5. Next meeting date**

20-22 July 2011.

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<sup>2</sup> EFSA-Q-2011-00744, EFSA-Q-2011-00745, EFSA-Q-2011-00746, EFSA-Q-2011-00747.

<sup>3</sup> EFSA-Q-2011-00741, EFSA-Q-2011-00742, EFSA-Q-2011-00743.

<sup>4</sup> EFSA-Q-2011-00842, EFSA-Q-2011-00843, EFSA-Q-2011-00844, EFSA-Q-2011-00845, EFSA-Q-2011-00846.

Parma, 7 July 2011

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 33<sup>rd</sup> meeting of the Working Group on Trace Elements**

**Parma, 2-3 June 2011**

**EFSA / FEEDAP Unit**

**(Agreed by the WG on 5 July 2011)**

**Participants**

WG Experts: Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Joop de Knecht, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group finished the draft opinion on SelenoSource 2000 (Selenised yeast, *Saccharomyces cerevisiae* NCYC R645) for all animal species (EFSA-Q-2009-00254), in the light of the supplementary information received from the applicant. The WG decided to present the draft document to the Plenary.

A preliminary discussion took place on the application on Methionine-zinc in the parts concerning the characterisation of the product and the safety and efficacy of the additive as trace element for all animal species (EFSA-Q-2010-01315).

**5. Next meeting date**

5-6 July 2011.



Parma, 10 June 2011

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 32<sup>nd</sup> meeting of the Working Group on Trace Elements**

**Audio-Web conference, 2 May 2011**

**EFSA / FEED Unit**

**(Agreed by the WG on 2 June 2011)**

**Participants**

WG Experts: Noel Dierick, Jürgen Gropp, Christer Hogstrand, Joop de Knecht, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Mikolaj Gralak

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group revised the draft opinion on Tetra-basic zinc chloride, a nutritional additive for all animal species (EFSA-Q-2011-00124) and decided to inform the applicant on issues that required clarification.

**5. Next meeting date**

2-3 June 2011

Parma, 10 June 2011

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 31<sup>st</sup> meeting of the Working Group on Trace Elements**

**Brussels, 20-21 April 2011**

**EFSA / FEED Unit**

**(Agreed by the WG on 2 June 2011)**

**Participants**

WG Experts: Noël Dierick, Mikolaj Gralak, Jürgen Gropp, Christer Hogstrand, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EC: Aurelie Perrichet, Wolfgang Trunk

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Joop de Knecht.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group revised the draft opinion on Di copper chloride tri hydroxide; crystal form 100% atacamite/paratacamite in a 1:1 to 1:1.5 ratio (TBCC) for all species (EFSA-Q-2010-01047) and decided to inform the applicant on an issue that required clarification. The WG decided to present the draft document to the Plenary for a preliminary discussion.

The Working Group revised the draft opinion on Tetra-basic zinc chloride, a nutritional additive for all animal species (EFSA-Q-2011-00124) and decided that further discussion is needed.

A second preliminary discussion took place on the application on Iodine (calcium iodate and potassium iodide), for all animal species (EFSA-Q-2010-01317).

**5. Next meeting date**

2 May 2011, audio-web conference.

Parma, 3 May 2011

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 30<sup>th</sup> meeting of the Working Group on Trace Elements**

**Brussels, 2-3 March 2011**

**EFSA / FEEDAP Unit**

**(Agreed by the WG on 20 April 2011)**

**Participants**

WG Experts: Noël Dierick, Mikolaj A. Gralak, Jürgen Gropp, Christer Hogstrand, Joop de Knecht, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Joop de Knecht the first day.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

A preliminary discussion took place on the application on Iodine (calcium iodate and potassium iodide), for all animal species (EFSA-Q-2010-01317).

**5. Next meeting date**

20-21 April 2011

Parma, 08 March 2011

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 29th meeting of the Working Group on Trace Elements**

**Parma, 25-27 January 2011**

**EFSA / FEEDAP Unit**

**(Agreed by the WG on 2 March 2011)**

**Participants**

WG Experts: Mikolaj A. Gralak, Jürgen Gropp, Christer Hogstrand, Joop de Knecht, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noël A. Dierick.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group discussed the application on Selenium enriched yeast, *Saccharomyces cerevisiae* YSC 11111-R646 (Selemax 1000/2000) for all species (EFSA-Q-2010-01029) and decided to inform the applicant on issues that required clarification.

The Working Group discussed the application on Di copper chloride tri hydroxide (TBCC) for all species (EFSA-Q-2010-01047) and decided to inform the applicant on issues that required clarification.

**5. Next meeting date**

2-3 March 2011

Parma, 08 March 2011

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 28<sup>th</sup> meeting of the Working Group on Trace Elements**

**(Subgroup on Sel-Plex<sup>®</sup>)**

**Audio web-conference, 18<sup>th</sup> November 2010**

**EFSA / FEEDAP Unit**

**(Agreed by the WG by written adoption on 07 March 2011)**

**Participants**

WG Experts: Alberto Mantovani, Jurgen Gropp, Mikolaj Gralak, Lubomir Leng, Reinhard Kroker and Francesc Guardiola

EFSA: Matteo L. Innocenti

**1. Welcome and apologies**

The Chair welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group continued its discussion on Sel-Plex<sup>®</sup> (organic form of selenium produced by *Saccharomyces cerevisiae* CNCM I-3060) for all species (EFSA-Q-2009-00752) and decided to present the draft document, modified accordingly, to the plenary meeting.

**5. Next meeting date**

25-27 January 2011

Parma, 08 March 2011

**SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 27<sup>th</sup> meeting of the Working Group on Trace Elements**

**(Subgroup on Sel-Plex<sup>®</sup>)**

**Brussels, 25<sup>th</sup> - 27<sup>th</sup> October 2010**

**EFSA / FEEDAP Unit**

**(Agreed by the WG on 18<sup>th</sup> November 2010)**

**Participants**

WG Experts: Jürgen Gropp, Francesc Guardiola, Lubomir Leng, Mikolaj Gralak and Alberto Mantovani

EFSA: Matteo L. Innocenti

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Reinhard Kroker.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA secretariat screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the scientific experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group continued its discussion on Sel-Plex<sup>®</sup> (organic form of selenium produced by *Saccharomyces cerevisiae* CNCM I-3060) for all species (EFSA-Q-2009-00752) and decided that further discussion is needed.

**5. Next meeting date**

Next meeting date has not been decided.

Parma, 08 March 2011

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 26<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 8<sup>th</sup> and 9<sup>th</sup> July 2010**

**(Agreed by the WG on 25 October 2010)**

**Participants**

WG Experts: Jürgen Gropp, Francesc Guardiola, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez, Matteo L. Innocenti

**1. Welcome and apologies**

The Chair welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted. Apologies were received from Mikolaj A. Gralak.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA secretariat screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the scientific experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group reviewed again the Member State comments received for the application KemTRACE Zn (Zinc Propionate) for all species (EFSA-Q-2009-00883), and decided to send to the applicant an addendum to the supplementary information requested on February 2010.

The Working Group continued the discussion on the draft opinion on Sel-Plex® (organic form of selenium produced by *Saccharomyces cerevisiae* CNCM I-3060) for all species (EFSA-Q-2009-00752).

Parma, 21 June 2010

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 25<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 17 and 18 June 2010**

**(Adopted by the WG on 8 July 2010)**

**Participants**

WG Experts: Mikolaj A. Gralak, Jürgen Gropp, Francesc Guardiola, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

European Commission: Wolfgang Trunk (only first day)

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA secretariat screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the scientific experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group reviewed the Community Reference Laboratory (CRL) report and the Member State comments received for the applications SelenoSource 2000 (Selenium enriched yeast) for all species (EFSA-Q-2009-00524) and KemTRACE Zn (Zinc Propionate) for all species (EFSA-Q-2009-00883).

The Working Group continued the discussion on the draft opinion on Sel-Plex® (organic form of selenium produced by *Saccharomyces cerevisiae* CNCM I-3060) for all species (EFSA-Q-2009-00752).



Parma, 12 May 2010

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 24<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 11 May 2010**

**(Adopted by the WG on 17 June 2010)**

**Participants**

WG Experts: Mikolaj A. Gralak, Jürgen Gropp, Francesc Guardiola, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Nils-Gunnar Ilback and Reinhard Kroker.

**2. Adoption of agenda**

The agenda was adopted.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA secretariat screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the scientific experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group discussed the draft opinion on Sel-Plex® (organic form of selenium produced by *Saccharomyces cerevisiae* CNCM I-3060) as a zootechnical additive for all species (EFSA-Q-2009-00752).

Parma, 15 March 2010

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 23<sup>rd</sup> meeting of the Working Group on Trace Elements**

**Parma, 11 and 12 March 2010**

**(Adopted by the WG on 17 June 2010)**

**Participants**

WG Experts: Mikolaj A. Gralak, Jürgen Gropp, Francesc Guardiola, Reinhard Kroker, Lubomir Leng and Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Nils-Gunnar Ilback.

**2. Adoption of agenda**

The agenda was adopted.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA secretariat screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the scientific experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

The Working Group continued the preliminary discussion on the application on Sel-Plex® (organic form of selenium produced by *Saccharomyces cerevisiae* CNCM I-3060) as a zootechnical additive for all species (EFSA-Q-2009-00752). A proposal for the structure of the draft opinion and the distribution of tasks among the WG experts were agreed.

Parma, 21 January 2010

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 22<sup>nd</sup> meeting of the Working Group on Trace Elements**

**Parma, 14 and 15 January 2010**

**(Adopted by the WG on 11 March 2010)**

**Participants**

WG Experts: Mikolaj A. Gralak, Jürgen Gropp, Nils-Gunnar Ilback, Reinhard Kroker, Lubomir Leng, Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. No apologies were received.

**2. Adoption of agenda**

The agenda was adopted with some changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA secretariat screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the scientific experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

- The Working Group discussed the draft opinion on Selenomethionine from Selenium enriched yeast *Saccharomyces cerevisiae* NCYC R645 (SelenoSource AF 2000) for all species (EFSA-Q-2009-00524), and decided to inform the applicant on issues that required clarification.
- The Working Group discussed the draft opinion on Zinc Propionate (KemTRACE Zn) for all species (EFSA-Q-2009-00883), and decided to inform the applicant on issues that required clarification.
- The Working Group started a preliminary discussion on the application on Sel-Plex® (organic form of selenium produced by *Saccharomyces cerevisiae* CNCM I-3060) for all species (EFSA-Q-2009-00752).

Parma, 8 December 2009

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 21<sup>st</sup> meeting of the Working Group on Trace Elements**

**Parma, 18 and 19 November 2009**

**Adopted by the WG on 14 January 2010**

**Participants**

WG Experts: Mikolaj A. Gralak, Jürgen Gropp, Nils-Gunnar Ilback, Reinhard Kroker, Lubomir Leng, Alberto Mantovani

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. No apologies were received.

**2. Adoption of agenda**

The agenda was adopted with some changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA secretariat screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the scientific experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

- The Working Group discussed the draft opinion on Zinc chelate of amino acids hydrate (Biokey<sup>®</sup> Zinc) for all species (EFSA-Q-2008-015), and decided to inform the applicant on issues that required clarification.
- The Working Group continued its preliminary discussion on the application on Selenomethionine from Selenium enriched yeast *Saccharomyces cerevisiae* NCYC R645 (SelenoSource AF 2000) for all species (EFSA-Q-2009-00524).

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**FEEDAP UNIT**

Parma, 11 November 2009

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 20<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 9 November 2009**

**(Adopted by the WG on 5 February 2010 by written procedures)**

**Participants**

WG Experts: Bogdan Debski, Jürgen Gropp, Lubomir Leng, Alberto Mantovani,  
Christer Hogstrand and Carlo S. Nebbia

EFSA: Matteo L. Innocenti

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noel Dierick.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

- The Working Group revised the draft opinion on the Assessment of the use of cobalt compounds as additive in animal nutrition (EFSA-Q-2009-721) and decided to present it, modified accordingly, to the plenary meeting.

**5. Next meeting date**

18-19 November 2009



Parma, 6 November 2009

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 19<sup>th</sup> meeting of the Working Group on Trace Elements**

**Brussels, 6 November 2009**

**(adopted by the WG on 9 November 2009)**

**Participants**

WG Experts: Bogdan Debski, Jürgen Gropp, Lubomir Leng, Alberto Mantovani,  
Christer Hogstrand and Carlo S. Nebbia

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Carlo Nebbia

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA secretariat screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the scientific experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

- The Working Group continued its discussion on draft opinion on Zinc chelate of hydroxy analogue of methionine (Mintrex<sup>®</sup>Zn) for all species (EFSA-Q-2009-00667), and decided to present the draft document, modified accordingly, to the plenary meeting.
- The Working Group continued its discussion on draft opinion on Copper chelate of hydroxy analogue of methionine (Mintrex<sup>®</sup>Cu) for all species (EFSA-Q-2009-00628), and decided to present the draft document, modified accordingly, to the plenary meeting.
- The Working Group continued its discussion on draft opinion on Manganese chelate of hydroxy analogue of methionine (Mintrex<sup>®</sup>Mn) for all species (EFSA-Q-2009-00630), and decided that further discussion is needed.

Parma, 4 November 2009

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 18<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 5-7 October 2009**

**(adopted by the WG on 6 November 2009)**

**Participants**

WG Experts: Bogdan Debski, Jürgen Gropp, Lubomir Leng, Alberto Mantovani, Christer Hogstrand and Carlo S. Nebbia

EFSA: Matteo L. Innocenti

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noel Dierick, Carlo Nebbia (1st day) and Alberto Mantovani (3rd day).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA secretariat screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the scientific experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

- The Working Group continued its discussion on draft opinion on Zinc chelate of hydroxy analogue of methionine (Mintrex<sup>®</sup>Zn) for all species (EFSA-Q-2009-00667), and decided to present the draft document, modified accordingly, to the plenary meeting.
- The Working Group continued its discussion on the draft opinion related to the Assessment of the use of cobalt compounds as additive in animal nutrition (EFSA-Q-2009-721) and decided that further discussion is needed.



Parma, 8 October 2009

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 17<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 16-18 September 2009**

**(adopted by the WG on 5 October 2009)**

**Participants**

WG Experts: Bogdan Debski, Jürgen Gropp, Lubomir Leng, Alberto Mantovani, Christer Hogstrand and Carlo S. Nebbia

EFSA: Gloria López-Gálvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noel Dierick, Jürgen Gropp (3rd day) and Carlo Nebbia (3rd day).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

EFSA secretariat screened the ADol and SDol filled in by the scientific experts invited at this meeting in accordance with EFSA's Policy on Declarations of Interests.

With regard to the ADol, SDol and this meeting no other interest than those already declared in the ADol or in a previous SDol and screened by EFSA in accordance with its Policy on Declarations of Interests and implementing documents thereof was declared by the experts.

**4. Discussions**

The Working Group discussed the application on Mintrex<sup>®</sup>Zn (Zinc chelate of hydroxy analogue of methionine) for all species (EFSA-Q-2009-00667), Mintrex<sup>®</sup>Mn (Manganese chelate of hydroxy analogue of methionine) for all species (EFSA-Q-2009-00630) and Mintrex<sup>®</sup>Cu (Copper chelate of hydroxy analogue of methionine) for all species (EFSA-Q-2009-00628) and decided to inform the applicant on issues that required clarification.

Parma, 16 September 2009

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 16<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 9-10 September 2009**

**(Adopted by the WG on 16 September 2009)**

**Participants**

WG Experts: Bogdan Debski, Jürgen Gropp, Lubomir Leng, Alberto Mantovani, Christer Hogstrand and Carlo S. Nebbia

EFSA: Matteo L. Innocenti

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noel Dierick.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

EFSA secretariat screened the ADol and SDol filled in by the scientific experts invited at this meeting in accordance with EFSA's Policy on Declarations of Interests.

With regard to the ADol, SDol and this meeting no other interest than those already declared in the ADol or in a previous SDol and screened by EFSA in accordance with its Policy on Declarations of Interests and implementing documents thereof was declared by the experts.

**4. Discussions**

- The Working Group discussed the application on Mintrex<sup>®</sup>Mn (Manganese chelate of hydroxy analogue of methionine) for chickens for fattening (EFSA-Q-2009-00489) and decided to present the draft opinion, modified accordingly, to the plenary meeting.
- The Working Group discussed the draft opinion related to the Assessment of the use of cobalt compounds as additive in animal nutrition (EFSA-Q-2009-721) and concluded that further discussion is needed.
- During the meeting, the Working Group was informed, in order to plan the future discussions, that the following application has been received:
  - EFSA-Q-2009-00752, SEL-PLEX (organic form of selenium produced by *Saccharomyces cerevisiae*) for all animal species

Parma, 10 September 2009

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the 15<sup>th</sup> meeting of the Working Group on Trace Elements**

**Munich, 1-3 July 2009**

**(Adopted by the WG on 9 September 2009)**

**Participants**

WG Experts: Bogdan Debski, Jürgen Gropp, Lubomir Leng, Alberto Mantovani, Christer Hogstrand and Carlo S. Nebbia

EFSA: Matteo L. Innocenti

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noel Dierick, Carlo Nebbia (1<sup>st</sup> and 3<sup>rd</sup> days) and Alberto Mantovani (3<sup>rd</sup> day)

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

EFSA secretariat screened the ADol and SDol filled in by the scientific experts invited at this meeting in accordance with EFSA's Policy on Declarations of Interests.

With regard to the ADol, SDol and this meeting no other interest than those already declared in the ADol or in a previous SDol and screened by EFSA in accordance with its Policy on Declarations of Interests and implementing documents thereof was declared by the experts.

**4. Discussions**

- The Working Group had a first discussion on the application on SelenoSource AF 2000 (Selenomethionine) for all species (EFSA-Q-2009-00524).
- The Working Group discussed the application on Mintrex<sup>®</sup>Mn (Manganese chelate of hydroxy analogue of methionine) for chickens for fattening (EFSA-Q-2009-00489) and decided to inform the applicant on issues that required clarification.

Parma, 12 March 2009

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the meeting of the 14<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 10-11 March 2009**

**(adopted by the WG on 1 July 2009)**

**Participants**

WG Experts: Bogdan Debski, Jürgen Gropp, Lubomir Leng, Alberto Mantovani, Christer Hogstrand and Carlo S. Nebbia

EFSA: Matteo L. Innocenti and Jaume Galobart

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noël A. Dierick.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

EFSA secretariat screened the ADol and SDol filled in by the scientific experts invited at this meeting in accordance with EFSA's Policy on Declarations of Interests.

With regard to the ADol, SDol and this meeting no other interest than those already declared in the ADol or in a previous SDol and screened by EFSA in accordance with its Policy on Declarations of Interests and implementing documents thereof was declared by the experts.

**4. Discussions**

- The Working Group discussed the application on Availa<sup>®</sup>Cr for all species (EFSA-Q-2006-066) and decided to present the draft opinion, modified accordingly, to the plenary meeting
- The Working Group discussed the application on Mintrex<sup>®</sup>Zn (Zinc chelate of hydroxy analogue of methionine) for chickens for fattening (EFSA-Q-2009-00424), and decided to present the draft opinion, modified accordingly, to the plenary meeting.

Parma, 11 March 2009

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the meeting of the 13<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 10-11 February 2009**

**(adopted by the WG on 10 March 2009)**

**Participants**

WG Experts: Bogdan Debski, Jürgen Gropp, Lubomir Leng, Alberto Mantovani, Christer Hogstrand and Carlo S. Nebbia

EFSA: Matteo L. Innocenti and Jaume Galobart

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Noël A. Dierick.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

EFSA secretariat screened the ADol and SDol filled in by the scientific experts invited at this meeting in accordance with EFSA's Policy on Declarations of Interests.

With regard to the ADol, SDol and this meeting no other interest than those already declared in the ADol or in a previous SDol and screened by EFSA in accordance with its Policy on Declarations of Interests and implementing documents thereof was declared by the experts.

**4. Discussions**

The Working Group discussed the application on safety and efficacy of chromium methionine (Availa<sup>®</sup>Cr) as feed additive for all species (EFSA-Q-2006-066), in its part related to the Assessment of the additive Availa<sup>®</sup>Cr as feed additive in animal nutrition. The Working Group concluded that further discussion is needed.

Parma, 11 February 2009

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the meeting of the 12<sup>th</sup> meeting of the Working Group on Trace Elements**

**Parma, 3 November 2008**

**(adopted by the WG on 10 February 2009)**

**Participants**

WG Experts: Francesco Cubadda, Bogdan Debski, Jürgen Gropp, Lubomir Leng, Alberto Mantovani and Carlo S. Nebbia

EFSA: Matteo L. Innocenti and Gloria Lopez-Galvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Christer Hogstrand and Noël A. Dierick.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

EFSA secretariat screened the ADol and SDol filled in by the scientific experts invited at this meeting in accordance with EFSA's Policy on Declarations of Interests.

With regard to the ADol, SDol and this meeting no other interest than those already declared in the ADol or in a previous SDol and screened by EFSA in accordance with its Policy on Declarations of Interests and implementing documents thereof was declared by the experts.

**4. Discussions**

The Working Group discussed the application on Safety and efficacy of chromium methionine (Availa<sup>®</sup>Cr) as feed additive for all species (EFSA-Q-2006-066), in its part related to the related to the Assessment of Chromium(III) as feed additive in animal nutrition. The Working Group decided to present this part of the draft opinion, modified accordingly, to the plenary meeting.

Parma, 2 December 2008

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the meeting of the Working Group on Trace Elements  
(Subgroup on Selsaf)**

**Parma, 20 October 2008**

**(adopted by the WG on 1 December 2008 by written procedures)**

**Participants**

WG Experts:\*                      Jürgen Gropp, Lubomir Leng, Alberto Mantovani

EFSA:                                Matteo L. Innocenti, Gloria Lopez-Galvez

**1. Welcome and apologies**

The Chair welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

No particular interests relevant to the items on the agenda were declared.

**4. Discussions**

The Working Group continued its discussion on the application EFSA-Q-2008-381. The discussion centered mainly on the efficacy and the safety of the product.

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\* Based on the scope of the mandate received from the European Commission, only the experts of this WG with the relevant expertise have been appointed to prepare the draft opinion(s) of reference.

Parma, 10 November 2008

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the meeting of the Working Group on Trace Elements  
(Subgroup on Selsaf)**

**Parma, 1 October 2008**

**(adopted by the WG on 20 October 2008)**

**Participants**

WG Experts:\*                   Jürgen Gropp, Lubomir Leng

EFSA:                            Matteo L. Innocenti, Gloria Lopez-Galvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Alberto Mantovani.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

No particular interests relevant to the items on the agenda were declared.

**4. Discussions**

The Working Group discussed the application EFSA-Q-2008-381, after a formal agreement of the proposed distribution of tasks. General issues in relation to Selenised yeast were discussed; additionally, the chapters on Introduction, Characterisation of the product and Efficacy were reviewed.

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\* Based on the scope of the mandate received from the European Commission, only the experts of this WG with the relevant expertise have been appointed to prepare the draft opinion(s) of reference.



Parma, 10 November 2008

**PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED**

**Minutes of the meeting of the Working Group on Trace Elements**

**Parma, 29-30 September 2008**

**(adopted by the WG on 3 November 2008)**

**Participants**

WG Experts:\* Francesco Cubadda, Bogdan Debski, Noël A. Dierick, Jürgen Gropp, Lubomir Leng, Alberto Mantovani and Carlo S. Nebbia

EFSA: Matteo L. Innocenti, Gloria Lopez-Galvez

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Christer Hogstrand.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

No particular interests relevant to the items on the agenda were declared.

**4. Discussions**

The Working Group continued the discussion of the application EFSA-Q-2006-066, in its part related to the Assessment of Chromium(III) as feed additive in animal nutrition, in particular on the main issues of the document and the conclusions. This general part is expected to be finished in the next Working Group meeting and to be presented in the FEEDAP Panel Plenary meeting of November.

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\* Based on the scope of the mandate received from the European Commission, only the experts of this WG with the relevant expertise have been appointed to prepare the draft opinion(s) of reference.