

Parma, 22 August 2012

### SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 32<sup>nd</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Parma, 22 August 2012 EFSA / Unit /GMO

## Agreed by the WG on 22 August 2012

**Participants** 

WG Experts Lieve Herman, Boet Glandorf, Niels Hendriksen, John Heritage,

Sirpa Kärenlampi, Kaare Nielsen and Christoph Tebbe.

Hearing Experts
Observers (eg.EC)

EFSA: Jaime Aguilera, Ana Gomes, Irina Olaru and Jordi Tarres-Call

### 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/or 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) Vitamin B2 (riboflavin) for all animal species (EFSA-Q-2010-01017)

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

### b) L-threonine, technically pure for all animal species (EFSA-Q-2010-01156)



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Hearing Experts
Observers (eg.EC)

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### 4. Discussions

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The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

### b) L-threonine, technically pure for all animal species (EFSA-Q-2010-01156)



Parma, 22 August 2012

### SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 32<sup>nd</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Parma, 22 August 2012 EFSA / Unit /GMO

## Agreed by the WG on 22 August 2012

**Participants** 

WG Experts Lieve Herman, Boet Glandorf, Niels Hendriksen, John Heritage,

Sirpa Kärenlampi, Kaare Nielsen and Christoph Tebbe.

Hearing Experts
Observers (eg.EC)

EFSA: Jaime Aguilera, Ana Gomes, Irina Olaru and Jordi Tarres-Call

### 1. Welcome and apologies

The Chair welcomed the participants.

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The agenda was adopted without changes.

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### 4. Discussions

### a) Vitamin B2 (riboflavin) for all animal species (EFSA-Q-2010-01017)

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

### b) L-threonine, technically pure for all animal species (EFSA-Q-2010-01156)



Parma, 22 June 2012

## SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 31<sup>st</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Parma, 22 June 2012 EFSA / Unit /GMO

## Agreed by the WG on 22 June 2012

**Participants** 

WG Experts Lieve Herman and Sirpa Kärenlampi.

Hearing Experts

Observers (eg.EC)

EFSA: Jaime Aguilera, Ana Gomes and Irina Olaru

## 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from Boet Glandorf, Niels Hendriksen, John Heritage, Kaare Nielsen and Christoph Tebbe.

### 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/or 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) L-trytophan and related compounds // L-tryptophan, technically pure for all animal species (EFSA-Q-2012-00663)



b) Application for authorisation of genetically modified PT73 *Escherichia coli* (TM) for feed use (dried killed bacterial biomass) (EFSA-GMO-FR-2008-59) (EFSA-Q-2008-412a)

The Working group discussed the draft opinion. Further discussion is needed.

**5. Next meeting date:** to be determined.



Parma, 07 June 2012

### SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 30<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Tele/web/meeting, 07 June 2012 EFSA / Unit /GMO

Agreed by the WG on 07 June 2012

**Participants** 

WG Experts Niels Hendriksen, John Heritage, Lieve Herman, Sirpa Kärenlampi,

and Christoph Tebbe.

Hearing Experts
Observers (eg.EC)

EFSA: Jaime Aguilera, Ana Gomes and Irina Olaru

### 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from Boet Glandorf and Kaare Nielsen.

## 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/or 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. Discussion

Ronozyme® WX (endo-1,4-beta-xylanase) for poultry, piglets (weaned) and pigs for fattening (EFSA-Q-2008-419b)

The Working group discussed and finalised the draft opinion.

**5. Next meeting date:** 22 June, Parma.



Parma, 25 April 2012

### SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 29<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Parma, 24-25 April 2012 EFSA / Unit /GMO

### Agreed by the WG on 25 April 2012

**Participants** 

WG Experts Boet Glandorf, John Heritage (telemeeting), Lieve Herman, Sirpa

Kärenlampi, Kaare Nielsen (telemeeting), and Christoph Tebbe

(telemeeting).

**Hearing Experts** 

Observers (eg.EC)

EFSA: Jaime Aguilera, Ana Gomes and Irina Olaru

### 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/or 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) L-threonine // L-threonine for all animal species (EFSA-Q-2012-00448)
  - The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.
- b) L-lysine and related compounds // Lysine (Concentrated liquid L-lysine (base), L-lysine monohydrochloride, technically pure, L-lysine sulphate



produced by fermentation with *Corynebacterium glutamicum* (solid form and liquid form)) for all animal species (EFSA-Q-2012-00451)

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

c) Application for authorisation of genetically modified PL73 *Escherichia coli* (LM) for feed use (dried killed bacterial biomass) (EFSA-GMO-FR-2008-61) (EFSA-Q-2008-669a)

The Working group discussed and finalised the draft opinion.

d) Application for authorisation of genetically modified PT73 *Escherichia coli* (TM) for feed use (dried killed bacterial biomass) (EFSA-GMO-FR-2008-59) (EFSA-Q-2008-412a)

The Working group discussed the draft opinion. Further discussion is needed.

**5. Next meeting date:** to be determined.



Parma, 21 March 2012

### SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 28<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Parma, 21 March 2012 EFSA / Unit /GMO

## Agreed by the WG on 21 March 2012

**Participants** 

WG Experts Boet Glandorf, Niels Hendriksen (telemeeting), John Heritage

(telemeeting), Lieve Herman, Sirpa Kärenlampi, Kaare Nielsen

(telemeeting), and Christoph Tebbe (telemeeting).

**Hearing Experts** 

Observers (eg.EC)

EFSA: Jaime Aguilera, Ana Gomes and Irina Olaru

### 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/or 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) L-Arginine for all animal species (EFSA-Q-2012-00291)

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

b) L-Threonine, technically pure(ThreAMINO®) for all animal species (EFSA-Q-2012-00290)



The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

c) Application for authorisation of genetically modified PT73 *Escherichia coli* (TM) for feed use (dried killed bacterial biomass) (EFSA-GMO-FR-2008-59) (EFSA-Q-2008-412a)

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

d) Application for authorisation of genetically modified PL73 *Escherichia coli* (LM) for feed use (dried killed bacterial biomass) (EFSA-GMO-FR-2008-61) (EFSA-Q-2008-669a)

The Working group discussed the draft opinion. Further discussion is needed.

**5. Next meeting date:** 24-25 April, Parma.



Parma, 14 February 2012

### SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 27<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Parma, 14 February 2012 EFSA / Unit /GMO

### Agreed by the WG on 14 February 2012

**Participants** 

WG Experts Boet Glandorf (telemeeting), Niels Hendriksen (telemeeting), John

Heritage (telemeeting), Lieve Herman (telemeeting), Sirpa Kärenlampi (telemeeting), Kaare Nielsen (telemeeting), and

Christoph Tebbe (telemeeting).

Hearing Experts
Observers (eg.EC)

EFSA: Jaime Aguilera, Ana Gomes and Irina Olaru

### 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/or 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) Ronozyme® WX (endo-1,4-beta-xylanase) for poultry, piglets (weaned) and pigs for fattening (EFSA-Q-2008-419b)



b) ECONASE® GT (endo-1,3(4)-beta-glucanase) for chickens for fattening and piglets (weaned) (EFSA-Q-2012-00074)

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

**5. Next meeting date:** 21 March, Parma.



Parma, 10 January 2012

### SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 26<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Parma, 10 January 2012 EFSA / Unit /GMO

## Agreed by the WG on 10 January 2012

**Participants** 

WG Experts Boet Glandorf (telemeeting), Niels Hendriksen (telemeeting), John

Heritage (telemeeting), Lieve Herman (telemeeting), Sirpa Kärenlampi (telemeeting), Kaare Nielsen (telemeeting), and

Christoph Tebbe (telemeeting).

Hearing Experts
Observers (eg.EC)

EFSA: Ana Gomes and Irina Olaru

## 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/or 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) Ronozyme® RumiStar (L/CT) ( $\alpha$ -amylase) for dairy cows (EFSA-Q-2010-00151)

The Working group discussed the draft opinion and decided to present it to the Plenary, modified as discussed.



5. Presentation of new application

Econase GT endo-1,3 (4)-beta-glucanase

**6. Next meeting date:** 14 February pm (telemeeting).



Parma, 16 November 2011

### SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 25<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Parma, 16 November 2011 EFSA / Unit /GMO

### Agreed by the WG on 16 November 2011

**Participants** 

WG Experts Boet Glandorf, John Heritage (telemeeting), Lieve Herman, Sirpa

Kärenlampi and Christoph Tebbe

Hearing Experts
Observers (eg.EC)

EFSA: Jaime Aguilera and Irina Olaru

### 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from Niels Hendriksen.

### 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/or 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) L-lysine and related compounds / Concentrated liquid L-lysine (base) for all animal species (EFSA-Q-2011-01072)

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

b) L-lysine and related compounds / Concentrated liquid L-lysine-monohydrochloride for all animal species (EFSA-Q-2011-01073)



The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

c) L-lysine and related compounds / L-lysine-monohydrochloride, technically pure for all animal species (EFSA-Q-2011-01074)

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

d) L-trytophan and related compounds / L-tryptophan technically pure for all animal species (EFSA-Q-2011-01064)

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

5. Next meeting date: to be determined.



Parma, 4 October 2011

### SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 24<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Parma, 4 October 2011 EFSA / Unit /GMO

## Agreed by the WG on 4 October 2011

**Participants** 

WG Experts Boet Glandorf (telemeeting), John Heritage (telemeeting), Lieve

Herman (telemeeting), Sirpa Kärenlampi (telemeeting), Kaare Nielsen (telemeeting) and Christoph Tebbe (telemeeting).

**Hearing Experts** 

Observers (eg.EC)

EFSA: Jaime Aguilera, Irina Olaru

### 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from Niels Hendriksen.

## 2. Adoption of agenda

The agenda was adopted without changes.

#### 3. Declarations of interest

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## 4. Discussions

a) Belfeed B MP/ML (endo-1,4-beta-xylanase) for chickens for fattening, chickens reared for laying, laying hens, turkeys for fattening, turkeys for breeding purposes, turkeys reared for breeding, ducks, piglets (weaned), pigs for fattening, minor poultry species for fattening and laying (EFSA-Q-2011-00020).



The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

Next meeting date: to be decided.



Parma, 24 August 2011

### SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 23<sup>rd</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Parma, 24 August 2011 EFSA / Unit /GMO

## Agreed by the WG on 24 August 2011

**Participants** 

WG Experts Boet Glandorf, John Heritage (telemeeting), Lieve Herman, Sirpa

Kärenlampi, Kaare Nielsen (telemeeting) and Christoph Tebbe

Hearing Experts
Observers (eg.EC)

EFSA: Jaime Aguilera, Ana Gomes, Irina Olaru

### 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from Niels Hendriksen.

### 2. Adoption of agenda

The agenda was adopted without changes.

### 3. Declarations of interest

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### 4. Discussions

a) Optiphos® (6-phytase) for chickens and turkeys for fattening, chickens reared for laying, turkeys reared for breeding, other birds for fattening and laying, weaned piglets, pigs for fattening and sows (EFSA-Q-2010-00153).

The Working group discussed the draft opinion and decided to present it to the Plenary, modified as discussed.



# b) Ronozyme® HiPhos (M/L)(6-phytase) for all pigs and poultry (EFSA-Q-2010-00782)

The Working group discussed the draft opinion and decided to present it to the Plenary, modified as discussed.

## c) Vitamin B2 ROVIMIX (EFSA-Q-2011-00018)

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

# d) Vitamin B2/Riboflavin for all animal species and categories (EFSA-Q-2010-01017)

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

**5. Next meeting date:** 4 October pm (telemeeting).



Parma, 17 May 2011

### SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 22<sup>nd</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Parma, 17 May 2011 EFSA / Unit /GMO

## Agreed by the WG on 17 May 2011

**Participants** 

WG Experts Boet Glandorf, Niels Hendriksen (telemeeting), John Heritage

(telemeeting), Lieve Herman, Sirpa Kärenlampi, Kaare Nielsen

(telemeeting) and Christoph Tebbe

**Hearing Experts** 

Observers (eg.EC)

EFSA: Jaime Aguilera, Ana Gomes

### 1. Welcome and apologies

The Chair welcomed the participants.

## 2. Adoption of agenda

The agenda was adopted without changes.

#### 3. Declarations of interest

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### 4. Discussions

a) Optiphos® (6-phytase) for chickens and turkeys for fattening, chickens reared for laying, turkeys reared for breeding, other birds for fattening and laying, weaned piglets, pigs for fattening and sows (EFSA-Q-2010-00153).



b) Biogalactosidase BL (alpha-galactosidase and 1,4-beta-glucanase) for chickens for fattening (EFSA-Q-2010-01149)

The Working group discussed the draft opinion and decided to present it to the Plenary, modified as discussed.

**5. Next meeting date:** to be decided.



Parma, 15 February 2011

### SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 21<sup>st</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Parma, 15 February 2011 EFSA / Unit /GMO

### Agreed by the WG on 15 February 2011

**Participants** 

WG Experts Boet Glandorf (telemeeting), John Heritage (telemeeting), Lieve

Herman, Sirpa Kärenlampi, Christoph Tebbe

Hearing Experts
Observers (eg.EC)

EFSA: Jaime Aguilera, Ana Gomes

### 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from Niels Hendriksen and Kaare Nielsen.

## 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/or 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) Optiphos® (6-phytase) for chickens and turkeys for fattening, chickens reared for laying, turkeys reared for breeding, other birds for fattening and laying, weaned piglets, pigs for fattening and sows (EFSA-Q-2010-00153).



b) Internal mandate for the preparation of a Scientific Report of EFSA on trial descriptions of strains of *Bacillus licheniformis* and *Aspergillus niger* modified with additional alpha-amylase gene(s) (EFSA-Q-2011-00065)

The Working group discussed the draft report. EFSA will proceed to finalisation according to internal procedures.

5. Presentation of new application

Vitamin B2 ROVIMIX (EFSA-Q-2011-00018)

**6. Next meeting date:** to be decided.



Parma, 26 November 2010

### SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 20<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Webmeeting, 26 November 2010 EFSA / Unit /GMO

## Agreed by the WG on 26 November 2010

**Participants** 

WG Experts Boet Glandorf, Niels Hendriksen, Lieve Herman, Sirpa Kärenlampi,

Kaare Nielsen, Christoph Tebbe

Hearing Experts
Observers (eg.EC)

EFSA: Jaime Aguilera, Ana Gomes

### 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from John Heritage.

### 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/or 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. Presentation of new applications

Trial strain descriptions for food enzymes produced by genetically modified (GM) *Bacillus licheniformis* and GM *Aspergillus niger*.

5. Next meeting date: 15 February 2010



Parma, 16 November 2010

### SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 19<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

# Webmeeting, 16 November 2010 EFSA / Unit /GMO

## Agreed by the WG on 16 November 2010

**Participants** 

WG Experts Niels Hendriksen, Lieve Herman, Sirpa Kärenlampi, Kaare Nielsen,

Christoph Tebbe

Hearing Experts
Observers (eg.EC)

EFSA: Jaime Aguilera, Ana Gomes

### 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from Boet Glandorf and John Heritage.

## 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/or 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) Biogalactosidase BL (alpha-galactosidase and 1,4-beta-glucanase) for chickens for fattening (EFSA-Q-2010-01149)



L-Threonine for all animal species (EFSA-Q-2010-01156)

**6. Next meeting date:** 26 November 2010



Parma, 6 October 2010

### PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 18<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

Parma, 6 October 2010

(adopted by the WG on 6 October 2010)

**Participants** 

WG Experts: Boet Glandorf, Niels Hendriksen, John Heritage (telemeeting),

Lieve Herman, Sirpa Kärenlampi, Kaare Nielsen (telemeeting)

European Commission:

EFSA: Jaime Aguilera, Ana Gomes

## 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from Christoph Tebbe.

## 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. Presentation of new applications

Trial strain description for food enzymes produced by genetically modified (GM) *Bacillus licheniformis* and GM *Aspergillus niger*.



Milan, 25 August 2010

### PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 17<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

Milan, 25 August 2010

(adopted by the WG on 25 August 2010)

**Participants** 

WG Experts: Niels Hendriksen, Lieve Herman, Sirpa Kärenlampi, Kaare Nielsen

and Christoph Tebbe

European Commission:

EFSA: Jaime Aguilera, Ana Gomes

## 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from Boet Glandorf and John Heritage.

### 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

a) Optiphos® (6-phytase) for chickens and turkeys for fattening, chickens reared for laying, turkeys reared for breeding, other birds for fattening and laying, weaned piglets, pigs for fattening and sows (EFSA-Q-2010-00153).

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

b) Vitamin B2/Riboflavin for all animal species and categories (EFSA-Q-2010-01017).

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

## 5. Presentation of new applications

Trial applications for food enzymes produced by genetically modified (GM) *Bacillus licheniformis* and GM *Aspergillus niger*.



Brussels, 16 June 2010

### PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 16<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

Brussels, 16 June 2010

(adopted by the WG on 16 June 2010)

**Participants** 

WG Experts: Niels Hendriksen, Lieve Herman, Sirpa Kärenlampi and Kaare

Nielsen

European Commission:

EFSA: Jaime Aguilera, Ana Gomes

## 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from Boet Glandorf, John Heritage and Christoph Tebbe.

## 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. Presentation of new applications

Ronozyme® HiPhos (M/L)(6-phytase) for all pigs and poultry (EFSA-Q-2010-00782).

Ronozyme® RumiStar (L/CT) (α-amylase) for dairy cows (EFSA-Q-2010-00151).



Parma, 21 April 2010

### PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 15<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

Webmeeting, 21 April 2010

(adopted by the WG on 21 April 2010)

**Participants** 

WG Experts: Boet Glandorf, Niels Hendriksen, Lieve Herman, Kaare Nielsen

and Christoph Tebbe.

European Commission: Ioana-Rodica Ispas

EFSA: Jaime Aguilera, Ana Gomes

## 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from John Heritage and Sirpa Kärenlampi.

### 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. Presentation of new applications

Ronozyme® RumiStar (L/CT) (α-amylase) for dairy cows (EFSA-Q-2010-00151).

Optiphos® (6 phytase) for chickens and turkeys for fattening, chickens reared for laying, turkeys reared for breeding, other birds for fattening and laying, weaned piglets, pigs for fattening and sows ((EFSA-Q-2010-00153).



Parma, 25 November 2009

#### PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 14<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

Parma, 18 November 2009

(adopted by the WG on 30 November 2009)

**Participants** 

WG Experts: Niels Hendriksen, Lieve Herman, Sirpa Kärenlampi, Kaare Nielsen

and Christoph Tebbe.

European Commission: ..

EFSA: Jaime Aguilera, Ana Gomes

### 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from John Heritage.

## 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, except for Dr Niels Hendriksen who declared the following additional interest: the expert provided scientific advice to National Authority in context of the applications listed in item 5. and, therefore, possessed specific and unique expertise on the topic. In accordance with EFSA's Policy on Declarations of Interests and Implementing documents thereof, and taking



into account the specific matters discussed at the meeting in question, the interest above was not deemed to represent a conflict of Interest for the expert concerned.

## 4. Discussions

## a) L-isoleucine for all animal species (EFSA-Q-2009-00611).

The Working group discussed the draft opinion and decided to present it to the Plenary, modified as discussed.

## 5. Presentation of new applications

Application for renewal of authorisation for continued marketing of feed materials produced from GMO yeast pMT742 or pAK729, "yeast biomass" (EFSA-GMO-RX-pMT742/pAK729) (EFSA-Q-2007-156b).

Application for authorisation of genetically modified NOVO Yeast Cream (pAK1214) as feed for pigs submitted under Regulation (EC) No 1829/2003 by NOVO NORDISK (EFSA-GMO-DK-2009-74) (EFSA-Q-2009-00866).



Parma, 28 August 2009

#### PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 13<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

Parma, 26 August 2009

(adopted by the WG on 3 September 2009)

## **Participants**

WG Experts: Lieve Herman, Sirpa Kärenlampi and Christoph Tebbe.

European Commission: ...

EFSA: Jaime Aguilera, Ana Gomes

### 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from Niels Hendriksen, John Heritage and Kaare Nielsen.

## 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

a) FINASE EC (6-phytase) for chickens for fattening/ chickens for laying; laying hens; turkeys for fattening/ turkeys for breeding; piglets (weaned); pigs for



fattening; sows; ducks and other minor poultry species (ie. geese, quail, pigeon, pheasants and other game birds) (EFSA-Q-2009-00676).

The Working group discussed the draft opinion and decided to present it to the Plenary, modified as discussed.

b) Biogalactosidase (alfa-galactosidase) for pigs for fattening (EFSA-Q-2005-224a).

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

## 5. Presentation of new application

Application for renewal of authorisation for continued marketing of feed materials produced from GMO yeast pMT742 or pAK729, "yeast biomass" (EFSA-GMO-RX-pMT742/pAK729) (EFSA-Q-2007-156b).



Parma, 23 June 2009

#### PANEL ON GENETICALLY MODIFIED ORGANISMS

# Minutes of the 12<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

Brussels, 17 June 2009

(adopted by the WG on 26 June 2009)

**Participants** 

WG Experts: Niels B. Hendriksen, Lieve Herman, Sirpa Kärenlampi, Nickolas

Panopoulos.

European Commission: ...

EFSA: Jaime Aguilera, Ana Gomes

## 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from John Heritage, Ingolf Nes and Christoph Tebbe.

## 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

a) Ronozyme ProAct (serine protease) for chickens for fattening (EFSA-Q-2008-431b)

The Working group discussed the draft opinion and decided to present it to the Plenary, modified as discussed.

b) Request for a scientific opinion on supplementary information about the enzyme preparation of trade name Danisco Xylanase G/L (EFSA-Q-2009-00498).

The Working group discussed the draft opinion and decided to present it to the Plenary, modified as discussed.



Parma, 31 March 2009

#### PANEL ON GENETICALLY MODIFIED ORGANISMS

## Minutes of the 11<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

Brussels, 25 March 2009

(adopted by the WG on 3 April 2009)

**Participants** 

WG Experts: Michael Gasson, Lieve Herman, Sirpa Kärenlampi, Nickolas

Panopoulos, Christoph Tebbe.

European Commission: ...

EFSA: Jaime Aguilera, Ana Gomes

## 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from Niels B. Hendriksen, John Heritage and Ingolf Nes.

#### 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

a) Request for a scientific opinion on supplementary information about the enzyme preparation of trade name Econase XT L and Econase XT P (EFSA-Q-2008-775)

The Working group discussed the draft opinion and decided to present it to the Plenary, modified as discussed.



## b) Ronozyme ProAct (serine protease) for chickens for fattening (EFSA-Q-2008-431)

- 5. Presentation of a new application
- a) Request for a scientific opinion on supplementary information about the enzyme preparation of trade name Danisco Xylanase G/L.



Parma, 24 February 2009

### PANEL ON GENETICALLY MODIFIED ORGANISMS

## Minutes of the 10<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

Parma, 18 February 2009

(adopted by the WG on 27 February 2009)

**Participants** 

WG Experts: Michael Gasson, Niels Hendriksen, Lieve Herman, Sirpa

Kärenlampi, Nickolas Panopoulos, Christoph Tebbe.

European Commission: ...

EFSA: Jaime Aguilera, Ana Gomes

## 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from John Heritage and Ingolf Nes.

## 2. Adoption of agenda

The agenda was adopted without changes.

#### 3. Declarations of interest

No interests relevant to the items on the agenda were declared.

- 4. Presentation of some new applications
- a) FINASE EC (6-phytase) for chickens for fattening/ chickens for laying; laying hens; turkeys for fattening/ turkeys for breeding; piglets (weaned); pigs for fattening; sows; ducks and other minor poultry species (ie. geese, quail, pigeon, pheasants and other game birds) (EFSA-Q-2008-748)
- b) L-isoleucine as feed additive for all animal species



Parma, 20 January 2009

### PANEL ON GENETICALLY MODIFIED ORGANISMS

## Minutes of the 9<sup>th</sup> meeting of the Working Group on Genetically Modified Microorganisms

Parma, 14 January 2009

(adopted by the WG on 27 January 2009)

**Participants** 

WG Experts: Michael Gasson, Lieve Herman, Sirpa O. Kärenlampi, Christoph

Tebbe.

European Commission: ...

EFSA: Ana Gomes

### 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from Niels B. Hendriksen, John Heritage, Ingolf F. Nes, Fergal O'Gara and Nickolas Panopoulos.

## 2. Adoption of agenda

The agenda was adopted without changes.

#### 3. Declarations of interest

The members of the WG had no declaration of interests.

#### 4. Discussions

a) Request for a scientific opinion on supplementary information about the enzyme preparation of trade name Econase XT L and Eonase XT P (EFSA-Q-2008-775)



b) Application for authorisation of genetically modified PL73 Escherichia coli (LM) for feed use (dried killed bacterial biomass) (EFSA-GMO-FR-2008-61) (EFSA-Q-2008-669)

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

c) Application for renewal of authorisation for continued marketing of feed produced from GMO bacteria "Brevibacterium lactofermentum strain S0317/pCABL" or commercial name: "PL73" (EFSA-Q-2007-157)



Parma, 24 November 2008

#### PANEL ON GENETICALLY MODIFIED ORGANISMS

## Minutes of the 8<sup>th</sup> 2008 meeting of the Working Group on Genetically Modified Microorganisms

Brussels, 12 November 2008

(adopted by the WG on 24 November 2008)

**Participants** 

WG Experts: Michael Gasson, Niels B. Hendriksen, Lieve Herman, Sirpa O.

Kärenlampi, Nickolas J. Panopoulos.

European Commission: ...

EFSA: Jaime Aguilera, Zoltán Diveki

## 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from John Heritage, Ingolf F. Nes, Fergal O'Gara and Christoph Tebbe.

## 2. Adoption of agenda

The agenda was adopted without changes.

#### 3. Declarations of interest

The members of the WG had no declaration of interests.

#### 4. Discussions

a) Natugrain TS (endo-1,4-ß-xylanase and endo-1,4-ß-glucanase) for piglets (weaned), laying hens, chickens and turkeys for fattening and ducks (EFSA-Q-2008-013)

The Working group discussed the draft opinion and decided to present it to the Plenary, modified as discussed.



b) Application for authorisation of genetically modified PT73 Escherichia coli (TM) for feed use (dried killed bacterial biomass) (EFSA-GMO-FR-2008-59) (EFSA-Q-2008-412)



Parma, 21 October 2008

#### PANEL ON GENETICALLY MODIFIED ORGANISMS

## Minutes of the 7<sup>th</sup> 2008 meeting of the Working Group on Genetically Modified Microorganisms

#### Brussels, 9 October 2008

(adopted by the WG on 21 October 2008)

**Participants** 

WG Experts: Michael Gasson, Niels B. Hendriksen, Lieve Herman, Sirpa O.

Kärenlampi, Nickolas J. Panopoulos, Christoph Tebbe.

European Commission: ...

EFSA: Jaime Aguilera, Zoltán Diveki, Ana Gomes

## 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from John Heritage, Ingolf F. Nes and Fergal O'Gara.

## 2. Adoption of agenda

The agenda was adopted without changes.

#### 3. Declarations of interest

The members of the WG had no declaration of interests.

#### 4. Discussions

a) Avizyme 1505 (endo-1,4-beta-xylanase, subtilisin and alpha-amylase) for chickens for fattening and ducks for fattening (EFSA-Q-2007-112)

The Working group discussed the draft opinion and decided to present it to the Plenary, modified as discussed.

b) Ronozyme NP (6-phytase) for chickens for fattening (EFSA-Q-2007-133)

The Working group discussed the draft opinion and decided to present it to the Plenary, modified as discussed.



c) Application for authorisation of genetically modified PT73 Escherichia coli (TM) for feed use (dried killed bacterial biomass) (EFSA-GMO-FR-2008-59) (EFSA-Q-2008-412)

The Working group discussed the draft opinion. Further discussion is needed.

d) Application for authorisation of genetically modified PL73 Escherichia coli (LM) for feed use (dried killed bacterial biomass) (EFSA-GMO-FR-2008-61) (EFSA-Q-2008-669)

The Working group discussed the draft opinion. Further discussion is needed.



Parma, 09 September 2008

### PANEL ON GENETICALLY MODIFIED ORGANISMS

## Minutes of the 6<sup>th</sup> 2008 meeting of the Working Group on Genetically Modified Microorganisms

Parma, 27 August 2008

(adopted by the WG on 9 September 2008)

**Participants** 

WG Experts: Niels B. Hendriksen (pm), J. Heritage, Lieve Herman, Sirpa O.

Kärenlampi, Ingolf Nes, Nickolas J. Panopoulos

European Commission: ...

EFSA: Ana Gomes

## 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from M. Gasson, Niels Bohse Hendriksen (am), Fergal O'Gara and Christoph Tebbe.

## 2. Adoption of agenda

The agenda was adopted without changes.

#### 3. Declarations of interest

The members of the WG had no declaration of interests.

#### 4. Discussions

### a. Ronozyme NP (6-phytase) for chickens for fattening (EFSA-Q-2007-133)

The Working group discussed the draft opinion. Further clarification from the applicant and discussion are needed.

b. Natugrain TS (endo-1,4-ß-xylanase and endo-1,4-ß-glucanase) for piglets(weaned), laying hens, chickens and turkeys for fattening and ducks (EFSA-Q-2008-013)



- 5. Presentation of some new applications
- a) Finase L and P (phytase) for laying hens, turkeys for fattening, sows, ducks for fattening, pheasants and other game birds (EFSA-Q-2008-378)
- b) Ronozyme WX (Endo-1,4-ß-ylanase) for poultry, piglets (weaned) and pigs for fattening (EFSA-Q-2008-419)
- c) Ronozyme ProAct (serine protease) for chickens for fattening (EFSA-Q-2008-431)



Parma, 24 June 2008

### PANEL ON GENETICALLY MODIFIED ORGANISMS

## Minutes of the 5<sup>th</sup> 2008 meeting of the Working Group on Genetically Modified Microorganisms

#### Brussels,11 June 2008

(adopted by the WG on 24 June 2008)

**Participants** 

WG Experts: J. Heritage, Lieve Herman, Sirpa O. Kärenlampi, Nickolas J.

Panopoulos

European Commission: ...

EFSA: Zoltán Divéki, Ana Gomes

## 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from M. Gasson, Niels Bohse Hendriksen, I. Nes and Fergal O'Gara.

## 2. Adoption of agenda

The agenda was adopted without changes.

#### 3. Declarations of interest

The members of the WG had no declaration of interests.

#### 4. Discussions

### a. Ice Structuring Protein (ISP) as a novel food ingredient (EFSA-Q-2008-073)

The Working group discussed the draft opinion and decided to present it to the Plenary, modified as discussed.

## b. Avizyme 1505 (endo-1,4-beta-xylanase, subtilisin and alpha-amylase) for chickens for fattening and ducks for fattening (EFSA-Q-2007-112)



## c. Ronozyme NP (6-phytase) for chickens for fattening (EFSA-Q-2007-133)



Parma, 21 May 2008

#### PANEL ON GENETICALLY MODIFIED ORGANISMS

## Minutes of the 4<sup>th</sup> 2008 meeting of the Working Group on Genetically Modified Microorganisms

Milan, 6 May 2008

(adopted by the WG on 21 May 2008)

**Participants** 

WG Experts: Lieve Herman, Sirpa O. Kärenlampi, Nickolas J. Panopoulos

European Commission: ...

EFSA: Zoltán Divéki, Ana Gomes

## 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from M. Gasson, Niels Bohse Hendriksen, J. Heritage, I. Nes and Fergal O'Gara.

#### 2. Adoption of agenda

The agenda was adopted without changes.

#### 3. Declarations of interest

The members of the WG had no declaration of interests.

#### 4. Discussions

a. Request for a Scientific Opinion on complementary information on Danisco Xylanase G/L (endo-1-4-beta-xylanase) Feed additive for laying hens and chickens and ducks for fattening (EFSA-Q-2008-021)

The Working group discussed the draft opinion and decided to present it to the Plenary, modified as discussed.

b. Application for authorisation of genetically modified PL73 Escherichia coli (LYS)(dried killed bacterial biomass) for feed uses (EFSA-GMO-FR-2007-40)

The Working group discussed the draft opinion. Further discussion is needed.



erfsa   uropean Food Safety Authority	
C.	Application for authorization of genetically modified PT73 <i>Escherichia coli</i> (THR) (dried killed bacterial biomass) for feed uses (EFSA-GMO-FR-2007-44)
	The Working group discussed the draft opinion. Further discussion is needed.



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Parma, 6 May 2008

### PANEL ON GENETICALLY MODIFIED ORGANISMS

## Minutes of the 3<sup>th</sup> 2008 meeting of the Working Group on Genetically Modified Microorganisms

Brussels, 2 April 2008

(adopted by the WG on 6 May 2008)

**Participants** 

WG Experts: Niels Bohse Hendriksen, Lieve Herman, Sirpa O. Kärenlampi,

Nickolas J. Panopoulos

European Commission: ...

EFSA: Zoltán Divéki, Ana Gomes

### 1. Welcome and apologies

The Chair welcomed the participants. Apologies were received from M. Gasson, J. Heritage, I. Nes and Fergal O'Gara.

## 2. Adoption of agenda

The agenda was adopted without changes.

#### 3. Declarations of interest

The members of the WG had no declaration of interests.

#### 4. Discussions

a. Request for a Scientific Opinion on complementary information on Danisco Xylanase G/L (endo-1-4-beta-xylanase) Feed additive for laying hens and chickens and ducks for fattening (EFSA-Q-2008-021)

The Working Group discussed the draft opinion. Further discussion is needed.



- 5. Presentation of some new applications
- a) Natugrain TS (endo-1,4-ß-xylanase and endo-1,4-ß-glucanase) for piglets(weaned), laying hens, chickens and turkeys for fattening and ducks (EFSA-Q-2008-013)
- Application for renewal of authorisation for continued marketing of feed produced from GMO bacteria "Brevibacterium lactofermentum strain \$0317/pCABL" or commercial name: "PL73" (EFSA-Q-2007-157)