

European Union

# Register of Feed Additives

pursuant to Regulation (EC) No 1831/2003

## Appendix 3b. List of modifications to the Register, versions 51-125



# European Union Register of Feed Additives pursuant to Regulation (EC) No 1831/2003

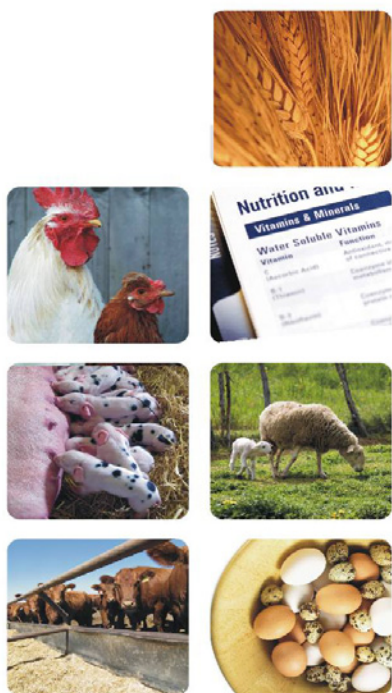
Appendixes 3b. List of modifications to the Register,  
versions 51-125

(Status: Released 7 February 2012.)

HEALTH AND CONSUMERS DIRECTORATE-GENERAL

Directorate G - Veterinary and International affairs

Unit G1 – Feed



## Appendix 3b: List of modifications to the Register, versions 51-125.

**125<sup>th</sup> Edition:** published on 24 October 2011

### Additions:

- 4a; Digestibility enhancers; 4a7; Preparation of endo-1,4-beta-xylanase produced by *Aspergillus niger* (CBS 109.713) and endo-1,4-beta-glucanase produced by *Aspergillus niger* (DSM 18404) (holder of the authorisation BASF SE) [Minor poultry species for fattening (other than ducks for fattening) and ornamental birds; Chickens reared for laying, turkeys for breeding purposes, turkeys reared for breeding and all minor avian species for laying]; Commission Implementing Regulation (EU) No 1068/2011 of 21 October 2011 in OJ L 271, 22.10.2011, p. 11

**124<sup>th</sup> Edition:** published on 7 October 2011

### Correction:

- 2b; natural products – botanically defined; *Citrus limon* (L.) Burm.: Lemon extract CAS 84929-31-7 FEMA 2623 CoE 139 / Lemon oil distilled CAS 8008-56-8 CoE 139 EINECS 284-515-8.  
The form “Lemon oil distilled CAS 8008-56-8 CoE 139 EINECS 284-515-8” moved from Annex II to Annex I.
- 2b; natural products – botanically defined; *Eugenia caryophyllus* (C. Sprengn.) Bull. = *Caryophyllus aromaticum* L. = *Syzygium aromaticum* L.: Clove leaf oil CAS 8000-34-8 FEMA 2325 CoE 188 EINECS 284-638-7 / Clove stem oil CAS 8000-34-8 FEMA 2328 CoE 188 / Clove tincture CoE 188.  
The *Caryophyllus aromaticum* L. and *Syzygium aromaticum* L. being the same plant, the entries were merged and “Clove tincture CoE 188” is added.
- 2b; natural products – botanically defined; *Fucus vesiculosus* L.: Algues absolute CAS 68917-51-1 CoE 206 EINECS 283-633-7 / Bladder wrack extract CoE 206.  
“Bladder wrack extract CoE 206” is moved from Annex II to Annex I
- 2b; natural products – botanically defined; *Vitex agnus-castus* L.: Lilac chastetree tincture / Lilac chastetree extract.  
The form “*Lilac chastetree extract*” moved from Annex II to Annex I.

### Removal:

*NOTA : The entries are grayed and will be removed in the next edition of the Register.*

- 2b; natural products – botanically defined; *Boswellia serrata* Roxb. Ex Colebr.: Olibanum extract [Cats and dogs]  
This entry is removed due to the merge with *Boswellia serrata* Roxb. Ex Colebr.: Olibanum extract [All species]
- 2b; natural products – botanically defined; *Boswellia serrata* Roxb. Ex Colebr.: Olibanum extract [All species].  
“with the exception of Cats and dogs” removed
- In Annex II.  
2b; natural products - botanically defined; *Eugenia caryophyllus* (C. Sprengn.) Bull. = *Caryophyllus aromaticum* L.: Clove bud absolute CAS 8000-34-8 CoE 188 / Clove bud oil CAS 8000-34-8 FEMA 2323 CoE 188 EINECS 284-638-7 / Clove bud extract CAS 84961-50-2 FEMA 2322 CoE 188 EINECS 284-638-7.  
This entry is now merged with “*Eugenia caryophyllus* (C. Sprengn.) Bull. = *Syzygium aromaticum* L.”
- In Annex II.  
2b; natural products - botanically defined; *Eugenia caryophyllus* (C. Sprengn.) Bull. = *Caryophyllus aromaticum* L. = *Syzygium aromaticum* L.: Clove bud absolute CAS 8000-34-8 CoE 188 EINECS 284-638-7 / Clove bud extract CAS 84961-50-2 FEMA 2322 CoE 188 EINECS 284-638-7 / Clove bud oleoresin CAS 84961-50-2 FEMA 2324 CoE 188 EINECS 284-638-7 / Clove bud oil CAS 8000-34-8 FEMA 2323 CoE 188 EINECS 284-638-7 / Clove leaf oil CAS 8000-34-8 FEMA 2325 CoE 188 EINECS 284-638-7 / Clove stem oil CAS 8000-34-8 FEMA 2328 CoE 188 / Clove tincture CoE 188.  
Partial deletion : “/ Clove leaf oil CAS 8000-34-8 FEMA 2325 CoE 188 EINECS 284-638-7 / Clove stem oil CAS 8000-34-8 FEMA 2328 CoE 188 / Clove tincture CoE 188” are removed due to the merge of the 2 lines.
- In annex II.  
2; b; natural products - botanically defined; *Fucus vesiculosus* L.: Algues / Bladder wrack extract CoE 206 / Algues / Bladder wrack tincture CoE 206.  
“Bladder wrack extract CoE 206” is moved from Annex II to Annex I

## Corrigendum

- 1k; 2 – Microorganisms; 1k2072; *Lactobacillus buchneri* (DSM 22963); Commission Implementing Regulation (EU) No 868/2011 of 31 August 2011 / Corrigendum PL published in OJ L 263 PL, 07.10.2011, p. 22

**123<sup>rd</sup> Edition:** published on 27 September 2011

## Correction:

- Additive : Micro-organisms; E 1708; *Enterococcus faecium* NCIMB 11181 (Powder form) [Calves; Piglets]; Reg. (EC) No 1333/2004 in OJ L 247, 21.07.2004, p. 11.  
The two authorised forms are now distinct lines in the Register, the coated form being moved to the Annex II.

**122<sup>nd</sup> Edition:** published on 12 September 2011

## Additions:

- 5; Coccidiostats and histomonostats; 5 1 763; Lasalocid A sodium 15 g/100g (Avatec 150 G) CAS number: 25999-20-6 (holder of authorisation Alpharma (Belgium) BVBA) [Pheasants; guinea fowl; quails and partridges except laying birds thereof.]; Commission Implementing Regulation (EU) No 900/2011 of 7 September 2011 in OJ L 231, 08.09.2011, p. 15

**121<sup>st</sup> Edition:** published on 6 September 2011

## Additions:

- 1k; 2 – Microorganisms; 1k2071; *Lactobacillus plantarum* (DSM 21762); Commission Implementing Regulation (EU) No 868/2011 of 31 August 2011 in OJ L 226, 01.09.2011, p. 2
- 1k; 2 – Microorganisms; 1k2072; *Lactobacillus buchneri* (DSM 22963); Commission Implementing Regulation (EU) No 868/2011 of 31 August 2011 in OJ L 226, 01.09.2011, p. 2
- 4; b; Gut flora stabilisers; 4b1713; *Enterococcus faecium* CECT 4515 (holder of the authorisation Norel SA) [Chickens for fattening]; Commission Implementing Regulation (EU) No 887/2011 of 5 September 2011 in OJ L 229, 06.09.2011, p. 7
- 4a; Digestibility enhancers; 4a12; Preparation of 6-phytase (EC 3.1.3.26) produced by *Trichoderma reesei* (CBS 122001) (holder of authorisation Roal Oy) [Sows]; Commission Implementing Regulation (EU) No 886/2011 of 5 September 2011 in OJ L 229, 06.09.2011, p. 5
- 4b; Gut flora stabilisers; 4b1823; *Bacillus subtilis* ATCC PTA-6737 (holder of authorisation Kemin Europa NV) [Chickens reared for laying; ducks for fattening; quails; pheasants; partridges; guinea fowl; pigeons; geese for fattening; Ostriches]; Commission Implementing Regulation (EU) No 885/2011 of 5 September 2011 in OJ L 229, 06.09.2011 p. 3
- 5; Coccidiostats and histomonostats; 5 1 771; Diclazuril 0,5 g/100 g (Clinacox 0,5 % Premix) (holder of authorisation Janssen Pharmaceutica NV) [Turkeys for fattening]; Commission Implementing Regulation (EU) No 888/2011 of 5 September 2011 in OJ L 229, 06.09.2011.2011, p. 9

## Amendment:

- Commission Implementing Regulation (EU) No 888/2011 of 5 September 2011 in OJ L 229, 06.09.2011, p. 9 :  
"The entry in Annex II to Regulation (EC) No 2430/1999 concerning the diclazuril for turkeys, identified with registration number 27, is deleted."
- 4b; Gut flora stabilisers; 4b1821; *Bacillus subtilis* DSM 17299 (O35) (holder of authorisation Chr. Hansen A/S) [Chickens for fattening]; Reg. (EC) No 1137/2007 of 1 October 2007 is amended by Commission Implementing Regulation (EU) No 881/2011 of 2 September 2011 in OJ L 228 of 03.09.2011, p. 9

## 120<sup>th</sup> Edition: published on 1 June 2011

### Additions:

- 5; Coccidiostats and histomonostats; 5 1 758; Robenidine hydrochloride 66 g/kg (Cycostat 66G) (holder of the authorisation Alpharma (Belgium) BVBA) [Rabbits for breeding ; Rabbits for fattening]; Commission Implementing Regulation (EU) No 532/2011 of 31 May 2011 in OJ L 146 of 01.06.2011, p. 7

### Amendment:

- 5; Coccidiostats and other medicinal substances; E 758; Robenidine hydrochloride 66 g/kg (Cycostat 66 G) (holder of the authorisation Alpharma (Belgium) BVBA) [Chickens for fattening; Turkeys; Rabbits for fattening]; Reg. (EC) No 1800/2004 is Amended by Commission Implementing Regulation (EU) No 532/2011 of 31 May 2011. “*The Annex to Regulation (EC) No 1800/2004 is amended in accordance with Annex II to this Regulation.*”

### Removal:

- 5; Coccidiostats and other medicinal substances; E 758; Robenidine hydrochloride 66 g/kg (Cycostat 66 G) (holder of the authorisation Alpharma (Belgium) BVBA) [Rabbits for breeding purposes]; Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Reg. (EC) No 2430/1999 of 17 November 1999 / Amended by Reg. (EC) No 552/2008 of 17 June 2008. Amended by Commission Implementing Regulation (EU) No 532/2011 of 31 May 2011 : “*In Annex I to Regulation (EC) No 2430/1999, the entry under registration number of additive E 758 concerning robenidine hydrochloride for rabbits for breeding purposes is deleted.*”
- 5; Coccidiostats and other medicinal substances; E 758; Robenidine hydrochloride 66 g/kg (Cycostat 66 G) (holder of the authorisation Alpharma (Belgium) BVBA) [Chickens for fattening; Turkeys; Rabbits for fattening]; Reg. (EC) No 1800/2004 / Amended by Reg. (EC) No 101/2009 of 3 February 2009 / Amended by Reg. (EC) No 214/2009 of 18 March 2009 / Amended by Commission Implementing Regulation (EU) No 532/2011 of 31 May 2011. “*The Annex to Regulation (EC) No 1800/2004 is amended in accordance with Annex II to this Regulation.*” (The rabbits for fattening are removed because of the new authorisation for rabbits for breeding and rabbits for fattening)

## 119<sup>th</sup> Edition: published on 31 May 2011

### Additions:

- 3; a; Nutritional additives; 3a831; **Vitamin B<sub>6</sub>** / pyridoxine hydrochloride; Commission Implementing Regulation (EU) No 515/2011 of 25 May 2011 in OJ L 138, 26.05.2011, p. 40
- 4a; Digestibility enhancers; 4a11; Preparation of endo-1,4-β-xylanase (EC 3.2.1.8) produced by *Trichoderma reesei* (ATCC PTA 5588) (holder of authorisation Danisco Animal Nutrition) [Piglets (weaned) and pigs for fattening]; Commission Implementing Regulation (EU) No 528/2011 of 30 May 2011 in OJ L 143. 31.05.2011. p. 10
- 4a; Digestibility enhancers; 4a 14; Preparation of endo-1,4-β-xylanase (EC 3.2.1.8) produced by *Trichoderma reesei* (MUCL 49755), endo-1,3(4)-β-glucanase (EC 3.2.1.6) produced by *Trichoderma reesei* (MUCL 49754) and polygalacturonase (EC 3.2.1.15) produced by *Aspergillus aculeatus* (CBS 589.94) (holder of the authorisation Aveve NV) [Piglets (weaned)]; Commission Implementing Regulation (EU) No 527/2011 of 30 May 2011 in OJ L 143. 31.05.2011. p.6

### Amendment:

- Micro-organisms; E 1700; *Bacillus licheniformis* (DSM 5749), *Bacillus subtilis* (DSM 5750) (In a 1/1 ratio) [Turkeys for fattening; Calves]; Reg. (EC) No 600/2005 / Amended by Reg. (EC) No 2028/2006 of 18 December 2006 / Amended by Reg. (EC) No 202/2009 of 16 March 2009 / Amended by Commission Implementing Regulation (EU) No 516/2011 of 25 May 2011 in OJ L 138, 26.5.2011, p. 43

#### Removal:

- 5; Coccidiostats and other medicinal substances; E 766; Salinomycin sodium 120 g/kg / (Sacox 120) (holder of the authorisation Huvepharma NV) [Rabbits for fattening]; Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Amended by Reg. (EC) No 249/2006 in OJ C 50, 25.02.2004, p. 1 / Amended by OJ L 43, 14.02.2006, p. 22.  
Authorisation expired 31.05.2011
- Enzymes; 59; Preparation of endo-1,4-beta-xylanase EC 3.2.1.8 produced by *Trichoderma longibrachiatum* (ATCC 2105), endo-1,3(4)-beta-glucanase EC 3.2.1.6 and alpha-amylase EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553), subtilisin EC 3.4.21.62 produced by *Bacillus subtilis* (ATCC 2107), Polygalacturonase EC 3.2.1.15 produced by *Aspergillus aculeatus* (CBS 589.94) [Turkeys for fattening]; Reg. (EC) No 1876/2006 of 18 December 2006 / Corrigendum in OJ L 43 of 15.02.2007 / Corrigendum FR in OJ L 301 of 17.11.2009 in OJ L 360, 19.12.2006, p. 126 / Corrigendum OJ L 43, 15.02.2007, p. 42 / Corrigendum FR OJ L 301, 17.11.2009, p. 54.  
Authorisation Expired 08.01.2011
- 3; a; Vitamins and provitamins; Vitamin B6 / Pyridoxine hydrochloride. Replaced by new regulation : Commission Implementing Regulation (EU) No 515/2011 of 25 May 2011

### **118<sup>th</sup> Edition:** published on 23 May 2011

#### Additions:

- 4; d; Other zootechnical additives; 4d 5; Sodium benzoate (holder of the authorisation Kemira Oyj) [Piglets (weaned)]; Commission Implementing Regulation (EU) No 496/2011 of 20 May 2011 in OJ L 134, 21.05.2011, p. 9
- 5; Coccidiostats and histomonostats; 5 1 701; Monensin sodium (Coxidin; carrier Calcium Carbonate) (holder of the authorisation Huvepharma NV Belgium) [Chickens for fattening; Turkeys]; Commission Implementing Regulation (EU) No 495/2011 of 20 May 2011 in OJ L 134 of 21.05.2011, p. 6. Note : the carrier is different.

#### Amendment:

- 5; Coccidiostats and histomonostats; 5 1 701; Monensin sodium (Coxidin; carrier Wheat bran) (holder of the authorisation Huvepharma NV Belgium) [Chickens for fattening; Turkeys]; Reg. (EC) No 109/2007 / Corrigendum in OJ L 37, 09.02.2007, p. 9 / Amended by Reg (EC) No 156/2008 of 21 February 2008 / Amended by Reg (EC) No 1095/2008 of 6 November 2008 / Amended by Commission Implementing Regulation (EU) No 495/2011 of 20 May 2011 in OJ L 31, 06.02.2007, p. 8 / Corrigendum OJ L 37, 09.02.2007, p. 9 / Amended by OJ L 48 of 22.02.08, p. 14 / Amended by OJ L 298 of 07.11.08, p. 3 / Amended by Commission Implementing Regulation (EU) No 495/2011 of 20 May 2011 in OJ L 134 of 21.05.2011, p. 6

### **117<sup>th</sup> Edition:** published on 12 May 2011

#### Additions:

- 4; a; Digestibility enhancers; 4a10; Preparation of endo-1,4-beta-xylanase produced by *Trichoderma reesei* (ATCC PTA 5588), alpha-amylase produced by *Bacillus amyloliquefaciens* (ATCC 3978) and subtilisin produced by *Bacillus subtilis* (ATCC 2107) [Laying hens] (holder of authorisation Danisco Animal Nutrition); Commission Implementing Regulation (EU) No 389/2011 of 19 April 2011 in OJ L 104, 19.04.2011, p. 7
- 4; b; Gut flora stabilisers; 4b1830; Preparation of *Clostridium butyricum* FERM BP-2789 (holder of authorisation Miyarisan Pharmaceutical Co. Ltd represented by Miyarisan Pharmaceutical Europe S.L.U.) [Minor avian species (excluding laying birds); Piglets (weaned) and minor porcine species (weaned)]; Commission Implementing Regulation (EU) No 373/2011 of 15 April 2011 in OJ L 102, 16.04.2011, p. 10
- 4; d; Other zootechnical additives; 4d4; Dimethylglycine sodium salt (holder of the authorisation Taminco N.V.) [Chickens for fattening]; Commission Implementing Regulation (EU) No 371/2011 of 15 April 2011 in OJ L 102 16.04.2011, p. 6
- 5; Coccidiostats and histomonostats; 5 1 770; Maduramicin ammonium alpha 10 g/kg (Cygro 10 G) (holder of authorisation Alpharma (Belgium) BVBA) [Chicken for fattening]; Commission Implementing Regulation (EU) No

Reg (EC) No 1831/2003; European Union Register of Feed Additives. Appendixes 3b – 7.2.2012

Register: [http://ec.europa.eu/food/food/animalnutrition/feedadditives/registeradditives\\_en.htm](http://ec.europa.eu/food/food/animalnutrition/feedadditives/registeradditives_en.htm)

European Union legislation on feed additives: [http://ec.europa.eu/food/food/animalnutrition/feedadditives/legisl\\_en.htm](http://ec.europa.eu/food/food/animalnutrition/feedadditives/legisl_en.htm)

#### Amendments:

- 4; b; Gut flora stabilisers; 4b1830; Preparation of ~~*Clostridium butyricum* MIYAIRI 588 (FERM-P 1467)~~ changed to *Clostridium butyricum* FERM-BP 2789 (holder of authorisation Miyarisan Pharmaceutical Co. Ltd, represented by ~~Mitsui & Co. Deutschland GmbH~~ -> Miyarisan Pharmaceutical Co. Ltd represented by Miyarisan Pharmaceutical Europe S.L.U.) [chickens for fattening]; Reg. (EC) No 903/2009 of 28 September 2009 is Amended by Commission Implementing Regulation (EU) No 373/2011 of 15 April 2011 in OJ L 102, 16.04.2011, p. 10. *“the words ‘Clostridium butyricum MIYAIRI 588 (FERM-P 1467)’ and the words ‘Mitsui & Co. Deutschland GmbH’ are replaced respectively by the words ‘Clostridium butyricum FERM-BP 2789’ and by the words ‘Miyarisan Pharmaceutical Europe S.L.U.’; “In point 2 of the ‘Other provisions’ column of the Annex to Regulation (EC) No 903/2009 the words ‘monensin sodium or lasalocid’ are added”.*
- 5; Coccidiostats and other medicinal substances; E 770; Maduramicin ammonium alpha 1 g/100g (Cygro 1 %) (holder of authorisation Alpharma (Belgium) BVBA) [Chicken for fattening]; Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Reg. (EC) No 2430/1999 of 17 November 1999 / Amended by Reg. (EC) No 552/2008 of 17 June 2008 / Amended by Reg. (EU) No 1118/2010 of 2 December 2010 / Amended by Commission Implementing Regulation (EU) No 388/2011 of 19 April 2011 in OJ L 104, 19.04.2011, p. 3 *“In Annex I to Regulation (EC) No 2430/1999, the entry under the registration number of additive E 770, concerning Maduramicin ammonium alpha is deleted.”*
- 5; Coccidiostats and other medicinal substances; E 770; Maduramicin ammonium alpha 1 g/100g (Cygro 1 %) (holder of authorisation Alpharma (Belgium) BVBA) [Turkeys]; Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Reg. (EC) No 2380/2001 of 5 December 2001 / Amended by Reg. (EC) No 552/2008 of 17 June 2008 / Amended by Commission Implementing Regulation (EU) No 406/2011 of 27 April 2011 in OJ L 108, 28.04.2011, p. 11

#### Removal :

- 5; Coccidiostats and other medicinal substances; E 770; Maduramicin ammonium alpha 1 g/100g (Cygro 1 %) (holder of authorisation Alpharma (Belgium) BVBA) [Chicken for fattening] is deleted by Commission Implementing Regulation (EU) No 388/2011 of 19 April 2011 in OJ L 104, 19.04.2011, p. 3 *“In Annex I to Regulation (EC) No 2430/1999, the entry under the registration number of additive E 770, concerning Maduramicin ammonium alpha is deleted.”*

## 116<sup>th</sup> Edition: published on 14 April 2011

#### Additions:

- 4; b; Gut flora stabilisers; 4b1705; *Enterococcus faecium* NCIMB 10415 [Chickens for fattening]; Commission Implementing Regulation (EU) No 361/2011 of 13 April 2011 in OJ L 100, 14/04/2011, p. 22

#### Amendments:

- Micro-organisms; E 1705; *Enterococcus faecium* NCIMB 10415 [Chickens for fattening, Pigs for fattening]; Reg. (EC) No 943/2005 / amended by Commission Implementing Regulation (EU) No 361/2011 of 13 April 2011 in OJ L 100, 14/04/2011, p. 22. Annex I to Regulation (EC) No 943/2005 is replaced.

## Removal:

*NOTA : The entries are grayed and will be removed in the next edition of the Register.*

- Micro-organisms; E 1705; *Enterococcus faecium* NCIMB 10415 [Chickens for fattening]; Reg. (EC) No 943/2005 / amended by Commission Implementing Regulation (EU) No 361/2011 of 13 April 2011 in OJ L 159, 22.06.2005, p. 6 / Amended by OJ L 100, 14/04/2011, p. 22. Use for [Chickens for fattening] is replaced by the new authorisation for 4b1705 in the same implementing regulation.

## 115<sup>th</sup> Edition: published on 8 April 2011

### Additions:

- 4; a; Digestibility enhancers; 4a15; Preparation (solid and liquid form) of endo-1,4-beta-xylanase produced by *Trichoderma reesei* (ATCC PTA 5588) and endo-1,3(4)-beta-glucanase produced by *Trichoderma reesei* (ATCC SD 2106) (holder of the authorisation Danisco Animal Nutrition) [Turkeys for fattening and reared for breeding; Laying hens; Other poultry; Piglets (weaned); Pigs for fattening]; COMMISSION REGULATION (EU) No 337/2011 of 7 April 2011 in OJ L 94, 08.04.2011. p.19

### Amendments:

- 4; a; Digestibility enhancers; 4a9; Preparation of endo-1,4-beta-xylanase produced by *Trichoderma reesei* (MUCL 49755) and endo-1,3(4)-beta-glucanase produced by *Trichoderma reesei* (MUCL 49754) (holder of authorisation Aveve NV) [chickens for fattening] (holder of authorisation Aveve NV); Reg. (EC) No 1091/2009 is *Amended by* Reg. (EU) No 335/2011 of 7 April 2011 in OJ L 94, 08.04.2011, p. 14.
- 4; b; Gut flora stabilisers; 4b1822; *Bacillus amyloliquefaciens* CECT 5940 (holder of the authorisation NOREL SA) [Chickens for fattening]; Reg. (EC) No 1292/2008 of 18 December 2008 is *Amended by* Reg (EU) No 336/2011 of 7 April 2011 in OJ L 94, 08.04.2011, p. 17

## 114<sup>th</sup> Edition: published on 30 March 2011

### Removal :

*NOTA : The entries are grayed and will be removed in the next edition of the Register.*

- Micro-organisms; 26; *Kluyveromyces marxianus-fragilis* B0399 MUCL 41579 [Piglets (Weaned)]; Reg. (EC) No 773/2006 OJ L 135, 23.05.2006, p. 3 ; authorisation expired 12.06.2010

### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted (in due time) for the following additives:

- 5; Coccidiostats and other medicinal substances; E 770; Maduramicin ammonium alpha 1 g/100g (Cygro 1 %) (holder of authorisation Alpha (Belgium) BVBA) [Turkeys]

### Correction :

- 4d1712; *Pediococcus acidilactici* CNCM MA 18/5M (holder of authorisation Lallemand SAS). Functional group corrected for [Piglets (weaned)] and [Laying hens].
- Some minor typing mistake.

## Corrigendum :

- PL corrigendum to Commission Regulation (EU) No 892/2010 of 8 October 2010 on the status of certain products with regard to feed additives within the scope of Regulation (EC) No 1831/2003 of the European Parliament and of the Council published in OJ L32 PL of 08.02.2011, p. 24 (<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2011:032:0024:0024:PL:PDF>).

Sprostowanie do rozporządzenia Komisji (UE) nr 892/2010 z dnia 8 października 2010 r. w sprawie statusu niektórych produktów odnośnie do dodatków paszowych objętych zakresem rozporządzenia (WE) nr 1831/2003 Parlamentu Europejskiego i Rady ([Dz.U. L 155 z 22.6.2010](http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2011:032:0024:0024:PL:PDF))

## **113<sup>rd</sup> Edition:** published on 9 March 2011

### Additions:

- 4; a; Digestibility enhancers; 4a1641(i); 6-Phytase / EC 3.1.3.26 produced by *Aspergillus oryzae* (DSM 14223) (holder of the authorisation DSM Nutritional Products Ltd represented by DSM Nutritional products Sp. z o.o) [Salmonids]; Reg (EC) No 221/2011 of 4 March 2011 in OJ L 60, 05.03.2011, p. 3
- 4; d; Other zootechnical additives; 4d1712; *Pediococcus acidilactici* CNCM MA 18/5M [Laying hens] (holder of authorisation Lallemand SAS); Reg. (EU) No 212/2011 of 3 March 2011 in OJ L 59, 04.03.2011, p. 1

### Amendments:

- Reg. (EC) No 521/2005 is Amended by Reg. (EU) No 221/2011; in OJ L 60, 05.03.2011, p. 3. "In Regulation (EC) No 521/2005, Article 2 and Annex II are deleted."

## **112<sup>nd</sup> Edition:** published on 28 February 2011

### Additions:

- 4; b; Gut flora stabilisers; 4b1820; *Bacillus subtilis* C-3102 (DSM 15544) (holder of the authorisation Calpis Co. Ltd Japan, represented by Calpis Co. Ltd Europe Representative Office, France) [Chickens reared for laying; Turkeys, minor avian species and other ornamental and game birds]; Reg. (EC) No 184/2011 of 25 February 2011 in OJ L 53, 26.02.2011, p. 33

### Correction :

- Entry 4b1820 corrected : minor typing mistake.

### Removal:

*NOTA : The entries grayed in edition 111 are removed.*

## **111<sup>st</sup> Edition:** published on 25 February 2011

### Additions:

- 4; a; Digestibility enhancers; 4a1641(i); 6-Phytase / EC 3.1.3.26 produced by *Aspergillus oryzae* (DSM 14223) (holder of the authorisation DSM Nutritional Products Ltd represented by DSM Nutritional products Sp. z o.o) [Poultry for breeding and for laying; Other poultry; Pigs for breeding and minor porcine species for breeding]; Reg (EC) No 171/2011 of 23 February 2011 in OJ L 49, 24.02.2011, p. 11/
- 4; b; Gut flora stabilisers; 4b1710; *Saccharomyces cerevisiae* MUCL 39885 (holder of the authorisation Prosol SpA) [Piglets (Weaned)]; Reg. (EU) No 170/2011 of 23 February 2011 in OJ L 49, 24.02.2011, p. 8
- 5; Coccidiostats and other medicinal substances; 5 1 771; Diclazuril 0,5 g/100 g (Clinacox 0,5 % Premix) (holder of authorisation Janssen Pharmaceutica NV) [Guinea fowls]; Reg. (EU) No 169/2011 of 23 February 2011 in OJ L 49, 24.02.2011, p. 6

#### Amendments:

- Reg. (EU) No 107/2010 of 8 February 2010 is Amended by Reg. (EU) No 168/2011 of 23 February 2011 in OJ L 49, 24.02.2011, p. 4. Annex is replaced.
- Reg. (EC) No 1200/2005; Amended by Reg. (EC) No 1445/2006 of 29 September 2006; Amended by Reg. (EU) No 104/2010; is Amended by Reg. (EU) No 170/2011. “The entry E 1710, additive: *Saccharomyces cerevisiae* MUCL 39885, is deleted.”
- Reg. (EC) No 255/2005 is Amended by Reg. (EU) No 171/2011; in OJ L 49, 24.02.2011, p. 11. “The entry EC No: E 1614(i), additive: 6-phytase EC 3.1.3.26, is deleted.”

#### Removal:

*NOTA : The entries are grayed and will be removed in the next edition of the Register.*

- 4; a; Digestibility enhancers; 4a1614(i); 6-Phytase / EC 3.1.3.26 produced by *Aspergillus oryzae* (DSM 14223) (Ronozyme) (holder of the authorisation DSM Nutritional Products Ltd ) [Ducks]; Reg (EC) No 1500/2007 of 18 December 2007 is Repealed by Reg. (EU) No 171/2011 in OJ L 49, 24.02.2011, p. 11
- Enzymes; E 1614 (i); 6-Phytase / EC 3.1.3.26 produced by *Aspergillus oryzae* (DSM 14223) [Chickens for Fattening; Laying hens; Turkeys for fattening; Piglets; Pigs for fattening; Sows] because Reg. (EC) No 255/2005 is Amended by Reg. (EU) No 171/2011 in OJ L 49, 24.02.11, p. 11. “The entry EC No: E 1614(i), additive: 6-phytase EC 3.1.3.26, is deleted.”
- Micro-organisms; E 1710; *Saccharomyces cerevisiae* MUCL 39885 [Piglets (Weaned)]; Reg. (EC) No 1200/2005 / Amended by Reg. (EU) No 104/2010; is Amended by Reg. (EU) No 170/2011 in OJ L 49, 24.02.2011, p. 8. “In Annex II to Regulation (EC) No 1200/2005, the entry E 1710, additive: *Saccharomyces cerevisiae* MUCL 39885, is deleted.”

## **110<sup>th</sup> Edition:** published on 27 January 2011

#### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 2; a; Other colourants; *Relevant E number*; Allura Red E 129; Brilliant Black PN E 151; Brilliant Blue FCF E 133; Brown HT E 155; Caramel colours E150b, E150c and E150d; Carmine (Carmine Lake WSP 50%) E 120; Carmoisine E 122; Chlorophyllin Copper Complex E 141; Erythrosine E 127; Indigotine E 132; Iron Oxide Red, Black & Yellow E 172; Patent Blue V E 131; Ponceau 4 R E 124; Quinoline Yellow E 104; Titanium dioxide (anatase & rutile structure) E 171; Vegetal Carbon E 153; Tartrazine E 102; Sunset yellow FCF E 110 as colouring agents authorised for colouring foodstuffs by Community rules, other than Patent blue V, Acid brilliant green BS, and Canthaxanthin [Dogs; Cats]

#### Correction :

- Entries for various additives of category 4 were corrected (holder of the authorisation added or updated).

#### Removal:

*NOTA : The entry grayed in edition 109 is removed.*

## **109<sup>th</sup> Edition:** published on 17 January 2011

### Addition:

- 3; a; Vitamins and provitamins; 3a700; **Vitamin E** [All species]; Commission Regulation (EU) No 26/2011 of 14 January 2011 in OJ L 11, 15.01.2011, p. 18

### Removal:

*NOTA : The entries are grayed and will be removed in the next edition of the Register.*

- 3; a; Vitamins and provitamins; **Vitamin E**. Replaced by 3a700

## **108<sup>th</sup> Edition:** published on 14 January 2011

### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- CAS No. 107-85-7 / 3-Methylbutylamine / Flavis No. 11.001
- CAS No. 75-50-3 / Trimethylamine / Flavis No. 11.009

### Correction :

- Some typing mistakes corrected for the following additives : 3b4.10; 3b5.10; 3b6.10; E 5 (**Manganese - Mn**, Manganese chelate of glycine, hydrate) and “*Myristica fragrans* Houtt”

## **107<sup>th</sup> Edition:** published on 10 January 2011

### Corrigendum:

- 4; a; Digestibility enhancers; 4a6; 6-Phytase / EC 3.1.3.26 produced by *Aspergillus oryzae* (DSM 17594) (holder of authorisation DSM Nutritional Products Ltd., represented by DSM Nutritional Products Sp. Z.o.o.) [Sows]; Reg (EU) No 999/2010 of 5 November 2010 / Corrigendum BG in OJ L 341 BG 23.12.2010, p. 52

### Correction :

- Entries for various additives of category 4 were corrected (holder of the authorisation added or updated).

## **106<sup>th</sup> Edition:** published on 17 December 2010

### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; Binders, anti-caking agents and coagulants; E 599; Perlite
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 410; Locust bean gum (Carob gum)

## **105<sup>th</sup> Edition:** published on 9 December 2010

### Information:

Following the provisions of Art. 10 § 7 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; k; 2 – Microorganisms; *Lactobacillus plantarum* CNCM I-3235 / ATCC 8014

### Correction :

Entries for various additives were corrected.

- Beta-carotene
- Vermiculite E 561

## Removal:

*NOTA : The entries grayed in edition 104 are removed.*

## 104<sup>th</sup> Edition: published on 3 December 2010

### Addition:

- 4; b; Gut flora stabilisers; 4b1710; *Saccharomyces cerevisiae* MUCL 39885 (holder of the authorisation Prosol SpA) [Dairy cows; Horses]; Reg. (EU) No 1119/2010 of 2 December 2010 in OJ L 317, 03.12.2010, p. 9
- 4; d; Other zootechnical additives; 4d 3; Preparation of protected citric acid, sorbic acid, thymol and vanillin [Piglets (Weaned)]; Reg. (EU) No 1117/2010 of 2 December 2010 in OJ L 317, 3.12.2010, p. 3
- 4; d; Other zootechnical additives; 4d1712; *Pediococcus acidilactici* CNCM MA 18/5M [Piglets (weaned)] (holder of authorisation Lallemand SAS); Reg. (EU) No 1120/2010 of 2 December 2010 in OJ L 317, 03.12.2010, p. 12
- 5; Coccidiostats and other medicinal substances; 5 1 771; Diclazuril 0,5 g/100 g (Clinacox 0,5 % Premix) (holder of authorisation Janssen Pharmaceutica NV) [Chickens for fattening]; Reg. (EU) No 1118/2010 of 2 December 2010 in OJ C 50, 25.02.2004, p. 1 / OJ L317, 03.12.2010, p. 5

### Removal:

*NOTA : The entries are grayed and will be removed in the next edition of the Register.*

- 5; Coccidiostats and other medicinal substances; E 771; Diclazuril 0,5 g/100 g (Clinacox 0,5 % Premix) [Chickens for fattening]
- Micro-organisms; E 1710; *Saccharomyces cerevisiae* MUCL 39885 [Dairy cows]; Reg. (EC) No 1520/2007 in OJ L 333, 20.12.2007, p. 54

### Amendment:

- Reg. (EC) No 2430/1999 is amended by Reg. (EU) No 1118/2010 of 2 December 2010 in OJ L 317, 3.12.2010, p. 3. "In Annex I to Regulation (EC) No 2430/1999, the entry under the registration number of additive E 771, concerning diclazuril for chickens for fattening, is deleted"
- Reg. (EC) No 1520/2007 is amended by Reg. (EU) No 1119/2010 of 2 December 2010 in OJ L 317, 03.12.2010, p. 9 " In Regulation (EC) No 1520/2007, Article 1 and Annex I are deleted. "

### Information:

NOTE : The annex is now split in 2. Annex I contains the additives currently authorised and the annex II contains the additives for which no application for re-evaluation was submitted by 8 November 2010 (see explanatory note).

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; a; Preservatives; E 218; Methyl 4-hydroxybenzoate [Pets]
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 461; Methylcellulose
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 464; Hydroxypropylmethylcellulose
- 1; j; Acidity regulators; E 524; Sodium hydroxide [Cats; Dogs]
- 2; a (iii); Other colourants; E 131; Patent blue V [Grain-eating ornamental birds; Small rodents]
- Enzymes; E 1617; Endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (IMI SD 135) / EC 3.2.1.8 [Chickens for fattening]
- Enzymes; E 1617; Endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (IMI SD 135) / EC 3.2.1.8 [Turkeys for fattening]
- Enzymes; E 1617; Endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (IMI SD 135) / EC 3.2.1.8 [Laying hens; Piglets (weaned)]
- Micro-organisms; E 1705; *Enterococcus faecium* NCIMB 10415 [Cats, dogs]

## 103<sup>rd</sup> Edition: published on 29 November 2010

### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; a; Preservatives; E 700; Sodium benzoate 140 g/kg, Propionic acid 370 g/kg, Sodium propionate 110 g/kg [Cattle for fattening]
- 1; a; Preservatives; E 700; Sodium benzoate 140 g/kg, Propionic acid 370 g/kg, Sodium propionate 110 g/kg [Pigs; Dairy cows]
- 1; Binders, anti-caking agents and coagulants; E 554; Sodium aluminosilicate, synthetic
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 413; Tragacanth
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 460(ii); Cellulose powder
- 1; j; Acidity regulators; E 450 a (i); Disodium dihydrogen diphosphate [Cats; Dogs]
- 2; a (iii); Carotenoids and xanthophylls; E 161g; Canthaxanthin [Pet and ornamental birds]
- 2; a (iii); Other colourants; E 141; Chlorophyll copper complex [Ornamental fish]
- 2; a (iii); Other colourants; E 141; Chlorophyll copper complex [Grain-eating ornamental birds; Small rodents]
- 2; a; Carotenoids and xanthophylls; E 161g; Canthaxanthin [Poultry other than laying hens; Laying hens; Salmon; Trout; Dogs, Cats and ornamental fish]
- 2; a; Carotenoids and xanthophylls; E 161g; Canthaxanthin authorised for colouring foodstuffs by Community rules
- 2; a; Carotenoids and xanthophylls; E 161h; Zeaxanthin [Poultry]
- 2; a; Other colourants; *Relevant E number*: Allura Red E 129; Brilliant Black PN E 151; Brilliant Blue FCF E 133; Brown HT E 155; Caramel colours E150b, E150c and E150d; Carmine (Carmine Lake WSP 50%) E 120; Carmoisine E 122; Chlorophyllin Copper Complex E 141; Erythrosine E 127; Indigotine E 132; Iron Oxide Red, Black & Yellow E 172; Patent Blue V E 131; Ponceau 4 R E 124; Quinoline Yellow E 104; Titanium dioxide (anatase & rutile structure) E 171; Vegetal Carbon E 153; as colouring agents authorised for colouring foodstuffs by Community rules, other than Patent blue V, Acid brilliant green BS, and Canthaxanthin [Dogs; Cats]
- Enzymes; E 1613; Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma longibrachiatum* (CNCM MA 6-10 W) [Chickens for fattening]
- Enzymes; E 1613; Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma longibrachiatum* (CNCM MA 6-10 W) [Turkeys for fattening]
- Enzymes; E 1613; Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma longibrachiatum* (CNCM MA 6-10 W) [Laying hens]
- Micro-organisms; E 1714; *Lactobacillus farciminis* CNCM MA 67/AR [Piglets (Weaned)]

Following the provisions of Art. 10 § 7 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; k; 2 - Microorganisms; *Lactobacillus buchneri* DSM 13573
- 1; k; 2 - Microorganisms; *Lactobacillus plantarum* DSM 3676
- 1; k; 2 - Microorganisms; *Lactobacillus plantarum* DSM 3677

## 102<sup>nd</sup> Edition: published on 23 November 2010

### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 322; Lecithins
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 412; Guar gum

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Reg (EC) No 1831/2003; European Union Register of Feed Additives. Appendixes 3b – 7.2.2012

Register: [http://ec.europa.eu/food/food/animalnutrition/feedadditives/registeradditives\\_en.htm](http://ec.europa.eu/food/food/animalnutrition/feedadditives/registeradditives_en.htm)

European Union legislation on feed additives: [http://ec.europa.eu/food/food/animalnutrition/feedadditives/legisl\\_en.htm](http://ec.europa.eu/food/food/animalnutrition/feedadditives/legisl_en.htm)

- 2; a (iii); Other colourants; E 110; Sunset yellow FCF [Grain-eating ornamental birds; Small rodents; Ornamental fish]
- 2; a (iii); Other colourants; E 132; Indigotine [Ornamental fish]
- 2; a; Other colourants; *Relevant E number*; Allura Red E 129; Brilliant Black PN E 151; Brilliant Blue FCF E 133; Brown HT E 155; Caramel colours E150b, E150c and E150d; Carmoisine E 122; Chlorophyllin Copper Complex E 141; Erythrosine E 127; Indigotine E 132; Iron Oxide Red, Black & Yellow E 172; Patent Blue V E 131; Ponceau 4 R E 124; Quinoline Yellow E 104; Titanium dioxide (anatase & rutile structure) E 171; Vegetal Carbon E 153; as colouring agents authorised for colouring foodstuffs by Community rules, other than Patent blue V, Acid brilliant green BS, and Canthaxanthin [Dogs; Cats]
- 2; b; *Abies alba* Mill., *A. sibirica* Ledeb.: Pine needle oil; CAS 8021-29-2; FEMA 2905; CoE 5; EINECS 294-351-9
- 2; b; *Agothosma betulina*, synonyme *Barosma betulina* Bartl. Et Wendl.: Buchu leaves oil; CAS 68650-46-4; FEMA 2169; CoE 85; EINECS 283-474-3
- 2; b; *Althaea officinalis* L.: *Althaea* tincture; CoE 31
- 2; b; *Amyris balsamifera* L.: *Amyris* oil; CoE 33
- 2; b; *Anacardium occidentale* L.: Cashew oil; CoE 34
- 2; b; *Arctium majus* Bernh. = *A. lappa* L. : Great burdock extract; CoE 57 / [Cats and dogs]
- 2; b; *Armoracia lapathifolia* Gilib. = *A. rusticana* (Gaertner) B.Meyer et Scherbius: Horseradish tincture; CoE 145
- 2; b; *Berberis vulgaris* L.: Barberry concentrate; CoE 86 / Barberry tincture; CoE 86
- 2; b; *Boswellia serrata* Roxb. Ex Colebr.: Olibanum extract [All species with the exception of Cats and dogs]
- 2; b; *Capsicum annuum* L., *C. frutescens* L.: Capsicum oleoresin; CAS 8023-77-6; FEMA 2234; CoE 108; EINECS 283-256-8 / Paprika oleoresin; CAS 84625-29-6; FEMA 2834; CoE 107; EINECS 283-403-6 / Capsicum extract; CAS 8023-77-6; FEMA 2233; CoE 108; EINECS 283-256-8 / Capsicum / Paprika tincture; CoE 107/108
- 2; b; *Castanea sativa* Mill.: Chestnut extract
- 2; b; *Cimicifuga simplex* (Wormsk. Ex DC.) Ledeb. = *C. racemosa* (L.) Nutt.: Sarashina shoma extract / Sarashina shoma tincture
- 2; b; *Citrus aurantiifolia* (Christm.) Swingle: Lime oil expressed; CAS 8008-26-2; FEMA 2631; CoE 141; EINECS 290-010-3 / Lime oil expressed terpenless; CAS 68916-84-7; FEMA 2632; CoE 141 / Lime oil distilled; CAS 8008-26-2; CoE 141; EINECS 290-010-3 / Lime essence oil; CoE 141
- 2; b; *Citrus aurantium* L. : Neroli bigarade oil; CAS 8016-38-4; FEMA 2771; CoE 136; EINECS 277-143-2 / Petitgrain bigarade oil; CAS 8014-17-3; FEMA 2855; CoE 136; EINECS 283-881-6 / Petitgrain bigarade absolute; CAS 8014-17-3; CoE 136; EINECS 283-881-6
- 2; b; *Citrus aurantium* L. var *myrtifolia* Ker-Gawl. = *C. aurantium* L. spp. *Amara* var. *pumilia*: Bitter orange extract of whole fruit; CoE 138
- 2; b; *Citrus reticulata* Blanco: Mandarin oil; CAS 8008-31-9; FEMA 2657; CoE 142 / Mandarin, Tangerine terpenes; CoE 142
- 2; b; *Citrus sinensis* (L.) Pers. = *C. aurantium* L. var. *dulcis*: Orange terpenes; CAS 8028-48-6; CoE 143; EINECS 232-433-8 / Orange oil cold pressed; CAS 8028-48-6; FEMA 2825; CoE 143; EINECS 232-433-8 / Orange oil distilled; CAS 68606-94-0; FEMA 2821; CoE 143; EINECS 304-454-3 / Orange oil terpenless; CAS 8008-57-9; FEMA 2822/2826; CoE 143; EINECS 232-433-8
- 2; b; *Citrus x paradisi* Macfad.: Grapefruit oil expressed; CAS 8016-20-4; FEMA 2530; CoE 140; EINECS 289-904-6 / Grapefruit extract; CoE 140
- 2; b; *Crataegus oxyacantha* L.p.p. et auct.: Hawthorne tincture; CoE 156
- 2; b; *Echinacea angustifolia* DC.: Blacksamson echinacea extract [Cats and dogs]
- 2; b; *Echinacea purpurea* (L.) Moench.: Echinacea extract [Cats and dogs]
- 2; b; *Equisetum arvense* L.: Horsetail tincture
- 2; b; *Eschscholzia californica* Cham.: California poppy tincture
- 2; b; *Filipendula ulmaria* (L.) Maxim.: Dropwort tincture; CoE 199
- 2; b; *Fucus vesiculosus* L.: Algues absolute; CAS 68917-51-1; CoE 206; EINECS 283-633-7
- 2; b; *Garcinia cambogia* Desrouss.: *Garcinia* extract [Cats and dogs]
- 2; b; *Gaultheria procumbens* L.: Wintergreen oil; CAS 90045-28-6; FEMA 3113; CoE 211; EINECS 289-888-0

- 2; b; *Gentiana lutea* L. = *G. pupurea* L.: Gentian tincture; CoE 214
- 2; b; *Gingko biloba* L.: Gingko extract [All species with the exception of cats and dogs] / Gingko tincture [All species]
- 2; b; *Gingko biloba* L.: Gingko extract [Cats and dogs]
- 2; b; *Gymnostemma pentaphyllum* Makino: Immortality herb tincture
- 2; b; *Helianthus annuus* L.: Sunflower extract [Cats and dogs]
- 2; b; *Humulus lupulus* L.: Hop. Tincture; CoE 233
- 2; b; *Hypersicum perforatum* L.: St. John's wort tincture; CoE 234
- 2; b; *Hyssopus officinalis* L. = *H. decumbens* Jord. & Fourr. : Hyssop. Oil; CAS 8006-83-5; FEMA 2591; CoE 235; EINECS 283-266-3 [Cats and dogs]
- 2; b; *Juniperus communis* L.: Juniper tincture; CoE 249 / Juniper berry extract; CAS 84603-69-0; FEMA 2603; CoE 249; EINECS 283-268-3 / Juniper berry oil; CAS 8002-68-4; FEMA 2604; CoE 249; EINECS 283-268-3 / Juniper branches oil; CAS 8012-91-7; CoE 249; EINECS 283-268-3
- 2; b; *Juniperus mexicana* Schiede: Cedarwood Texas oil
- 2; b; *Lepidium meyenii* Walp. : Maca extract
- 2; b; *Linum usitatissimum* L.: Linseed tincture; CoE 263
- 2; b; *Mallotus philippinensis* (Lam.) Muell. Arg.: Kamala extract; CoE 535
- 2; b; *Malphigia glabra* L.: Acerola extract
- 2; b; *Malus silvestris* Mill.: Apple concentrate; CoE 386
- 2; b; *Momordica charantia* L.: Bitter melon tincture
- 2; b; natural products - non plant origin; *Sus scrofa* (extract from defatted porcine pancreatic glands) [Cats and dogs and other carnivorous and omnivorous companion animals such as ferrets]
- 2; b; *Paeonia lactiflora* Pall. = *P. albiflora* Pall. : Chinese peony tincture
- 2; b; *Panax ginseng* C. A. Mey.: Ginseng extract; CoE 318 [Cat and dogs]
- 2; b; *Passiflora incarnata*, extract
- 2; b; *Pinus pinaster* Soland.: Pine oil / Pine tincture
- 2; b; *Pinus spp.*, e.g. *P. sylvestris* L. : Pine oil white; CAS 8002-09-3; CoE 340
- 2; b; *Potentilla erecta* L.; synonyme *Potentilla tormentilla* Stokes: Tormentill tincture; CoE 493
- 2; b; *Quercus robur* L., *Q. pedunculata* Ehrh.: Oak wood english cresote / extract; CAS 71011-28-4; CoE 390; EINECS 275-129-0
- 2; b; *Ribes nigrum* L.: Black currant extract; CoE 399
- 2; b; *Rosa canina* L.: Rose tincture; CoE 403
- 2; b; *Rubus spp.*, e.g. *Rubus fruticosus* L.): Blackberry tincture; CoE 408
- 2; b; *Salix alba* L.: White willow extract / White willow tincture
- 2; b; *Schinopsis Balansae*: quebracho colorado condensed tannins extract; CAS 1401-55-04
- 2; b; *Styrax benzoin* Dryand., *S. tonkinensis* (Pierre) Craib ex Hartwich: Benzoin resinoid; CAS 9000-05-9; FEMA 2133; CoE 439; EINECS 232- 523-7
- 2; b; *Thea sinensis* L. = *Chamellia thea* Link. = *Chamellia sinensis* (L.) O. Kuntze: Tea extract; CAS 84650-60-2; CoE 451; EINECS 283-519-7 / Tea tincture; CoE 451
- 2; b; *Thea sinensis* L.: Tea tincture; CoE 451
- 2; b; *Theobroma cacao* L.: Cocoa absolute; CoE 452 / Cocoa extract; CAS 84649-99-0; CoE 452; EINECS 283-460-6
- 2; b; *Uncaria tomentosa* L. = *Ourouparia guianensis* Aubl.: Cat's claw extract
- 2; b; *Urtica dioica* L.: Common nettle extract; CoE 468
- 2; b; *Urtica urens* L.: Dwarf nettle tincture
- 2; b; *Vaccinium myrtillus* L. : Blueberry tincture; CoE 469

- 2; b; *Vitis vinifera* L.: Cognac oil green; CAS 8016-21-5; FEMA 2331; CoE 485; EINECS 232-403-4 / Cognac oil white; CAS 8016-21-5; FEMA 2332; CoE 485; EINECS 232-403-4 / Grape skin extract; CoE 485
- 2; b; *Withania somniferum* (L.) Dunal. = *Physalis somnifera* Link: Ashwagandha tincture
- 3; b; Trace elements; E 6; **Zinc - Zn**, Zinc chelate of amino acids hydrate
- 3; b; Trace elements; E 6; **Zinc - Zn**, Zinc chelate of glycine, hydrate
- CAS No. 100-53-8 / Phenylmethanethiol / Flavis No. 12.005 [Cats and dogs]
- CAS No. 108-99-6 / picoline beta (3-methylpyridine) / Flavis No. 14.135 [Cats and dogs]
- CAS No. 109-73-9 / Butylamine / Flavis No. 11.003 [Cats and dogs]
- CAS No. 110-42-9 / Methyl decanoate / Flavis No. 09.251 [Cats and dogs]
- CAS No. 1193-79-9 / 2-Acetyl-5-methylfuran / Flavis No. 13.083 [Cats and dogs]
- CAS No. 122-70-3 / Phenethyl propionate / Flavis No. 09.137 [Cats and dogs]
- CAS No. 142-83-6 / Hexa-2(trans),4(trans)-dienal / Flavis No. 05.057 [Cats and dogs]
- CAS No. 2363-89-5 / Oct-2-enal / Flavis No. 05.060 [Cats and dogs]
- CAS No. 23787-80-6 / 2-Acetyl-3-methylpyrazine / Flavis No. 14.082 [Cats and dogs]
- CAS No. 27538-09-6 / 2-Ethyl-4-hydroxy-5-methyl-3(2H)-furanone / Flavis No. 13.084 [Cats and dogs]
- CAS No. 30086-02-3 / 3,5-Octadiene-2-one / Flavis No. 07.247 [Cats and dogs]
- CAS No. 3913-71-1 / Dec-2-enal / Flavis No. 05.076 [Cats and dogs]
- CAS No. 3913-85-7 / Dec-2-enoic acid / Flavis No. 08.073 [Cats and dogs]
- CAS No. 4861-58-9 / sec-Pentylthiophene / Flavis No. 15.096 [Cats and dogs]
- CAS No. 505-57-7 / 2-Hexenal; hex-2-enal / Flavis No. 05.189 [Cats and dogs]
- CAS No. 534-22-5 / 2-Methylfuran / Flavis No. 13.030 [Cats and dogs]
- CAS No. 541-31-1 / 3-Methylbutane-1-thiol / Flavis No. 12.171 [Cats and dogs]
- CAS No. 7367-88-6 / Ethyl dec-2-enoate / Flavis No. 09.283 [Cats and dogs]
- CAS No. 75853-49-5 / 12-Methyltridecanal / Flavis No. 05.169 [Cats and dogs]
- CAS No. 76649-16-6 / Ethyl dec-4-enoate / Flavis No. 09.284 [Cats and dogs]
- CAS No. 766-92-7 / Benzyl methyl sulfide / Flavis No. 12.077 [Cats and dogs]
- CAS No. 7774-82-5 / Tridec-2-enal / Flavis No. 05.078 [Cats and dogs]
- CAS No. 95-87-4 / 2,5-Dimethylphenol / Flavis No. 04.019 [Cats and dogs]
- Enzymes; E 1612; Preparation of endo-1,3(4)-beta-glucanase / EC 3.2.1.6 and endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Aspergillus niger (phoenicis)* (NRRL 25541) and of alphaamylase / EC 3.2.1.1 produced by *Aspergillus oryzae* (ATCC 66222) [Piglets (Weaned)]
- Enzymes; E 1625; Preparation of endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Trichoderma longibrachiatum* (ATCC 2106), endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma longibrachiatum* (IMI SD 135), alpha-amylase / EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553) and polygalacturonase / EC 3.2.1.15 produced by *Aspergillus aculeatus* (CBS 589.94) [Piglets (Weaned)]
- Micro-organisms; E 1702; *Saccharomyces cerevisiae* NCYC Sc 47 [Cattle for fattening]
- Micro-organisms; E 1702; *Saccharomyces cerevisiae* NCYC Sc 47 [Dairy cows]
- Micro-organisms; E 1702; *Saccharomyces cerevisiae* NCYC Sc 47 [Piglets (Weaned)]
- Micro-organisms; E 1702; *Saccharomyces cerevisiae* NCYC Sc 47 [Sows]
- Micro-organisms; E 1706; *Enterococcus faecium* DSM 7134, *Lactobacillus rhamnosus* DSM 7133 [Calves]
- Micro-organisms; E 1715; *Lactobacillus acidophilus* D2/CSL CECT 4529 [Laying hens]

Following the provisions of Art. 10 § 7 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; k; 2 - Microorganisms; *Lactobacillus buchneri* KKP. 907
- 1; k; 2 - Microorganisms; *Lactobacillus plantarum* C KKP/788/p

- 1; k; 2 - Microorganisms; *Lactobacillus plantarum* DSM 11520
- 1; k; 2 - Microorganisms; *Lactobacillus plantarum* KKP/593/p
- 1; k; 2 - Microorganisms; *Lactobacillus plantarum* PL14D/CSL

**101<sup>st</sup> Edition:** published on 12 November 2010

**Information:**

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; a; Preservatives; E 237; Sodium formate
- 1; a; Preservatives; E 238; Calcium formate
- 1; a; Preservatives; E 295; Ammonium formate
- 1; a; Preservatives; E 338; Orthophosphoric acid
- 1; Binders, anti-caking agents and coagulants; E 551c; Kieselgur (diatomaceous earth, purified)
- 1; Binders, anti-caking agents and coagulants; E 552; Calcium silicate, synthetic
- 1; Binders, anti-caking agents and coagulants; E 559; Kaolinitic clays, free of asbestos
- 1; Binders, anti-caking agents and coagulants; E 562; Sepiolite
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 401; Sodium alginate [Fish; Pets and other non food producing animals (non-food fur animals)]
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 493; Sorbitan monolaurate
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 463; Hydroxypropylcellulose
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 487; Polyethyleneglycol ester of fatty acids from soya oil [Calves]
- 1; j; Acidity regulators; E 510; Ammonium chloride [Cats; Dogs]
- 2; a (iii); Other colourants; E 160b; Bixin [Ornamental fish]
- 2; a; Carotenoids and xanthophylls; E 160c; Capsanthin [Poultry]
- 2; a; Carotenoids and xanthophylls; E 161b; Lutein [Poultry]
- 2; a; Other colourants; *Relevant E number*; Brilliant Blue FCF E 133; Vegetal Carbon E 153; Iron Oxide Red, Black & Yellow E 172, Chlorophyllin Copper Complex E 141; Caramel colours E150b, E150c and E150d as colouring agents authorised for colouring foodstuffs by Community rules, other than Patent blue V, Acid brilliant green BS, and Canthaxanthin [All species or categories of animals with the exception of dogs and cats; Dogs; Cats]
- 2; b; *Allium cepa* L.: Onion absolute CoE 24 / Onion concentrate CoE 24 / Onion oleoresin CoE 24 / Onion extract CoE 24 / Onion oil CAS 8002-72-0 FEMA 2817 CoE 24 EINECS 232-498-2 / Onion tincture CoE 24
- 2; b; *Allium sativum* L.: Garlic oleoresin CAS 8000-78-0 CoE 26 EINECS 232-371-1 / Garlic oil CAS 8000-78-0 FEMA 2503 CoE 26 EINECS 232-371-1 / Garlic tincture CoE 26
- 2; b; *Anthemis nobilis* L.: Chamomile flower tincture CoE 48
- 2; b; *Artemisia absinthium* L.: Wormwood oil CAS 8008-93-3 FEMA 3116 CoE 61 EINECS
- 2; b; *Artemisia annua* L.: Annual mugwort extract / Annual mugwort oil
- 2; b; *Artemisia cina* Berg. : Artemisia wormseeds tincture CoE 63
- 2; b; *Artemisia dracunculus* L.: Tarragon oil CAS 8016-88-4 FEMA 3043 CoE 64 EINECS 290-356-5
- 2; b; *Artemisia pallens* Wall.: Davana oil CAS 8016-03-3 FEMA 2359 CoE 69 EINECS 295-155-6
- 2; b; *Artemisia vulgaris* L.: Armoise / Mugwort oil CAS 8008-93-3 CoE 72 EINECS 284-503-2
- 2; b; *Boswellia serrata* Roxb. Ex Colebr.: Olibanum extract [Cats and dogs]
- 2; b; *Carlina acaulis* L.: Carlina thistle tincture
- 2; b; *Chamomilla recutita* (L.) Rauschert.: Chamomile flower oil CAS 8022-66-2 FEMA 2273 CoE 273 EINECS 282-006-5

- 2; b; *Cynara scolymus* L.: Artichoke extract CoE 565 / Artichoke tincture CoE 565
- 2; b; *Echinacea angustifolia* DC.: Blacksamson echinacea tincture
- 2; b; *Echinacea purpurea* (L.) Moench.: Echinacea tincture
- 2; b; *Inula helenium* L.: Elecampane root tincture CoE 240
- 2; b; *Plantago ovata* L.: Fleawort absolute [Cats and dogs]
- 2; b; *Silybum marianum* (L.) Gaertn. = *Carduus marianus* L. : Milk thistle extract CoE 551 / Milk thistle tincture CoE 551
- 2; b; *Solidago virgaurea* L.: Goldenrot tincture
- 2; b; *Stevia rebaudiana* (Bertoni) Hemsl.: Stevia extract CoE 552
- 2; b; *Tagetes erecta* L., *T. glandulifera* Schrank., *T. minuta* L. e.a. : Tagetes oil CAS 8016-
- 2; b; *Tanacetum vulgare* L.: Tansy tincture CoE 446
- 2; b; *Taraxacum officinale* Wiggers: Dandelion root solid extract CAS 68990-74-9 FEMA 2358 CoE 447 EINECS 273-624-6 / Dandelion leaves solid extract CoE 447 / Dandelion fluid extract CAS 68990-74-9 FEMA 2357 CoE 447 EINECS 273-624-6
- 2; b; *Vanilla planifolia* G.Jacks. = *V. fragrans* Salisb.: Vanilla extract CAS 8024-06-4 FEMA 3105 CoE 474 EINECS 283-521-8 / Vanilla tincture CoE 474
- 2; b; *Yucca mohavensis* Sarg. = *Y. schidigera* Roezl ex Ortgies: Mojave yucca extract CAS 90147-57-2 FEMA 3121 EINECS 290-449-0 / Mojave yucca tincture 284-503-2 / Wormwood tincture CoE 61 84-0 FEMA 3040 CoE 443/494 EINECS 294-862-7
- 5; Coccidiostats and other medicinal substances; E 764; Halofuginone [Chickens for fattening; turkeys for fattening]
- Micro-organisms; E 1705; *Enterococcus faecium* NCIMB 10415 [Calves]
- Micro-organisms; E 1705; *Enterococcus faecium* NCIMB 10415 [Piglets]
- Micro-organisms; E 1705; *Enterococcus faecium* NCIMB 10415 [Sows]
- Micro-organisms; E 1707; *Enterococcus faecium* DSM 10663/NCIMB 10415 [Dogs]
- Micro-organisms; E 1713; *Enterococcus faecium* CECT 4515 [Piglets (Weaned)]

Following the provisions of Art. 10 § 7 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; k; 2 - Microorganisms; *Enterococcus faecium* CNCM I-3236 / ATCC 19434
- 1; k; 2 - Microorganisms; *Lactobacillus buchneri* NCIMB 30139
- 1; k; 2 - Microorganisms; *Lactobacillus plantarum* Aber F1 NCIMB 41028
- 1; k; 2 - Microorganisms; *Lactobacillus plantarum* L54 NCIMB 30148
- 1; k; 2 - Microorganisms; *Pediococcus pentosaceus* NCIMB 30089
- 1; k; 2 - Microorganisms; *Propionibacterium acidipropionici* CNCM MA 26/4U
- 1; k; 3- Substances; E 250 Sodium nitrite
- 1; k; 3- Substances; Hexamethylene tetramine [Bovines; Ovines; Pigs; Poultry; Rabbits; Horses; Goats]
- 1; k; 3- Substances; Sodium benzoate
- 1; k; 1 - Enzymes; Alpha-amylase EC 3.2.1.1 from *Aspergillus oryzae*
- 1; k; 1 - Enzymes; Alpha-amylase EC 3.2.1.1 from *Bacillus amyloliquefaciens*
- 1; k; 1 - Enzymes; Alpha-amylase EC 3.2.1.1 from *Bacillus subtilis*
- 1; k; 1 - Enzymes; Cellulase EC 3.2.1.4 from *Aspergillus niger*
- 1; k; 1 - Enzymes; Cellulase EC 3.2.1.4 from *Trichoderma longibrachiatum*
- 1; k; 1 - Enzymes; Beta-glucanase EC 3.2.1.6 from *Aspergillus niger*
- 1; k; 1 - Enzymes; Xylanase EC 3.2.1.8 from *Trichoderma longibrachiatum*

## 100<sup>th</sup> edition: published on 8 November 2010

### Additions:

- 4; a; Digestibility enhancers; 4a6; 6-Phytase / EC 3.1.3.26 produced by *Aspergillus oryzae* (DSM 17594) (holder of authorisation DSM Nutritional Products Ltd., represented by DSM Nutritional Products Sp. Z.o.o.) [Sows]; Reg (EU) No 999/2010 of 5 November 2010 in OJ L 290, 06.11.2010, p. 24
- 4; b; Gut flora stabilisers; 4b1841; *Enterococcus faecium* DSM 7134 (holder of the authorisation Lactosan GmbH & Co KG) [Chickens for fattening]; Reg. (EU) No 998/2010 of 5 November 2010 in OJ L 290, 06.11.2010, p. 22

### Information:

After the edition 100, the appendix 3 will be split. The list of modifications for versions 0 to 50 will be in separate file.

From November 9, 2010, the new version (0.43) of the PDF form of Annex 1 will be available on the page [http://ec.europa.eu/food/food/animalnutrition/feedadditives/guidelines\\_en.htm](http://ec.europa.eu/food/food/animalnutrition/feedadditives/guidelines_en.htm)

Make sure to refresh the page to download the latest version.

Please note that the checkbox for "*Authorisation of an existing product (Article 10(2) or 10(7) of Regulation (EC) No 1831/2003*" is no longer available, the deadline for submitting the dossier under Article 10(2) or 10(7) has been reached.

The use of PDF forms version 0.33 and 0.40 is no longer allowed for article 10 and not recommended.

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; a; Preservatives; E 240; Formaldehyde [Pigs] N.B. See 1k Silage only for All species or categories of Animals
- 1; a; Preservatives; E 250; Sodium nitrite [Dogs; Cats]
- 1; a; Preservatives; E 280; Propionic acid
- 1; a; Preservatives; E 281; Sodium propionate
- 1; a; Preservatives; E 282; Calcium propionate
- 1; a; Preservatives; E 284; Ammonium propionate
- 1; a; Preservatives; E 330; Citric acid
- 1; Binders, anti-caking agents and coagulants; E 558; Bentonite-montmorillonite
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 462; Ethylcellulose
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 460; Microcrystalline cellulose
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 466; Carboxymethylcellulose (Sodium salt of carboxymethyl ether of cellulose)
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 411; Tamarind seed flour
- 2; a (iii); Other colourants; E 102; Tartrazine [Grain-eating ornamental birds; Small rodents; Ornamental fish]
- 2; a (iii); Other colourants; E 124; Ponceau 4 R [Ornamental fish]
- 2; a; Carotenoids and xanthophylls; E 160f; Ethyl ester of beta-apo-8'-carotenoic acid [Poultry]
- 2; a; Other colourants; *Relevant E number*; Caramel colours E150b, E150c and E150d as colouring agents authorised for colouring foodstuffs by Community rules, other than Patent blue V, Acid brilliant green BS, and Canthaxanthin [All species or categories of animals with the exception of dogs and cats; Dogs; Cats]
- 3; a; Chemically well defined substances having a similar biological effect to vitamins; **Betaine** / Betaine anhydrous
- 3; a; Chemically well defined substances having a similar biological effect to vitamins; **Inositol**
- 3; a; Chemically well defined substances having a similar biological effect to vitamins; **Omega-6 Essential Unsaturated Fatty acids** (as octadecadienoic acid)
- 3; a; Vitamins and provitamins; E 672; **Vitamin A** [Chickens for fattening ; Ducks for fattening; Turkeys for fattening ; Lambs for fattening ; Pigs for fattening; Bovines for fattening ; Calves for fattening ; Others species or categories of animals]
- 3; a; Vitamins and provitamins; **Vitamin B12** / Cyanocobalamin
- 3; b; Trace elements; E 3; **Cobalt - Co**, Basic cobaltous carbonate, monohydrate
- 3; b; Trace elements; E 3; **Cobalt - Co**, Cobaltous acetate, tetrahydrate

- 3; b; Trace elements; E 3; **Cobalt - Co**, Cobaltous sulphate, heptahydrate
- 3; b; Trace elements; E 7; **Molybdenum - Mo**, Sodium molybdate
- 3; c; Amino acids, their salts and analogues; 3.1.3.; Methionine / Methionine-zinc, technically pure
- CAS No. 85-32-5 / Disodium guanosine 5'-monophosphate (GMP) / Flavis No.

Following the provisions of Art. 10 § 7 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; k; 2 - Microorganisms; *Lactobacillus casei* ATCC 7469
- 1; k; 2 - Microorganisms; *Lactobacillus cellobiosus* Q1
- 1; k; 2 - Microorganisms; *Lactobacillus collinoides* DSMZ 16680
- 1; k; 2 - Microorganisms; *Lactobacillus paracasei* 30151
- 1; k; 2 - Microorganisms; *Lactobacillus paracasei* NCIMB 30151
- 1; k; 2 - Microorganisms; *Lactobacillus plantarum* 16627
- 1; k; 2 - Microorganisms; *Lactobacillus plantarum* NCIMB 40027
- 1; k; 2 - Microorganisms; *Lactococcus lactis lactis* 30044
- 1; k; 2 - Microorganisms; *Lactococcus lactis lactis* NCIMB 30044
- 1; k; 2 - Microorganisms; *Pediococcus acidilactici* 30005
- 1; k; 2 - Microorganisms; *Pediococcus pentosaceus* NCIMB 30068
- 1; k; 2 - Microorganisms; *Saccharomyces cerevisiae* IFO 0203
- 1; k; 3- Substances; E 240; Formaldehyde

99<sup>th</sup> edition: published on 4 November 2010

#### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; a; Preservatives; E 200; Sorbic acid
- 1; b; E 321; Butylated hydroxytoluene (BHT) [All species or categories of animals except dogs; Dogs]
- 1; Binders, anti-caking agents and coagulants; E 551a; Silicic acid, precipitated and dried
- 1; Binders, anti-caking agents and coagulants; E 551b; Colloidal silica
- 1; Binders, anti-caking agents and coagulants; E 563; Sepiolitic clay
- 1; Binders, anti-caking agents and coagulants; E 567; Clinoptilolite of volcanic origin [Pigs, Rabbit; Poultry]
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 407; Carrageenan [Pets and other non food producing animals (non-food fur animals)]
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 415; Xanthan gum
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 406; Agar [Pets and other non food producing animals (non-food fur animals)]
- 1; h; Radioactive caesium binders (137Cs and 134Cs); 1.1; Ferric (III) ammonium hexacyanoferrate (II) [Ruminants (domestic and wild); Calves prior to the state of rumination; Lambs prior to the state of rumination; Kids prior to the state of rumination; Pigs (domestic and wild)]
- 2; a (iii); Other colourants; E 172; Iron oxide, red [Ornamental fish]
- 2; b; *Andrographis paniculata* Nees: King of bitter extract; CoE 37
- 2; b; *Bacopa monnieri* (L.) Pennell: Thyme leaved gratiola tincture
- 2; b; *Bambusa* sp, tincture
- 2; b; *Cymbopogon nardus* (L.) W. Wats.: Citronella oil CAS 8000-29-1; FEMA 2308; CoE 39; EINECS 289-753-6
- 2; b; *Eucalyptus globulus* Labill.: Eucalyptus oil CAS 8000-48-4; FEMA 2466; CoE 185; EINECS 283-406-2 / Eucalyptus tincture; CoE 185

- 2; b; *Eugenia caryophyllus* (C. Sprengn.) Bull. = *Caryophyllus aromaticum* L.: Clove leaf oil CAS 8000-34-8; FEMA 2325; CoE 188; EINECS 284-638-7 / Clove stem oil CAS 8000-34-8; FEMA 2328; CoE 188
- 2; b; *Harpagophytum procumbens* DC.: Devil's claw / grapple extract / Devil's claw / grapple tincture
- 2; b; *Lavandula angustifolia* Mill., *L. angustifolia* x *L. latifolia*: Lavender oil CAS 8000-28-0; FEMA 2622; CoE 257; EINECS 289-995-2 / Lavender tincture; CoE 257
- 2; b; *Lavandula latifolia* Medik.: Spike lavender oil; CoE 256
- 2; b; *Leptospermum scoparium* J. R. et G. Forst.: Broom teatree oil
- 2; b; *Lythrum salicaria* L.: Purple loosestrife tincture
- 2; b; *Melaleuca alternifolia* Cheel.: Tea tree oil CAS 68647-73-4; FEMA 3902; CoE 275; EINECS 285-377-1
- 2; b; *Melaleuca cajuputi* Powell = *M. leucadendron* L.: Melaleuca cajuputi oil; CoE 276
- 2; b; *Melaleuca viridiflora* Soland ex Gaertn.: Niaouli oil
- 2; b; *Melissa officinalis* L.: Balm leaves oil CAS 8014-71-9 FEMA 2113 CoE 280 EINECS 282-007-0 / Melissa balm tincture CoE 280
- 2; b; *Melissa officinalis* L.: Melissa oil; CoE 280 / Balm leaves extract CAS 84082-61-1; FEMA 2112; CoE 280; EINECS 282-007-0
- 2; b; *Mentha arvensis* L.: Mentha arvensis oil CAS 68917-18-0; CoE 492; EINECS 290-058-5 / Cornmint
- 2; b; *Mentha pulegium* L.: Pennyroyal oil CAS 8013-99-8; FEMA 2839; CoE 283; EINECS 290-061-1
- 2; b; *Mentha spicata* L.: Spearmint oil native CAS 8008- 79-5; FEMA 3032; CoE 285; EINECS 283-656-2 / Spearmint oil terpeneless CAS 8008-79-5; CoE 285; EINECS 283-656-2
- 2; b; *Mentha x piperita* L. = *M. aquatica* x *M. spicata* L.: Peppermint oil CAS 8006-90-4; FEMA 2848; CoE 282; EINECS 308-770-2 / Peppermint tincture; CoE 282
- 2; b; *Ocimum basilicum* L.: Basil oil CAS 8015-73-4; FEMA 2119; CoE 308; EINECS 283-900-8 / Basil tincture; CoE 308
- 2; b; *Olea europaea* L.: Olive extract
- 2; b; *Origanum heracleoticum* L.: Greek oregano extract / oleoresin / Greek oregano oil
- 2; b; *Origanum majorana* L. = *Majorana hortensis* Moench.: Marjoram oil sweet CAS 8015-01-8; FEMA 2663; CoE 316; EINECS 282-004-4
- 2; b; *Origanum vulgare* L., *Lippia* ssp.: Oregano oil; CoE 317 / Oregano tincture; CoE 317
- 2; b; *Pelargonium asperum* Her. Ex Spreng.: Geranium oil
- 2; b; *Pelargonium graveolens* L'Herit. Ex Ait. : Geranium rose oil CAS 8000-46-2; FEMA 2508; CoE 324; EINECS 290-140-0
- 2; b; *Pimenta dioica* L. Merr. = *P. officinalis* Lind L.: Allspice oil CAS 8006-77-7; FEMA 2018; CoE 335; EINECS 284-540-4
- 2; b; *Pimenta racemosa* (Mill.) J.W.Moore : Bay oil CAS 8006-78-8; CoE 334
- 2; b; *Pogostemon cablin* (Blanco) Benth.: Patchouli oil CAS 8014-09- 3; FEMA 2838; CoE 353; EINECS 282-493-4
- 2; b; *Punica granatum* L.: Pomegranate bark extract CAS 84961-57-9; FEMA 2918; CoE 38
- 2; b; *Rosmarinus officinalis* L.: Rosemary oil CAS 8000-25-7; FEMA 2992; CoE 406; EINECS 283-291-9 / Rosemary oleoresin / Rosemary extract CAS 84604-14- 8; CoE 406; EINECS 283-291-9 / Rosemary tincture; CoE 406
- 2; b; *Salvia lavandulifolia* Vahl: Spanish sage oil CAS 8016- 65-7; FEMA 3003; CoE 413
- 2; b; *Salvia officinalis* L.: Sage oil CAS 8022-56-6; FEMA 3001; CoE 414; EINECS 283-291-0 / Sage tincture; CoE 414
- 2; b; *Salvia sclarea* L.: Clary sage oil CAS 8016-63-5; FEMA 2321; CoE 415; EINECS 283-911-8
- 2; b; *Satureja hortensis* L.: Savory summer oil CAS 8016-68-0; FEMA 3013; CoE 425; EINECS 283-922-8 / Savory summer tincture; CoE 425
- 2; b; *Tabebuia impetiginosa* (Mart. Ex DC.) Toledo: Pau d'arco tincture
- 2; b; *Thymus capitatus* Hoffm. & Link. = *Coridothymus capitatus* L.: Thymus, Origanum oil CAS 8007-11-2; FEMA 2828; CoE 454; EINECS 290-371-1

- 2; b; *Thymus mastichina* L.: Spanish marjoram oil CAS 8016-33-9; EINECS 284-294-8
- 2; b; *Thymus serpyllum* L.: Wild thyme tincture; CoE 455
- 2; b; *Thymus vulgaris* L., *T. zygis* L.: Thyme oil CAS 8007- 46-3; FEMA 3064; CoE 456/457; EINECS 284-535-7 / oleoresin CAS 8007-46-3; CoE 456/457; EINECS 284-535-7 / Thyme oleoresin red CAS 8007- 46-3; CoE 456/457; EINECS 284- 535-7 / Thyme oleoresin grey; CoE / Thyme extract / Thyme tincture; CoE 456/457
- 2; b; *Vetiveria zizanioides* (L.) Nash.: Vetiver oil CAS 8016-96-4; CoE 479; EINECS 282-490-8
- 2; b; *Vitex agnus-castus* L.: Lilac chastetree tincture
- 3; a; Chemically well defined substances having a similar biological effect to vitamins; **Carnitine** / L-Carnitine- L-Tartrate (LCLT)
- 3; a; Chemically well defined substances having a similar biological effect to vitamins; **Carnitine** / L-Carnitine
- 3; a; Vitamins and provitamins; **Folic acid**
- 3; a; Vitamins and provitamins; **Vitamin B2** / Riboflavin-5'-phosphate ester monosodium salt
- 3; b; Trace elements; E 1; **Iron - Fe**, Ferric oxide
- 3; c; Amino acids, their salts and analogues; 3.2.4.; Lysine / Concentrated liquid L-lysine monohydrochloride
- Enzymes; E 1606; Preparation of endo-1,4-beta-xylanase produced by *Bacillus subtilis* (LMG-S15136) [Pigs for Fattening; Turkeys for fattening]
- Enzymes; E 1606; Preparation of endo-1,4-beta-xylanase produced by *Bacillus subtilis* (LMG-S15136) [Laying hens]
- Enzymes; E 1606; Preparation of endo-1,4-beta-xylanase produced by *Bacillus subtilis* (LMG-S15136) [Chickens for fattening]
- Enzymes; E 1606; Preparation of endo-1,4-beta-xylanase produced by *Bacillus subtilis* (LMG-S15136) [Piglets (Weaned)]
- Enzymes; E 1634; Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Aspergillus niger* (MUCL 39199) [Chickens for fattening]
- Enzymes; E 1636; Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma reesei* (CBS 526.94 / EC 3.2.1.6) [Chickens for fattening]
- Enzymes; E 1636; Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma reesei* (CBS 526.94 / EC 3.2.1.6) [Piglets (weaned)]
- Enzymes; E 1641; Endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (MUCL 39203) / EC 3.2.1.8 [Chickens for fattening]

Following the provisions of Art. 10 § 7 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; k; 2 - Microorganisms; *Bacillus subtilis* MBS-BS-01
- 1; k; 2 - Microorganisms; *Lactococcus lactis* CCM 4754, NCIMB 30117
- 1; k; 2 - Microorganisms; *Lactococcus lactis* SR 3.54 NCIMB 30117

98<sup>th</sup> edition: published on 29 October 2010

#### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; a; Preservatives; 237a; Potassium diformate
- 1; a; Preservatives; E 260; Acetic acid
- 1; a; Preservatives; E 262; Sodium diacetate
- 1; a; Preservatives; E 263; Calcium acetate
- 1; a; Preservatives; E 332; Potassium citrates [Cats and dogs]
- 1; b; E 300; L-Ascorbic acid
- 1; b; E 301; Sodium L-ascorbate

- 1; b; E 302; Calcium L-ascorbate
- 1; b; E 304; 6-Palmityl-L-ascorbic acid
- 1; Binders, anti-caking agents and coagulants; E 568; Clinoptilolite of sedimentary origin [Pigs for fattening; Chickens for fattening; Turkeys for fattening; Bovine; Salmon]
- 1; j; Acidity regulators; E 503(ii); Ammonium hydrogen carbonate [Cats; Dogs]
- 2; a; Carotenoids and xanthophylls; E 161i; Citranaxanthin [Laying hens]
- 2; b; *Anethum graveolens* L.: Dill herb oil CAS 8006-75-5 FEMA 2383 CoE 42 EINECS 289-790-8 / Dill tincture CoE 42 / Dill seed extract CAS 8006-75-5 CoE 42 EINECS 289-790-8
- 2; b; *Anethum graveolens* L.: Dill herb oil CAS 8006-75-5 FEMA 2383 CoE 42 EINECS 289-790-8 / Dill tincture CoE 42 / Dill seed extract CAS 8006-75-5 CoE 42 EINECS 289-790-8
- 2; b; *Angelica sinensis* (Oliv.) Diels: Dong quai tincture
- 2; b; *Apium graveolens* L.: Celery seed oil CAS 8015-90-5 FEMA 2271 CoE 52 EINECS 289-668-4 / Celery seed extract CAS 89997-35-3 FEMA 2270 CoE 52 EINECS 289-668-4 / Celery tincture CoE 52
- 2; b; Artificial substances; E 954(iii); Sodium saccharin [Piglets]
- 2; b; Artificial substances; E 959; Neohesperidine dihydrochalcone [Piglets; Dogs; Calves; Ovines]
- 2; b; *Astragalus membranaceus* L. = *A. pycnocladus* Boiss. et Haussk. Ex Boiss.: Astragalus tincture
- 2; b; *Betula pendula* Roth = *B. alba* L.: Birch tincture CoE 88
- 2; b; *Bupleurum rotundifolium* L.: Hare's ear tincture
- 2; b; *Cananga odorata* (Lam.) Hook. Et Thoms.: Ylang-ylang absolute CAS 8006-81-3 CoE 103 EINECS 297-681-1 / Ylang-ylang oil CAS 8006-81-3 FEMA 3119 CoE 103 EINECS 297-681-1
- 2; b; *Carum carvi* L. = *Apium carvi* L.: Caraway seed extract /oleoresin CAS 8000-42-8 CoE 112 EINECS 288-921-6 / Caraway seed oil CAS 8000-42-8 FEMA 2238 CoE 112 EINECS 288-921-6
- 2; b; *Cinnamomum aromaticum* Nees, C. cassia Nees ex Blume: Cassia bark extract CAS 84961-46-6 FEMA 2257 CoE 131 EINECS 284-635-0 / Cassia concrete CoE 131 / Cassia oleoresin CAS 84961-46-6 CoE 131 EINECS 284-635-0 / Cassia oil CAS 8007-80-5 FEMA 2258 CoE 131 EINECS 284-635-0 / Cassia leaf oil CAS 8015-91-6 FEMA 2292 CoE 131 EINECS 284-635-0 / Cassia tincture CoE 131
- 2; b; *Cinnamomum camphora* L.: Camphor absolute CoE 130 / Camphor oil white CAS 8008-51-3 FEMA 2231 CoE 130 EINECS 294-760-2 / Camphor oil brown CAS 8008-51-3 CoE 130 EINECS 294-760-2 / Camphor oil yellow CAS 8008-51-3 CoE 130 EINECS 294-760-2 / Camphor tincture CoE 130
- 2; b; *Cinnamomum zeylanicum* Bl., C. verum J.S. Presl: Cinnamom CAS 84961-46-6 FEMA 2289 CoE 133 EINECS 284-635-0 / Cinnamom bark extract CAS 84961-46-6 FEMA 2290 CoE 133 / Cinnamom bark oleoresin CAS 84961-46-6 FEMA 2290 CoE 133 EINECS 283-479-0 / Cinnamom bark oil CAS 8015-91-6 FEMA 2291 CoE 133 EINECS 283-479-0 / Cinnamom leaf oil CAS 8015-91-6 FEMA 2292 CoE 133 EINECS 284-635-0 / Cinnamom tincture CoE 133
- 2; b; *Coriandrum sativum* L.: Coriander oil CAS 8008-52-4 FEMA 2334 CoE 154 EINECS 283-880-0
- 2; b; *Cuminum cyminum* L.: Cumin oil CAS 8014-13-9 FEMA 2340 CoE 161 EINECS 283-881-6
- 2; b; *Curcuma longa* L.: Turmeric extract CAS 8024-37-1 FEMA 3086 CoE 163 EINECS 283-882-1 / Turmeric oleoresin CAS 84775-52-0 FEMA 3087 CoE 163 EINECS 283-882-1 / Turmeric oil CAS 8024-37-1 FEMA 3085 CoE 163 EINECS 283-882-1 / Turmeric tincture CoE 163
- 2; b; *Cytisus scoparius* (L.) Link: Common broom tincture CoE 170
- 2; b; *Eleutherococcus senticosus* Rupr. Et Maxim. = *Acanthopanax s.* Harms: Taiga root extract / Taiga root tincture
- 2; b; *Elletaria cardamomum* (L.) Maton: Cardamom oil; CAS 85940-32-5; FEMA 2240; CoE 180; EINECS 288-922-1
- 2; b; *Ferula assa-foetida* L., extract
- 2; b; *Foeniculum vulgare* Mill.: Fennel oil bitter CAS 8006-84-6 CoE 201 EINECS 283-414-6 / Fennel oil sweet CAS 8006-84-6 FEMA 2483 CoE 200 EINECS 282-892-3 / Fennel tincture CoE 200/201
- 2; b; *Glycyrrhiza glabra* L.: Licorice extract CAS 97676-23-8 FEMA 2628 CoE 218 EINECS 272-837-1 / Licorice tincture CoE 218
- 2; b; *Hedera helix* L.: Common ivy extract

- 2; b; *Illicium verum* Hook, *Anisum stellatum*: Anise star oil terpenless CAS 8007-70-3 CoE 238 EINECS 283-518-1 / Anise star tincture CoE 238 / Anise star terpenes CoE 238
- 2; b; *Laurus nobilis* L.: Laurel leaves extract / oleoresin CAS 84603-73-6 FEMA 2613 CoE 255 EINECS 283-272-5 / Laurel leaves oil CAS 8002-41-3 CoE 255 EINECS 283-272-5 / Laurel tincture CoE 255
- 2; b; *Litsea cubeba* Pers.: Litsea berry absolute CoE 491 / Litsea cubeba berry oil CAS 68855-99-2 FEMA 3846 CoE 491 EINECS 290-018-7 / Litsea berry extract CoE 491
- 2; b; *Medicago sativa* L.: Alfalfa tincture CoE 274
- 2; b; *Myristica fragrans* Houtt.: Nutmeg extract CAS 84082-68-8 CoE 296 EINECS 282-013-3 / Nutmeg oleoresin CAS 84082-68-8 CoE 296 EINECS 282-013-3 / Mace oleoresin / extract CAS 8007-12-3 FEMA 2654 CoE 296 EINECS 282-013-3 / Mace oil CAS 8007-12-3 FEMA 2653 CoE 296 EINECS 282-013-3 / Nutmeg oil CAS 8008-45-5 FEMA 2793 CoE 296 EINECS 282-013-3 / Mace / Nutmeg tincture CoE 296
- 2; b; *Myroxylon balsamum* (L.) Harms var. *pereirae*: Balsam Peru oil CAS 8007-00-9 FEMA 2117 CoE 298 EINECS 232-352-8 / Balsam Peru extract CAS 8007-00-9 CoE 298 EINECS 232-352-8
- 2; b; *Myroxylon balsamum* (L.) Harms: Tolu balsam extract CAS 9000-64-0 FEMA 3069 CoE 297 EINECS 232-550-4
- 2; b; *Opoponax chironium* (L.) Koch, *Commiphora erythrea* Engler: Opoponax oil CAS 8021-36-1 CoE 313 EINECS 232-558-8
- 2; b; *Panax ginseng* C. A. Mey.: Ginseng tincture CoE 318
- 2; b; *Petroselinum sativum* Hoffm. = *P. crispum* Mill. = *P. hortense* L.: Parsley leaf oil CAS 8000-68-6 FEMA 2836 CoE 326 EINECS 281-677-1 / Parsley seed oil CAS 8000-68-6 CoE 326 EINECS 281-677-1 / Parsley tincture CoE 326
- 2; b; *Peumus boldus* Mol.: Boldo absolute CoE 328 / Boldo extract CoE 328 / Boldo oil CoE 328 / Boldo tincture CoE 328
- 2; b; *Pimpinella anisum* L.: Anise oil CAS 84775-42-8 FEMA 2094 CoE 336 EINECS 283-872-7 / Anise tincture CoE 336
- 2; b; *Pinus* spp., e.g. *P. sylvestris* L.: Pine tincture CoE 340
- 2; b; *Piper methysticum* G. Forst.: Kawa-kawa absolute / Kawa-kawa extract / Kawa-kawa oil / Kawa-kawa tincture
- 2; b; *Piper nigrum* L.: Pepper absolute black CAS 8006-82-4 CoE 347 EINECS 284-524-7 / Pepper oil black CAS 8006-82-4 FEMA 2845 CoE 347 EINECS 284-524-7 / Pepper oil white CAS 8006-82-4 FEMA 2851 CoE 347 EINECS 284-524-7 / Pepper oleoresin / extract black CAS 84929-41-9 FEMA 2846 CoE 347 EINECS 284-524-7 / Pepper oleoresin white CAS 84929-41-9 FEMA 2852 CoE 347 EINECS 284-524-7 / Pepper tincture CoE 347
- 2; b; *Quillaja saponaria* Molina: Quillaia extract CoE 391
- 2; b; *Sambucus canadensis* L., *S. nigra* L.: Elder flowers / Elderberry tincture CoE 417
- 2; b; *Schisandra chinensis* (Turcz.) Baill.: Omicha tincture
- 2; b; *Sophora japonica* L.: Pagoda tree oil
- 2; b; *Trachyspermum ammi* (L.) Sprag. Et Turr.: Ajowan oil
- 2; b; *Trigonella foenum-graecum* L.: Fenugreek absolute CAS 84625-40-1 FEMA 2486 CoE 460 EINECS 283-415-1 / Fenugreek extract CAS 84625-40-1 FEMA 2485 CoE 460 EINECS 283-415-1 / Fenugreek oleoresin CAS 84625-40-1 FEMA 2486 CoE 460 EINECS 283-415-1 / Fenugreek tincture CoE 460
- 2; b; *Valeriana officinalis* L.: Valerian root extract CAS 92927-02-1 FEMA 3099 CoE 473 / Valerian root tincture CoE 473
- 2; b; *Viburnum prunifolium* L.: Black snow ball tincture CoE 480
- 2; b; *Zingiber officinale* Rosc.: Ginger extract CAS 84696-15-1 FEMA 2521 CoE 489 EINECS 283-634-2 / Ginger oleoresin CAS 84696-15-1 FEMA 2523 CoE 489 EINECS 283-634-2 / Ginger oil CAS 8007-08-7 FEMA 2522 CoE 489 EINECS 283-634-2 / Ginger tincture CoE 489
- 3; a; Chemically well defined substances having a similar biological effect to vitamins; **Betaine** / Betaine hydrochloride
- 3; a; Chemically well defined substances having a similar biological effect to vitamins; **Taurine**
- 3; a; Vitamins and provitamins; E 300; **Vitamin C** / L-Ascorbic acid
- 3; a; Vitamins and provitamins; E 301; **Vitamin C** / Sodium L-ascorbate
- 3; a; Vitamins and provitamins; E 302; **Vitamin C** / Calcium L-ascorbate

- 3; a; Vitamins and provitamins; E 304; **Vitamin C** / 6-Palmityl-L-ascorbic acid
- 3; a; Vitamins and provitamins; **Vitamin C** / Ascorbyl monophosphate Calcium sodium salt
- 3; b; Trace elements; E 6; **Zinc - Zn**, Zinc acetate, dihydrate
- 3; b; Trace elements; E 6; **Zinc - Zn**, Zinc chloride, monohydrate
- 3; b; Trace elements; E 6; **Zinc - Zn**, Zinc sulphate, heptahydrate
- Enzymes; 53; Preparation of endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase / EC 3.2.1.4 produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase / EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553), bacillolysin / EC 3.4.24.28 produced by *Bacillus amyloliquefaciens* (DSM 9554) and endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma viride* (NIBH FERM BP 4842) [Laying hens]
- Enzymes; E 1603; Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Aspergillus aculeatus* (CBS 589.94) [Chickens for fattening]
- Enzymes; E 1603; Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Aspergillus aculeatus* (CBS 589.94) [Piglets (Weaned)]
- Enzymes; E 1604; Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 / Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Penicillium funiculosum* (IMI SD 101) [Chickens for fattening]
- Enzymes; E 1604; Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 / Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Penicillium funiculosum* (IMI SD 101) [Pigs for fattening]
- Enzymes; E 1604; Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 / Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Penicillium funiculosum* (IMI SD 101) [Laying hens; Turkeys for fattening]
- Enzymes; E 1604; Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 / Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Penicillium funiculosum* (IMI SD 101) [Ducks for fattening; Piglets (weaned)]
- Enzymes; E 1620; Preparation of endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase / EC 3.2.1.4 produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase / EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553), bacillolysin / EC 3.4.24.28 produced by *Bacillus amyloliquefaciens* (DSM 9554) and endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma viride* (NIBH FERM BP 4842) [Turkeys for fattening; piglets (weaned)]
- Enzymes; E 1620; Preparation of endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase / EC 3.2.1.4 produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase / EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553), bacillolysin / EC 3.4.24.28 produced by *Bacillus amyloliquefaciens* (DSM 9554) and endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma viride* (NIBH FERM BP 4842) [Chickens for fattening]
- Enzymes; E 1621; Preparation of endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase / EC 3.2.1.4 produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase / EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553) and endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma viride* (NIBH FERM BP 4842) [Chickens for fattening]
- Enzymes; E 1621; Preparation of endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase / EC 3.2.1.4 produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase / EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553) and endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma viride* (NIBH FERM BP 4842) [Turkeys for fattening]
- Enzymes; E 1621; Preparation of endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase / EC 3.2.1.4 produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase / EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553) and endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma viride* (NIBH FERM BP 4842) [Laying hens]

Following the provisions of Art. 10 § 7 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; k; 3- Substances; Sodium bisulphate

Removal:

*NOTA : The entries grayed in edition 95 are removed.*

97<sup>th</sup> edition: published on 25 October 2010

Information:

A new version (0.40) of the PDF form of Annex 1 is available on the page [http://ec.europa.eu/food/food/animalnutrition/feedadditives/guidelines\\_en.htm](http://ec.europa.eu/food/food/animalnutrition/feedadditives/guidelines_en.htm)

Make sure to refresh the page to download the latest version.

Please note that, after November 8, 2010. The checkbox for "Authorisation of an existing product (Article 10(2) or 10(7) of Regulation (EC) No 1831/2003)" will no longer be available.

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; a; Preservatives; E 215; Sodium ethyl 4-hydroxybenzoate [Cats & Dogs]
- 1; a; Preservatives; E 223; Sodium metabisulphite [Dogs; Cats]
- 1; a; Preservatives; E 331; Sodium citrates [Cats and dogs]
- 1; Binders, anti-caking agents and coagulants; E 560; Natural mixtures of steatites and chlorite
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 499; Cassia gum [Dogs; Cats]
- 3; a; Vitamins and provitamins; E 671; Vitamin D / Vitamin D3 [Pigs; Piglets; Bovines; Ovines; Calves; Equines; Chickens for fattening; Turkeys; Other poultry; Fish; Other species or categories of animals]
- 3; b; Trace elements; E 6; Zinc - Zn, Zinc sulphate, monohydrate
- Enzymes; E 1628; Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma longibrachiatum* (ATCC 2105) [Pigs for fattening]
- Enzymes; E 1628; Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma longibrachiatum* (ATCC 2105) [Piglets (Weaned)]

Following the provisions of Art. 10 § 7 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; k; 2 - Microorganisms; *Enterococcus faecium* BIO 34
- 1; k; 2 - Microorganisms; *Enterococcus faecium* CCM 6226
- 1; k; 2 - Microorganisms; *Enterococcus faecium* M74 NCIMB 11181
- 1; k; 2 - Microorganisms; *Enterococcus faecium* NCIMB 10415
- 1; k; 2 - Microorganisms; *Enterococcus faecium* NCIMB 11181
- 1; k; 2 - Microorganisms; *Enterococcus faecium* SF202 DSM 4788 ATCC 53519
- 1; k; 2 - Microorganisms; *Enterococcus faecium* SF301 DSM 4789 ATCC 55593
- 1; k; 2 - Microorganisms; *Lactobacillus brevis* DSM 12835
- 1; k; 2 - Microorganisms; *Lactobacillus paracasei* DSM 16773
- 1; k; 2 - Microorganisms; *Lactobacillus plantarum* DSM 12836
- 1; k; 2 - Microorganisms; *Pediococcus acidilactici* DSM 11673
- 1; k; 2 - Microorganisms; *Pediococcus pentosaceus* DSM 12834

96<sup>th</sup> edition: published on 19 October 2010

Additions:

- CAS No. 7048-04-6 / L-Cysteine HCl monohydrate

### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; a; Preservatives; E 202; Potassium sorbate [All animal species except cats and dogs]
- 1; a; Preservatives; E 270; Lactic acid
- 1; a; Preservatives; E 296; DL-Malic acid
- 1; a; Preservatives; E 297; Fumaric acid
- 1; a; Preservatives; E 327; Calcium lactate
- 1; b; E 320; Butylated hydroxyanisole (BHA) [All species or categories of animals except dogs; Dogs]
- 1; b; E 324; Ethoxyquin [All species or categories of animals except dogs; Dogs]
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 414; Acacia (Gum arabic)
- 1; j; Acidity regulators; 296; DL- and L-Malic acid [Cats; Dogs]
- 1; j; Acidity regulators; E 210; Benzoic acid [pigs for fattening]
- 1; j; Acidity regulators; E 350(i); Sodium malate (Salt of DL- or L-Malic Acid) [Cats; Dogs]
- 3; a; Vitamins and provitamins; **Vitamin B1** / Thiamine hydrochloride
- 3; b; Trace elements; E 2; **Iodine - I**, Calcium iodate, anhydrous
- 3; b; Trace elements; E 2; **Iodine - I**, Potassium iodide
- 3; b; Trace elements; E 8; Selenium - Se, Sodium selenate
- CAS No. 10236-47-2 / Naringin / Flavis No. 16.058
- CAS No. 53850-34-3 / Thaumatin
- CAS No. 7048-04-6 / L-Cysteine HCl monohydrate
- CAS No. 72401-53-7 / Tannic acid / Flavis No. 16.080
- Micro-organisms; E 1703; *Saccharomyces cerevisiae* CNCM I-1079 [Piglets]
- Micro-organisms; E 1703; *Saccharomyces cerevisiae* CNCM I-1079 [Sows]
- Micro-organisms; E 1707; *Enterococcus faecium* DSM 10663/NCIMB 10415 [Calves]
- Micro-organisms; E 1707; *Enterococcus faecium* DSM 10663/NCIMB 10415 [Piglets]
- Micro-organisms; E 1707; *Enterococcus faecium* DSM 10663/NCIMB 10415 [Chickens for fattening]
- Micro-organisms; E 1707; *Enterococcus faecium* DSM 10663/NCIMB 10415 [Turkeys for fattening]
- *Citrus limon* (L.) Burm.: Lemon extract CAS 84929-31-7 FEMA 2623 CoE 139

#### NOTE :

Additive "*Citrus limon* (L.) Burm.: Lemon concentrate CoE 139 / Lemon distillate CoE 139 / Lemon extract CAS 84929-31-7 FEMA 2623 CoE 139 / Lemon peel oleoresin CoE 139 / Lemon oil expressed CAS 84929-31-7 FEMA 2625 CoE 139 EINECS 284-515-8 / Lemon oil distilled CAS 8008-56-8 CoE 139 EINECS 284-515-8 / Lemon oil terpeness CAS 68648-39-5 FEMA 2626 CoE 139 / Lemon essence oil phase CoE 139 / Lemon tincture CoE 139 / Lemon terpenes CAS 68917-33-9 CoE 139 / Citrus peels extract CAS 94266-47-4 FEMA 2318 EINECS 304-454-3 " was split in 2, an application concerning a part of the forms having been received. From this version, the lines will be split whenever needed.

95<sup>th</sup> edition: published on 13 October 2010

#### Additions:

- 4; a; Digestibility enhancers; 4a12; Preparation of 6-phytase (EC 3.1.3.26) produced by *Trichoderma reesei* (CBS 122001) [Turkeys] (holder of authorisation Roal Oy); COMMISSION REGULATION (EU) No 891/2010 of 8 October 2010 in OJ L 266, 09.10.2010, p. 4

#### Information:

In application of COMMISSION REGULATION (EU) No 892/2010 of 8 October 2010 on the status of certain products with regard to feed additives within the scope of Regulation (EC) No 1831/2003 of the European Parliament and of the Council published in OJ L266 of 9.10.2010, p. 6., some products are no longer considered

as feed additives within the scope of Regulation (EC) No 1831/2003. They will be removed from the Register when the Regulations will enter into force, on October 29.

(<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:266:0006:0009:EN:PDF> )

List of the products which are not feed additives within the scope of Regulation (EC) No 1831/2003

- 1.1. Calcium carbonate
- 1.2. Sodium dihydrogen orthophosphate
- 1.3. Disodium hydrogen orthophosphate
- 1.4. Trisodium orthophosphate
- 1.5. Sodium sulphate
- 1.6. Calcium tetrahydrogen diorthophosphate
- 1.7. Calcium hydrogen orthophosphate
- 1.8. Tetrasodium diphosphate
- 1.9. Pentasodium triphosphate
- 1.10. Dicalcium diphosphate
- 1.11. Calcium sulphate, dihydrate
- 1.12. Sodium carbonate
- 1.13. Sodium hydrogen carbonate
- 1.14. Sodium, potassium and calcium salts of edible fatty acids with at least four carbon atoms/stearates
- 1.15. Mono- and diglycerides of fatty acids with at least four carbon atoms
- 1.16. Mono- and diglycerides of edible fatty acids with at least four carbon atoms esterified with the following acids: acetic, lactic, citric, tartaric, mono- and diacetyltartaric
- 1.17. Glycerol
- 1.18. Propane-1,2-diol
- 1.19. Pectins

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; b; E 306; Tocopherol-rich extracts of natural origin
- 1; b; E 307; Synthetic alpha-tocopherol
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 433; Polyoxyethylene (20)-sorbitan monooleate.
- 1; Emulsifying and stabilizing agents, thickeners and gelling agents; E 484; Glyceryl polyethyleneglycol ricinoleate
- CAS No. 104-50-7 / Octano-1,4-lactone / Flavis No. 10.022
- CAS No. 104-61-0 / Nonano-1,4-lactone / Flavis No. 10.001
- CAS No. 104-67-6 / Undecano-1,4-lactone / Flavis No. 10.002
- CAS No. 105-21-5 / Heptano-1,4-lactone / Flavis No. 10.020
- CAS No. 105-53-3 / Diethyl malonate / Flavis No. 09.490
- CAS No. 105-86-2 / Geranyl formate / Flavis No. 09.076
- CAS No. 105-87-3 / Geranyl acetate / Flavis No. 09.011
- CAS No. 105-90-8 / Geranyl propionate / Flavis No. 09.128
- CAS No. 105-91-9 / Neryl propionate / Flavis No. 09.169
- CAS No. 106-02-5 / Pentadecano-1,15-lactone / Flavis No. 10.004
- CAS No. 106-24-1 / Geraniol / Flavis No. 02.012
- CAS No. 106-25-2 / Nerol / Flavis No. 02.058
- CAS No. 106-29-6 / Geranyl butyrate / Flavis No. 09.048

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Reg (EC) No 1831/2003; European Union Register of Feed Additives. Appendixes 3b – 7.2.2012

Register: [http://ec.europa.eu/food/food/animalnutrition/feedadditives/registeradditives\\_en.htm](http://ec.europa.eu/food/food/animalnutrition/feedadditives/registeradditives_en.htm)

European Union legislation on feed additives: [http://ec.europa.eu/food/food/animalnutrition/feedadditives/legisl\\_en.htm](http://ec.europa.eu/food/food/animalnutrition/feedadditives/legisl_en.htm)

- CAS No. 108-29-2 / Pentano-1,4-lactone / Flavis No. 10.013
- CAS No. 110-15-6 / Succinic acid / Flavis No. 08.024
- CAS No. 110-17-8 / Fumaric acid / Flavis No. 08.025
- CAS No. 1128-08-1 / 3-Methyl-2-pentylcyclopent-2-en-1-one / Flavis No. 07.140
- CAS No. 1191-16-9 / Prenyl acetate / Flavis No. 09.692
- CAS No. 1192-62-7 / 2-Acetylfuran / Flavis No. 13.054
- CAS No. 123-25-1 / Diethyl succinate / Flavis No. 09.444
- CAS No. 123-68-2 / Allyl hexanoate / Flavis No. 09.244
- CAS No. 123-76-2 / 4-Oxovaleric acid / Flavis No. 08.023
- CAS No. 124-76-5 / Isoborneol / Flavis No. 02.059
- CAS No. 125-12-2 / Isobornyl acetate / Flavis No. 09.218
- CAS No. 127-41-3 / alpha-Ionone / Flavis No. 07.007
- CAS No. 13678-67-6 / Difurfuryl Sulfide / Flavis No. 13.056
- CAS No. 13678-68-7 / S-Furfuryl acetothioate / Flavis No. 13.033
- CAS No. 138-22-7 / Butyl lactate / Flavis No. 09.434
- CAS No. 13851-11-1 / Fenchyl acetate / Flavis No. 09.269
- CAS No. 141-12-8 / Neryl acetate / Flavis No. 09.213
- CAS No. 141-97-9 / Ethyl acetoacetate / Flavis No. 09.402
- CAS No. 142-19-8 / Allyl heptanoate / Flavis No. 09.097
- CAS No. 1438-91-1 / Methyl furfuryl Sulfide / Flavis No. 13.053
- CAS No. 1490-04-6 / DL-Menthol (racemic) / Flavis No. 02.218
- CAS No. 14901-07-6 / beta-Ionone / Flavis No. 07.008
- CAS No. 1576-95-0 / Pent-2-en-1-ol / Flavis No. 02.050
- CAS No. 1632-73-1 / Fenchyl alcohol / Flavis No. 02.038
- CAS No. 17587-33-6 / Nona-2(trans),6(trans)-dienal / Flavis No. 05.172
- CAS No. 18829-55-5 / Hept-2(trans)-enal / Flavis No. 05.150
- CAS No. 18829-56-6 / trans-2-Nonenal / Flavis No. 05.072
- CAS No. 20279-51-0 / Hexyl lactate / Flavis No. 09.580
- CAS No. 20407-84-5 / Dodec-2(trans)-enal / Flavis No. 05.144
- CAS No. 20777-49-5 / Dihydrocarvyl acetate / Flavis No. 09.216
- CAS No. 2142-94-1 / Neryl formate / Flavis No. 09.212
- CAS No. 2244-16-8 / d-Carvone / Flavis No. 07.146
- CAS No. 2305-05-7 / Dodecano-1,4-lactone / Flavis No. 10.019
- CAS No. 2305-21-7 / Hex-2-en-1-ol / Flavis No. 02.020
- CAS No. 2345-24-6 / Neryl isobutyrate / Flavis No. 09.424
- CAS No. 2345-26-8 / Geranyl isobutyrate / Flavis No. 09.431
- CAS No. 2363-88-4 / 2,4-Decadienal / Flavis No. 05.081
- CAS No. 23696-85-7 / beta-Damascenone / Flavis No. 07.108
- CAS No. 23726-91-2 / tr-1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)but-2-en-1-one / Flavis No. 07.224
- CAS No. 23726-92-3 / beta-Damascone / Flavis No. 07.083
- CAS No. 2463-53-8 / Non-2-enal / Flavis No. 05.171
- CAS No. 2463-77-6 / Undec-2(trans)-enal / Flavis No. 05.184
- CAS No. 24851-98-7 / Methyl 3-oxo-2-pentyl-1-cyclopentylacetate / Flavis No. 09.520

- CAS No. 2497-18-9 / Hex-2(trans)-enyl acetate / Flavis No. 09.394
- CAS No. 25152-84-5 / Deca-2(trans),4(trans)-dienal / Flavis No. 05.140
- CAS No. 2548-87-0 / trans-2-Octenal / Flavis No. 05.190
- CAS No. 2679-87-0 / tr-2, cis-6-Nonadien-1-ol / Flavis No. 02.231
- CAS No. 2721-22-4 / Tetradecano-1,5-lactone / Flavis No. 10.016
- CAS No. 2758-18-1 / 3-Methyl-2-cyclopenten-1-one / Flavis No. 07.112
- CAS No. 28588-74-1 / 2-Methylfuran-3-thiol / Flavis No. 13.055
- CAS No. 28588-75-2 / bis-(2-Methyl-3-furyl) disulfide / Flavis No. 13.016
- CAS No. 29066-34-0 / Menthyl acetate / Flavis No. 09.016
- CAS No. 29606-79-9 / Isopulegone / Flavis No. 07.067
- CAS No. 3025-30-7 / Ethyldeca-2(cis),4(trans)-dienoate / Flavis No. 09.260
- CAS No. 30361-29-6 / tr-2, tr-4-Undecadienal / Flavis No. 05.196
- CAS No. 3142-72-1 / 2-Methyl-2-pentenoic acid / Flavis No. 08.055
- CAS No. 3301-94-8 / Nonano-1,5-lactone / Flavis No. 10.014
- CAS No. 3777-69-3 / 2-Pentylfuran / Flavis No. 13.059
- CAS No. 3913-81-3 / trans-2-Decenal / Flavis No. 05.191
- CAS No. 41453-56-9 / Non-2(cis)-en-1-ol / Flavis No. 02.112
- CAS No. 43052-87-5 / alpha-Damascone / Flavis No. 07.134
- CAS No. 4313-03-5 / 2,4-heptadienal, Hepta-2,4-dienal / Flavis No. 05.084
- CAS No. 4437-20-1 / Difurfuryl sulfide / Flavis No. 13.050
- CAS No. 4437-22-3 / Difurfuryl ether / Flavis No. 13.061
- CAS No. 4602-84-0 / 3,7,11-Trimethyldodeca-2,6,10-trien-1-ol / Flavis No. 02.029
- CAS No. 464-49-3 / (1R)-1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one / Flavis No. 07.215
- CAS No. 4674-50-4 / Nootkatone / Flavis No. 07.089
- CAS No. 4695-62-9 / d-Fenchone / Flavis No. 07.159
- CAS No. 4826-62-4 / 2-Dodecenal / Flavis No. 05.037
- CAS No. 488-10-8 / 3-Methyl-2(pent-2-enyl)cyclopent-2-en-1-one / Flavis No. 07.094
- CAS No. 491-07-6 / d,l-Isomenthone / Flavis No. 07.078
- CAS No. 507-70-0 / Borneol / Flavis No. 02.016
- CAS No. 53398-83-7 / Hex-2-enyl butyrate / Flavis No. 09.396
- CAS No. 5392-40-5 / Citral / Flavis No. 05.020
- CAS No. 539-88-8 / Ethyl 4-oxovalerate / Flavis No. 09.435
- CAS No. 557-48-2 / Nona-2(trans),6(cis)-dienal / Flavis No. 05.058
- CAS No. 57500-00-2 / Methyl furfuryl disulfide / Flavis No. 13.064
- CAS No. 5910-87-2 / tr-2, tr-4-Nonadienal / Flavis No. 05.194
- CAS No. 598-82-3 / Lactic acid / Flavis No. 08.004
- CAS No. 611-13-2 / Methyl 2-furoate / Flavis No. 13.002
- CAS No. 61931-81-5 / Hex-3-enyl lactate / Flavis No. 09.545
- CAS No. 620-02-0 / 5-Methylfurfural / Flavis No. 13.001
- CAS No. 622-45-7 / Cyclohexyl acetate / Flavis No. 09.027
- CAS No. 623-15-4 / 4-(2-Furyl)but-3-en-2-one / Flavis No. 13.044
- CAS No. 623-17-6 / Furfuryl acetate / Flavis No. 13.128
- CAS No. 6485-40-1 / l-Carvone / Flavis No. 07.147

- CAS No. 65505-17-1 / Methyl 2-methyl-3-furyl disulfide / Flavis No. 13.079
- CAS No. 6728-26-3 / Hex-2(trans)-enal / Flavis No. 05.073
- CAS No. 6750-03-4 / Nona-2,4-dienal / Flavis No. 05.071
- CAS No. 695-06-7 / Hexano-1,4-lactone / Flavis No. 10.021
- CAS No. 698-76-0 / Octano-1,5-lactone / Flavis No. 10.015
- CAS No. 705-86-2 / Decano-1,5-lactone / Flavis No. 10.007
- CAS No. 706-14-9 / Decano-1,4-lactone / Flavis No. 10.017
- CAS No. 710-04-3 / Undecano-1,5-lactone / Flavis No. 10.011
- CAS No. 713-95-1 / Dodecano-1,5-lactone / Flavis No. 10.008
- CAS No. 7492-70-8 / Butyl-O-butyryllactate / Flavis No. 09.491
- CAS No. 76-49-3 / Bornyl acetate / Flavis No. 09.017
- CAS No. 7786-44-9 / Nona-2,6-dien-1-ol / Flavis No. 02.049
- CAS No. 78-59-1 / 3,5,5-Trimethylcyclohex-2-en-1-one / Flavis No. 07.126
- CAS No. 78-98-8 / 2-Oxopropanal / Flavis No. 07.001
- CAS No. 79-69-6 / 4-(2,5,6,6-Tetramethyl-2-cyclohexenyl)-3-buten-2-one / Flavis No. 07.011
- CAS No. 80-59-1 / 2-Methylcrotonic acid / Flavis No. 08.064
- CAS No. 89-78-1 / Menthol / Flavis No. 02.015
- CAS No. 89-80-5 / trans-Menthone / Flavis No. 07.176
- CAS No. 96-48-0 / Butyro-1,4-lactone / Flavis No. 10.006
- CAS No. 97-42-7 / Carvyl acetate / Flavis No. 09.215
- CAS No. 97-64-3 / Ethyl lactate / Flavis No. 09.433
- CAS No. 98-00-0 / Furfuryl alcohol / Flavis No. 13.019
- CAS No. 98-01-1 / Furfural / Flavis No. 13.018
- CAS No. 98-02-2 / 2-Furanmethanethiol / Flavis No. 13.026

Following the provisions of Art. 10 § 7 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; k; 2 - Microorganisms; *Pediococcus acidilactici* CNCM I-3237 / ATCC 8042
- 1; k; 2 - Microorganisms; *Pediococcus pentosaceus* MBS-PP-01
- 1; k; 2 - Microorganisms; *Pediococcus pentosaceus* NCIMB 12455
- 1; k; 2 - Microorganisms; *Pediococcus pentosaceus* NCIMB 30168
- 1; k; 2 - Microorganisms; *Pediococcus pentosaceus* NCIMB 30171
- 1; k; 2 - Microorganisms; *Pediococcus acidilactici* CNCM MA 18/5M

Removal:

*NOTA : The entries grayed in edition 94 are removed.*

94<sup>th</sup> edition: published on 8 October 2010

Additions:

- 4b; Gut flora stabilisers; 4b1702; *Saccharomyces cerevisiae* NCYC Sc 47 [Calves for rearing] (holder of the authorisation Société industrielle Lesaffre); Reg. (EU) No 883/2010 of 7 October 2010 in OJ L 265, 08.10.10, p. 1
- 5; Coccidiostats and other medicinal substances; 5 1 763; Lasalocid A sodium 15 g/100g (Avatec 150 G) CAS number: 25999-20-6 [Turkeys] (holder of authorisation Alpharma (Belgium) BVBA); Reg. (EU) No 874/2010 of 5 October 2010 in OJ L 263, 06.10.2010, p. 1

- 5; Coccidiostats and other medicinal substances; 5 1 772; Narasin 80 g/kg - Nicarbazin 80 g/kg (Maxiban G160) [Chickens for fattening] (holder of authorisation Eli Lilly and Company Ltd); Reg. (EU) No 885/2010 of 7 October 2010 in OJ L 265, 08.10.2010, p. 5
- 5; Coccidiostats and other medicinal substances; 5 1 774; Nicarbazin 250 g/kg [Chickens for fattening] CAS number: 330-95-0 (holder of authorisation Phibro Animal Health SA Belgium); Reg. (EU) No 875/2010 of 5 October 2010 in OJ L 263, 06.10.2010, p. 4

#### Corrigendum:

- 5; Coccidiostats and other medicinal substances; 5 1 763; Lasalocid A sodium 15 g/100g (Avatec 150 G) [Turkeys]; Reg. (EU) No 874/2010 of 5 October 2010 in OJ L 263, 06.10.2010, p. 1 / *Corrigendum* in OJ L 264 of 07.10.2010 p. 19

#### Amendment:

- Reg. (EC) No 2430/1999 is *Amended by* Reg. (EU) No 874/2010 of 5 October 2010 in OJ L 263, 06.10.10, p. 1. "In Annex I to Regulation (EC) No 2430/1999, the entry under the registration number of additive E 763, concerning Lasalocid A sodium, is deleted."
- Reg. (EC) No 1464/2004 is *Amended by* Reg. (EU) No 884/2010 in OJ L 265, 08.10.2010, p. 45; Coccidiostats and other medicinal substances; E 765; Narasin 100 g/kg (Monteban - Monteban G 100) [Chickens for fattening];
- Reg. (EC) No 2430/1999 of 16 November 1999 is *Amended by* Reg. (EU) No 885/2010 OJ L 265, 08.10.2010, p. 5; 5; Coccidiostats and other medicinal substances; E 772; Narasin 80 g/kg - Nicarbazin 80 g/kg (Maxiban G160) [Chickens for fattening] " the provisions on that preparation in Regulation (EC) No 2430/1999 should be deleted."
- Reg. (EC) No 554/2008 of 17 June 2008 is *Amended by* REG. (EU) No 879/2010 of 6 October 2010 in OJ L 264, 07.10.2010, p. 7. Additive 4; a; Digestibility enhancers; 4a5; 6-phytase produced by *Pichia pastoris* (DSM 15927) (Quantum Phytase 2500 D; Quantum Phytase 5000 L) [Chickens for fattening; Ducks for fattening; Turkeys for fattening; Laying hens; Piglets (weaned)];

#### Removal:

*NOTA : The entries are grayed and will be removed in the next edition of the Register.*

- 5; Coccidiostats and other medicinal substances; E 763; Lasalocid A sodium 15 g/100g (Avatec 150 G) [Turkeys]. Replaced by 5 1 763; Reg. (EU) No 874/2010 of 5 October 2010 in OJ L 263, 06.10.2010, p. 1
- 5; Coccidiostats and other medicinal substances; E 772; Narasin 80 g/kg - Nicarbazin 80 g/kg (Maxiban G160) [Chickens for fattening]; Reg. (EC) No 2430/1999 of 16 November 1999. Replaced by 5 1 772; Reg. (EU) No 885/2010 of 7 October 2010 in OJ L 265, 08.10.2010, p. 5

#### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; Binders, anti-caking agents and coagulants; E 561; Vermiculite
- 3; b; Trace elements; E 8; **Selenium - Se**, Sodium selenite
- 3; d; Urea and its derivatives; 2.1.1.; Urea, technically pure
- CAS No. 1003-04-9 / 4,5-Dihydrothiophen-3(2H)-one / Flavis No. 15.012
- CAS No. 13623-11-5 / 2,4,5-Trimethylthiazole / Flavis No. 15.019
- CAS No. 137-00-8 / 5-(2-Hydroxyethyl)-4-methylthiazole / Flavis No. 15.014
- CAS No. 15679-12-6 / 2-Ethyl 4-methylthiazole / Flavis No. 15.033
- CAS No. 15679-13-7 / 2-Isopropyl-4-methylthiazole / Flavis No. 15.026
- CAS No. 1759-28-0 / 4-Methyl-5-vinylthiazole / Flavis No. 15.018
- CAS No. 18640-74-9 / 2-Isobutylthiazole / Flavis No. 15.013
- CAS No. 24295-03-2 / 2-Acetylthiazole / Flavis No. 15.020
- CAS No. 2530-10-1 / 3-Acetyl-2,5-dimethylthiophene / Flavis No. 15.024
- CAS No. 53956-04-0 / Glycyrrhizic acid, ammoniated / Flavis No. 16.060

- CAS No. 67-03-8 / Thiamine hydrochloride / Flavis No. 16.027
- CAS No. 74595-94-1 / 4H-1,3,5-Dithiazine, Dihydro-2,4,6-tris(2-methylpropyl)-; 5,6-Dihydro-2,4,6-trans(2-methylpropyl)4H-1,3,5-dithiazine / Flavis No. 15.113
- CAS No. 95-16-9 / Benzothiazole / Flavis No. 15.016
- Micro-organisms; E 1712; *Pediococcus acidilactici* CNCM MA 18/5M [Chickens for fattening]
- Micro-organisms; E 1712; *Pediococcus acidilactici* CNCM MA 18/5M [Pigs for fattening]

Following the provisions of Art. 10 § 7 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; k; 2 - Microorganisms; *Lactobacillus brevis* IFA 92
- 1; k; 2 - Microorganisms; *Lactobacillus buchneri* 40177
- 1; k; 2 - Microorganisms; *Lactobacillus buchneri* CCM 1819
- 1; k; 2 - Microorganisms; *Lactobacillus buchneri* LN4637 ATCC PTA-2494
- 1; k; 2 - Microorganisms; *Lactobacillus buchneri* NCIMB 40788
- 1; k; 2 - Microorganisms; *Lactobacillus casei* 32909
- 1; k; 2 - Microorganisms; *Lactobacillus salivarius* CNCM I-3238 / ATCC 11741

93<sup>rd</sup> edition: published on 4 October 2010

#### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 3; a; Vitamins and provitamins; Biotin / D-(+)-biotin
- 3; a; Vitamins and provitamins; Nicotinic acid / Nicotinic acid (niacin)
- 3; a; Vitamins and provitamins; Nicotinic acid / Nicotinic acid amide (nicotinamide-niacinamide) (NA)
- 3; a; Vitamins and provitamins; Vitamin K
- CAS No. 1072-83-9 / 2-Acetylpyrrole / Flavis No. 14.047
- CAS No. 107-35-7 / Taurine / Flavis No. 16.056
- CAS No. 107-95-9 / beta-Alanine / Flavis No. 17.001
- CAS No. 108-48-5 / 2,6-Dimethylpyridine / Flavis No. 14.065
- CAS No. 1122-62-9 / 2-Acetylpyridine / Flavis No. 14.038
- CAS No. 120-72-9 / Indole / Flavis No. 14.007
- CAS No. 123-75-1 / Pyrrolidine / Flavis No. 14.064
- CAS No. 142-47-2 / Monosodium glutamate
- CAS No. 147-85-3 / L-Proline / Flavis No. 17.019
- CAS No. 20662-84-4 / Trimethyloxazole / Flavis No. 13.169
- CAS No. 302-84-1 / Serine / Flavis No. 17.020
- CAS No. 443-79-8 / (d-, l-) Isoleucine / Flavis No. 17.010
- CAS No. 516-06-3 / (DL-) Valine / Flavis No. 17.023
- CAS No. 52-90-4 / L-Cysteine / Flavis No. 17.033
- CAS No. 536-78-7 / 3-Ethylpyridine / Flavis No. 14.061
- CAS No. 56-40-6 / Glycine / Flavis No. 17.034
- CAS No. 56-41-7 / l-Alanine / Flavis No. 17.002
- CAS No. 56-84-8 / Aspartic acid / Flavis No. 17.005
- CAS No. 56-86-0 / L-glutamic acid

- CAS No. 60-18-4 / L-Thyrosine / Flavis No. 17.022
- CAS No. 61-90-5 / L-Leucine / Flavis No. 17.012
- CAS No. 63-68-3 / L-Methionine / Flavis No. 17.027
- CAS No. 63-91-2 / L-Phenylalanine / Flavis No. 17.018
- CAS No. 71-00-1 / (L-) Histidine / Flavis No. 17.008
- CAS No. 72-18-4 / L-Valine / Flavis No. 17.028
- CAS No. 74-79-3 / L-Arginine / Flavis No. 17.003
- CAS No. 83-34-1 / 3-Methylindole / Flavis No. 14.004
- CAS No. 94-62-2 / Piperine / Flavis No. 14.003

92<sup>nd</sup> edition: published on 23 September 2010

#### Corrigendum:

- 3b6.10; Zinc - Zn chelate of hydroxy analogue of methionine [All species] ; Reg. (EU) No 335/2010 of 22 April 2010 / *Corrigendum* DE in OJ L 246 of 18.09.2010 p. 75

#### Removal:

- Enzymes; 7; Endo-1,4-beta-xylanase EC 3.2.1.8 / Endo-1,4-beta-glucanase EC 3.2.1.4 produced by *Aspergillus niger* (CBS 600.94) [Ducks]; Reg. (EC) No 773/2006. Authorisation expired 12.06.2010

#### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 3; b; Trace elements; E 1; **Iron - Fe**, Ferric chloride, hexahydrate
- 3; b; Trace elements; E 1; **Iron - Fe**, Ferrous carbonate
- 3; b; Trace elements; E 1; **Iron - Fe**, Ferrous chelate of glycine, hydrate
- 3; b; Trace elements; E 1; **Iron - Fe**, Ferrous fumarate
- 3; b; Trace elements; E 1; **Iron - Fe**, Ferrous sulphate, heptahydrate
- 3; b; Trace elements; E 1; **Iron - Fe**, Ferrous sulphate, monohydrate
- CAS No. 1365-19-1 / Linalool oxide / Flavis No. 13.140
- CAS No. 28664-35-9 / 3-Hydroxy-4,5-dimethylfuran-2(5H)-one / Flavis No. 10.030
- CAS No. 3188-00-9 / 4,5-Dihydro-2-methylfuran-3(2H)-one / Flavis No. 13.042
- CAS No. 3658-77-3 / 4-Hydroxy-2,5-dimethylfuran-3(2H)-one / Flavis No. 13.010
- CAS No. 4166-20-5 / 4-Acetoxy-2,5-dimethylfuran-3(2H)-one / Flavis No. 13.099
- CAS No. 698-10-2 / 5-Ethyl-3-hydroxy-4-methylfuran-2(5H)-one / Flavis No. 10.023

91<sup>st</sup> edition: published on 13 September 2010

#### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; a; Preservatives; E 202; Potassium sorbate [cats and dogs]
- Micro-organisms; 12; *Lactobacillus farciminis* CNCM MA 67/4R [Chickens for fattening; Turkeys for fattening; Laying hens]
- Micro-organisms; E 1701; *Bacillus cereus* var. *toyoi* NCIMB 40112/CNCM I -1012 [Cattle for fattening]
- Micro-organisms; E 1701; *Bacillus cereus* var. *toyoi* NCIMB 40112/CNCM I -1012 [Piglets; Pigs for fattening]

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Reg (EC) No 1831/2003; European Union Register of Feed Additives. Appendixes 3b – 7.2.2012

Register: [http://ec.europa.eu/food/food/animalnutrition/feedadditives/registeradditives\\_en.htm](http://ec.europa.eu/food/food/animalnutrition/feedadditives/registeradditives_en.htm)

European Union legislation on feed additives: [http://ec.europa.eu/food/food/animalnutrition/feedadditives/legisl\\_en.htm](http://ec.europa.eu/food/food/animalnutrition/feedadditives/legisl_en.htm)

- Micro-organisms; E 1701; *Bacillus cereus* var. *toyoi* NCIMB 40112/CNCM I -1012 [Piglets; Sows]
- Micro-organisms; E 1701; *Bacillus cereus* var. *toyoi* NCIMB 40112/CNCM I -1012 [Rabbits for fattening; Chickens for fattening]
- Micro-organisms; E 1711; *Saccharomyces cerevisiae* CNCM I-1077 [Dairy cows; Cattle for fattening]

Following the provisions of Art. 10 § 7 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; k; 2 - Microorganisms; *Lactobacillus pentosus* DSM 14025
- 1; k; 2 - Microorganisms; *Lactobacillus plantarum* L-256 NCIMB 30084
- 1; k; 2 - Microorganisms; *Lactobacillus plantarum* LSI NCIMB 30083
- 1; k; 2 - Microorganisms; *Lactobacillus rhamnosus* NCIMB 30121
- 1; k; 2 - Microorganisms; *Lactococcus lactis* NCIMB 30160
- 1; k; 2 - Microorganisms; *Pediococcus acidilactici* 33-06 NCIMB 30086
- 1; k; 2 - Microorganisms; *Pediococcus acidilactici* 33-11 NCIMB 30085
- 1; k; 2 - Microorganisms; *Pediococcus acidilactici* DSM 16243
- 1; k; 2 - Microorganisms; *Pediococcus pentosaceus* DSM 14021

#### Note

- 1; a; Preservatives; E 202; Potassium sorbate is now split in 2 lines : Potassium sorbate [All animal species except cats and dogs] and Potassium sorbate [Cats and dogs] because an application was received only for cats and dogs

90<sup>th</sup> edition: published on 09 September 2010

#### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 3b; Trace elements; E 5; **Manganese - Mn**, Manganese chelate of glycine, hydrate
- 3b; Trace elements; E 5; **Manganese - Mn**, Manganous carbonate
- 3b; Trace elements; E 5; **Manganese - Mn**, Manganous chloride, tetrahydrate
- 3b; Trace elements; E 5; **Manganese - Mn**, Manganous oxide
- 3b; Trace elements; E 5; **Manganese - Mn**, Manganous sulphate, monohydrate
- CAS No. 119-84-6 / 3,4-Dihydrocoumarin / Flavis No. 13.009
- CAS No. 17369-59-4 / 3-Propylidene-phthalide / Flavis No. 10.005
- CAS No. 551-08-6 / 3-Butylidene-phthalide / Flavis No. 10.024

89<sup>th</sup> edition: published on 18 August 2010

#### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 3b; Trace elements; E 6; **Zinc - Zn**, Zinc oxide

Following the provisions of Art. 10 § 7 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1k; 2 - Microorganisms; *Lactobacillus buchneri* DSM 12856
- 1k; 2 - Microorganisms; *Lactobacillus buchneri* DSM 16774

- 1k; 2 - Microorganisms; *Lactobacillus paracasei* DSM 16245
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* DSM 12837

88<sup>th</sup> edition: published on 17 August 2010

Correction :

- The text "*Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for following additives:*" is changed to "*Following the provisions of Art. 10 § 7 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for following additives:*" was changed for the additives belonging to category 1k listed in revisions 84 and 85.

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1b; E 310; Propyl gallate
- 2b; natural products - botanically defined; *Macleaya cordata* (Willd.) R. Br.: Plume poppy absolute / Plume poppy extract / Plume poppy oil / Plume poppy tincture

87<sup>th</sup> edition: published on 9 August 2010

Corrigendum:

- Reg. (EC) No 184/2007 4d800, Potassium diformate (Formi LHS) *Corrigendum* of PL version published in OJ L 196 PL 28.07.2010, p. 27

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 3c; Amino acids, their salts and analogues; 3.2.2.; Lysine / Concentrated liquid L-lysine (base)
- 3c; Amino acids, their salts and analogues; 3.2.3.; Lysine / L-lysine monohydrochloride, technically pure
- 3c; Amino acids, their salts and analogues; 3.2.5.; Lysine / L-lysine sulphate produced by fermentation with *Corynebacterium glutamicum*
- CAS No. 100-06-1 / 4-Methoxyacetophenone / Flavis No. 07.038
- CAS No. 101-39-3 / alpha-Methylcinnamaldehyde / Flavis No. 05.050
- CAS No. 101-86-0 / alpha-Hexylcinnamaldehyde / Flavis No. 05.041
- CAS No. 103-26-4 / Methyl cinnamate / Flavis No. 09.740
- CAS No. 103-36-6 / Ethyl cinnamate / Flavis No. 09.730
- CAS No. 103-54-8 / Cinnamyl acetate / Flavis No. 09.018
- CAS No. 103-58-2 / 3-Phenylpropyl isobutyrate / Flavis No. 09.428
- CAS No. 103-59-3 / Cinnamyl isobutyrate / Flavis No. 09.470
- CAS No. 103-61-7 / Cinnamyl butyrate / Flavis No. 09.053
- CAS No. 103-95-7 / 3-(p-Cumenyl)-2-methylpropionaldehyde / Flavis No. 05.045
- CAS No. 104-20-1 / 4-(4-Methoxyphenyl)butan-2-one / Flavis No. 07.029
- CAS No. 104-53-0 / 3-Phenylpropanal / Flavis No. 05.080
- CAS No. 104-54-1 / Cinnamyl alcohol / Flavis No. 02.017
- CAS No. 104-55-2 / Cinnamaldehyde / Flavis No. 05.014
- CAS No. 106-68-3 / Octan-3-one / Flavis No. 07.062
- CAS No. 107-87-9 / Pentan-2-one / Flavis No. 07.054
- CAS No. 110-27-0 / Isopropyl tetradecanoate / Flavis No. 09.105
- CAS No. 110-43-0 / Heptan-2-one / Flavis No. 07.002
- CAS No. 110-93-0 / 6-Methylhept-5-en-2-one / Flavis No. 07.015

- CAS No. 111-13-7 / Octan-2-one / Flavis No. 07.019
- CAS No. 112-12-9 / Undecan-2-one / Flavis No. 07.016
- CAS No. 119-61-9 / Benzophenone / Flavis No. 07.032
- CAS No. 122-00-9 / 4-Methylacetophenone / Flavis No. 07.022
- CAS No. 122-40-7 / alpha-Pentylcinnamaldehyde / Flavis No. 05.040
- CAS No. 122-48-5 / Vanillyl acetone / Flavis No. 07.005
- CAS No. 122-57-6 / 4-Phenylbut-3-en-2-one / Flavis No. 07.024
- CAS No. 122-97-4 / 3-Phenylpropan-1-ol / Flavis No. 02.031
- CAS No. 123-96-6 / Octan-2-ol / Flavis No. 02.022
- CAS No. 140-27-2 / Cinnamyl isovalerate / Flavis No. 09.459
- CAS No. 1604-28-0 / 6-Methylhepta-3,5-dien-2-one / Flavis No. 07.099
- CAS No. 21834-92-4 / 5-Methyl-2-phenylhex-2-enal / Flavis No. 05.099
- CAS No. 2442-10-6 / Oct-1-en-3-yl acetate / Flavis No. 09.281
- CAS No. 3391-86-4 / Oct-1-en-3-ol / Flavis No. 02.023
- CAS No. 4312-99-6 / Oct-1-en-3-one / Flavis No. 07.081
- CAS No. 5471-51-2 / 4-(p-Hydroxyphenyl)butan-2-one / Flavis No. 07.055
- CAS No. 589-98-0 / Octan-3-ol / Flavis No. 02.098
- CAS No. 593-08-8 / Tridecan-2-one / Flavis No. 07.103
- CAS No. 6032-29-7 / pentan-2-ol; sec-Amyl alcohol; alpha-Methyl butanol; Methyl n-propyl carbinol; Methyl n-Propyl carbinol; Propyl methyl carbinol; / Flavis No. 02.088
- CAS No. 616-25-1 / Pent-1-en-3-ol / Flavis No. 02.099
- CAS No. 621-82-9 / Cinnamic acid / Flavis No. 08.022
- CAS No. 67-63-0 / Isopropanol / Flavis No. 02.079
- CAS No. 689-67-8 / 6,10-Dimethyl-5,9-undecadien-2-one / Flavis No. 07.216
- CAS No. 693-54-9 / Decan-2-one / Flavis No. 07.150
- CAS No. 7779-65-9 / Isopentyl cinnamate / Flavis No. 09.742
- CAS No. 78-93-3 / Butan-2-one / Flavis No. 07.053
- CAS No. 81925-81-7 / 5-Methylhept-2-en-4-one / Flavis No. 07.139
- CAS No. 821-55-6 / Nonan-2-one / Flavis No. 07.020
- CAS No. 89-79-2 / Isopulegol / Flavis No. 02.067
- CAS No. 925-78-0 / Nonan-3-one / Flavis No. 07.113
- CAS No. 93-53-8 / 2-Phenylpropanal / Flavis No. 05.038
- CAS No. 93-92-5 / 1-Phenethyl acetate / Flavis No. 09.178
- CAS No. 97-54-1 / Isoeugenol / Flavis No. 04.004
- CAS No. 98-85-1 / 1-Phenylethan-1-ol / Flavis No. 02.064
- CAS No. 98-86-2 / Acetophenone / Flavis No. 07.004

86<sup>th</sup> edition: published on 2 August 2010

#### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 3c; Amino acids, their salts and analogues; 3.3.1.; Threonine / L-threonine, technically pure
- CAS No. 101-84-8 / Diphenyl ether / Flavis No. 04.035

- CAS No. 1076-56-8 / 1-Isopropyl-2-methoxy-4-methylbenzene / Flavis No. 04.043
- CAS No. 108-50-9 / 2,6-Dimethylpyrazine / Flavis No. 14.021
- CAS No. 109-08-0 / 2-Methylpyrazine / Flavis No. 14.027
- CAS No. 1124-11-4 / 2,3,5,6-Tetramethylpyrazine / Flavis No. 14.018
- CAS No. 118-71-8 / Maltol / Flavis No. 07.014
- CAS No. 123-32-0 / 2,5-Dimethylpyrazine / Flavis No. 14.020
- CAS No. 13708-12-8 / 5-Methylquinoxaline / Flavis No. 14.028
- CAS No. 13925-00-3 / 2-Ethylpyrazine / Flavis No. 14.022
- CAS No. 13925-07-0 / 2-Ethyl-3,5-dimethylpyrazine / Flavis No. 14.024
- CAS No. 14667-55-1 / 2,3,5-Trimethylpyrazine / Flavis No. 14.019
- CAS No. 150-78-7 / 1,4-Dimethoxybenzene / Flavis No. 04.034
- CAS No. 151-10-0 / 1,3-Dimethoxybenzene / Flavis No. 04.016
- CAS No. 15707-23-0 / 2-Ethyl-3-methylpyrazine / Flavis No. 14.006
- CAS No. 15707-24-1 / 2,3-Diethylpyrazine / Flavis No. 14.005
- CAS No. 18138-04-0 / Diethyl-5-methylpyrazine / Flavis No. 14.056
- CAS No. 22047-25-2 / Acetylpyrazine / Flavis No. 14.032
- CAS No. 220-651-6 / 2-Methoxy-3-methylpyrazine / Flavis No. 14.126
- CAS No. 23747-48-0 / 5H-5-methyl-6,7-dihydrocyclopenta (b)pyrazine / Flavis No. 14.037
- CAS No. 24168-70-5 / 2-(sec-Butyl)-3-methoxy pyrazine / Flavis No. 14.062
- CAS No. 24683-00-9 / 2-Isobutyl-3-methoxy pyrazine / Flavis No. 14.043
- CAS No. 25680-58-4 / 2-Ethyl-3-methoxy pyrazine / Flavis No. 14.112
- CAS No. 2785-89-9 / p-methylanisole, 1-Methoxy-4-methylbenzene / Flavis No. 04.015
- CAS No. 32974-92-8 / 2-Acetyl-3-ethylpyrazine / Flavis No. 14.049
- CAS No. 34413-35-9 / 5,6,7,8-Tetrahydroquinoxaline / Flavis No. 14.015
- CAS No. 3558-60-9 / 2-Methoxyethyl benzene / Flavis No. 03.006
- CAS No. 55031-15-7/ 2-ethyl-3,(5or6)di methylpyrazine / Flavis No. 14.100
- CAS No. 5910-89-4 / 2,3-Dimethylpyrazine / Flavis No. 14.050
- CAS No. 63450-30-6 / 2,5 or 6-methoxy-3-methylpyrazine / Flavis No. 14.025
- CAS No. 93-04-9 / 2-Methoxynaphthalene / Flavis No. 04.074
- CAS No. 93-16-3 / 1,2-Dimethoxy-4-(prop-1-enyl)benzene / Flavis No. 04.013

85<sup>th</sup> edition: published on 26 July 2010

Removal:

*NOTA : The entries grayed in edition 84 are removed.*

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; Binders, anti-caking agents and coagulants; E 535; Sodium Ferrocyanide
- 1; Binders, anti-caking agents and coagulants; E 536; Potassium Ferrocyanide
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* DSM 16565
- 3b; Trace elements; E 1; **Iron - Fe**, Ferrous chelate of amino acids, hydrate
- 3b; Trace elements; E 5; **Manganese - Mn**, Manganese chelate of amino acids hydrate

- 3c; Amino acids, their salts and analogues; 3.4.1.; Tryptophan / L-tryptophan, technically pure
- Enzymes; E 1616; Preparation of endo-1,4-beta-glucanase produced by *Trichoderma longibrachiatum* (IMI SD 142) / EC 3.2.1.4 [Chickens for fattening]
- Enzymes; E 1616; Preparation of endo-1,4-beta-glucanase produced by *Trichoderma longibrachiatum* (IMI SD 142) / EC 3.2.1.4 [Piglets (weaned)]

84<sup>th</sup> edition: published on 19 July 2010

Removal:

- 1k; 2 - Microorganisms; *Lactobacillus plantarum* CNCM MA 18/5U. This strain is the same as *Lactobacillus plantarum* DSM 11672

Correction:

- 1k; 2 - Microorganisms; *Lactobacillus plantarum* DSM 11672. Addition of "*Lactobacillus plantarum* CNCM MA 18/5U" because strains are equal.

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1k; 2 - Microorganisms; *Lactobacillus plantarum* 24011
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* AK 5106 DSM 20174
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* ATCC 8014
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* DSM 11672 = *Lactobacillus plantarum* CNCM MA 18/5U
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* DSM 16568
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* IFA 96
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* LP286 DSM 4784 ATCC 53187
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* LP287 DSM 5257 ATCC 55058
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* LP318 DSM 4785
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* LP319 DSM 4786
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* LP329 DSM 5258 ATCC 55942
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* LP346 DSM 4787 ATCC 55943
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* LP347 DSM 5284 ATCC 55944
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* MBS-LP-01
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* MiLAB 393 LMG-21295
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* NCIMB 30094
- 1k; 2 - Microorganisms; *Lactobacillus plantarum* VTT E-78076
- CAS No. 107-03-9 / 1-Propane-1-thiol / Flavis No. 12.071
- CAS No. 13532-18-8 / Methyl 3-(methylthio)propionate / Flavis No. 12.002
- CAS No. 137-06-4 / 2-Methylbenzene-1-thiol / Flavis No. 12.027
- CAS No. 1618-26-4 / 2,4-Dithiapentane / Flavis No. 12.118
- CAS No. 16630-52-7 / 3-(Methylthio)butanal / Flavis No. 12.056
- CAS No. 2050-87-5 / Diallyl trisulfide / Flavis No. 12.009
- CAS No. 2179-57-9 / Diallyl disulfide / Flavis No. 12.008
- CAS No. 2179-58-0 / Allyl methyl disulfide / Flavis No. 12.037
- CAS No. 2179-60-4 / Methyl propyl disulfide / Flavis No. 12.019
- CAS No. 23654-92-4 / 3,5-Dimethyl-1,2,4-trithiolane / Flavis No. 15.025

- CAS No. 2432-51-1 / S-Methyl butanethioate / Flavis No. 12.032
- CAS No. 3268-49-3 / 3-(Methylthio)propionaldehyde / Flavis No. 12.001
- CAS No. 3658-80-8 / Dimethyl trisulfide / Flavis No. 12.013
- CAS No. 38462-22-5 / 8-Mercapto-p-menthan-3-one / Flavis No. 12.038
- CAS No. 40789-98-8 / 3-Mercaptobutan-2-one / Flavis No. 12.047
- CAS No. 43040-01-3 / 3-Methyl-1,2,4-trithiane / Flavis No. 15.036
- CAS No. 505-10-2 / 3-(Methylthio)propan-1-ol / Flavis No. 12.062
- CAS No. 513-44-0 / 2-Methylpropane-1-thiol / Flavis No. 12.173
- CAS No. 51755-66-9 / 3-(Methylthio)hexan-1-ol / Flavis No. 12.063
- CAS No. 544-40-1 / Dibutyl sulfide / Flavis No. 12.007
- CAS No. 57-06-7 / Allyl isothiocyanate / Flavis No. 12.025
- CAS No. 5756-24-1 / Dimethyl tetrasulfide / Flavis No. 12.116
- CAS No. 592-88-1 / Diallyl sulfide / Flavis No. 12.088
- CAS No. 6028-61-1 / Dipropyl trisulfide / Flavis No. 12.023
- CAS No. 624-92-0 / Dimethyl disulfide / Flavis No. 12.026
- CAS No. 629-19-6 / Dipropyl disulfide / Flavis No. 12.014
- CAS No. 67-68-5 / Methylsulfinylmethane / Flavis No. 12.175
- CAS No. 67715-80-4 / 2-Methyl-4-propyl-1,3-oxathiane / Flavis No. 16.030
- CAS No. 67952-60-7 / 2-Methyl-2-(methylthio)propanal / Flavis No. 12.168
- CAS No. 71159-90-5 / p-Menth-1-ene-8-thiol / Flavis No. 12.085
- CAS No. 74-93-1 / Methanethiol / Flavis No. 12.003
- CAS No. 75-18-3 / Dimethyl sulfide / Flavis No. 12.006
- CAS No. 75-33-2 / Propane-2-thiol / Flavis No. 12.197
- CAS No. 870-23-5 / Allylthiol / Flavis No. 12.004
- E 161y; Astaxanthin-rich *Phaffia rhodozyma* (ATCC SD-5340) [Salmon; Trout]
- E 4; **Copper - Cu**, Basic cupric carbonate, monohydrate
- E 4; **Copper - Cu**, Cupric acetate, monohydrate
- E 4; **Copper - Cu**, Cupric chelate of amino acids hydrate
- E 4; **Copper - Cu**, Cupric chelate of glycine, hydrate
- E 4; **Copper - Cu**, Cupric chloride, dihydrate
- E 4; **Copper - Cu**, Cupric oxide
- E 4; **Copper - Cu**, Cupric sulphate, pentahydrate
- E 566; Natrolite-phonolite
- Methionine / Calcium salt of hydroxy analogue of methionine
- Methionine / Concentrated liquid sodium DL-methionine technically pure
- Methionine / DL-methionine, technically pure
- Methionine / DL-methionine, technically pure protected with copolymer vinylpyridine/styrene
- Methionine / Hydroxy analogue of methionine
- Methionine / Isopropyl ester of the hydroxylated analogue of methionine

83<sup>rd</sup> edition: published on 14 July 2010

Correction:

Minor typo corrected

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- CAS No. 10032-11-8 / Hex-3-enyl isovalerate / Flavis No. 09.505
- CAS No. 105-85-1 / Citronellyl formate / Flavis No. 09.078
- CAS No. 106-22-9 / Citronellol / Flavis No. 02.011
- CAS No. 106-23-0 / Citronellal / Flavis No. 05.021
- CAS No. 106-72-9 / 2,6-Dimethylhept-5-enal / Flavis No. 05.074
- CAS No. 112-45-8 / Undec-10-enal / Flavis No. 05.035
- CAS No. 134-20-3 / Methyl anthranilate / Flavis No. 09.715
- CAS No. 141-14-0 / Citronellyl propionate / Flavis No. 09.129
- CAS No. 141-16-2 / Citronellyl butyrate / Flavis No. 09.049
- CAS No. 150-84-5 / Citronellyl acetate / Flavis No. 09.012
- CAS No. 16409-43-1 / 2-(2-Methylprop-1-enyl)-4-methyltetrahydropyran / Flavis No. 13.037
- CAS No. 16491-36-4 / Hex-3-enyl butyrate / Flavis No. 09.270
- CAS No. 20125-84-2 / Oct-3-en-1-ol / Flavis No. 02.094
- CAS No. 2277-19-2 / Non-6(cis)-enal / Flavis No. 05.059
- CAS No. 28069-74-1 / 1-Ethoxy-1-(3-hexenyloxy)ethane / Flavis No. 06.081
- CAS No. 31501-11-8 / Hex-3-enyl hexanoate / Flavis No. 09.27
- CAS No. 33467-73-1 / Hex-3(cis)-enyl formate / Flavis No. 09.240
- CAS No. 35854-86-5 / Non-6-en-1-ol / Flavis No. 02.093
- CAS No. 36431-72-8 / Theaspirane / Flavis No. 13.098
- CAS No. 3681-71-8 / Hex-3(cis)-enyl acetate / Flavis No. 09.197
- CAS No. 41519-23-7 / Hex-3(cis)-enyl isobutyrate / Flavis No. 09.563
- CAS No. 470-82-6 / 1,8-Cineole / Flavis No. 03.001
- CAS No. 502-47-6 / Citronellic acid / Flavis No. 08.036
- CAS No. 6728-31-0 / Hept-4-enal / Flavis No. 05.085
- CAS No. 6789-80-6 / Hex-3(cis)-enal / Flavis No. 05.075
- CAS No. 6790-58-5 / 1,5,5,9-Tetramethyl-13-oxatricyclo [8.3.0.0.(4.9)]tridecane / Flavis No. 13.072
- CAS No. 7540-51-4 / (-)-3,7-Dimethyl-6-octen-1-ol / Flavis No. 02.229
- CAS No. 85-91-6 / Methyl N-methylantranilate / Flavis No. 09.781
- CAS No. 928-91-6 / Hex-4(cis)-en-1-ol / Flavis No. 02.160
- CAS No. 928-96-1 / Hex-3(cis)-en-1-ol / Flavis No. 02.056
- **Vitamin B1** / Thiamine mononitrate
- **Vitamin B2** / Riboflavin

82<sup>nd</sup> edition: published on 1 July 2010

Correction:

- CAS No. 765-70-8 / 3-Methylcyclopentan-1,2-dione / Flavis No. 07.056; CAS No. removed
- Enzymes; E 1621; Preparation of endo-1,3(4)-betaglucanase / EC 3.2.1.6 produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase / EC 3.2.1.4 produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase / EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553) and endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma viride* (NIBH FERM BP 4842) [Laying hens]; Reg. (EU) No 516/2010 of 15 June 2010. Expiry date changed to "Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003"

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- E 1702; *Saccharomyces cerevisiae* NCYC Sc 47 [Rabbits for fattening]; Reg. (EC) No 600/2005
- E 1704; *Saccharomyces cerevisiae* CBS 493.94 [Calves; Cattle for fattening]; Reg. (EC) No 1812/2005 in OJ L 291, 05.11.2005, p.18
- E 1704; *Saccharomyces cerevisiae* CBS 493.94 [Dairy cows]; Reg. (EC) No 1811/2005 in OJ L 291, 05.11.2005, p. 12

81<sup>st</sup> edition: published on 16 June 2010

Additions:

- 1k; 2 - Microorganisms; 1k2101; *Pediococcus pentosaceus* DSM 16244; Reg. (EU) No 514/2010 of 15 June 2010 in OJ L 150, 16.06.2010, p. 42
- Enzymes; E 1621; Preparation of endo-1,3(4)-betaglucanase / EC 3.2.1.6 produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase / EC 3.2.1.4 produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase / EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553) and endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma viride* (NIBH FERM BP 4842) [Laying hens]; Reg. (EU) No 516/2010 of 15 June 2010 in OJ L 150, 16.06.2010, p. 46. *NOTA "Initial comments on that application, as provided for in Article 4(4) of Directive 70/524/EEC, were forwarded to the Commission before the date of application of Regulation (EC) No 1831/2003. This application is therefore to continue to be treated in accordance with Article 4 of Directive 70/524/EEC."*

Removals:

*NOTA : The entries are grayed and will be removed in the next edition of the Register.*

- 1k; 2 - Microorganisms; *Pediococcus pentosaceus* DSM 16244; Reg. (EC) 1831/2003 in OJ L 268, 18.10.2003, p. 29. Replaced by 1k2101 Reg. (EU) No 514/2010 of 15 June 2010 in OJ L 150, 16.06.2010, p. 42

Amendment:

- 4b; Gut flora stabilisers; 4b1821; *Bacillus subtilis* DSM 17299 (O35) (holder of authorisation Chr. Hansen A/S) [Chickens for fattening]; Reg. (EC) No 1137/2007 of 1 October 2007 / Amended by Reg (EC) No 203/2009 of 16 March 2009 / Amended by Reg (EU) No 515/2010 of 15 June 2010 in OJ L 150 of 16.06.2010, p. 44

Correction:

- E 763; Lasalocid A sodium 15 g/100g (Avatec 15 % cc; Avatec 150 G) [Chickens for fattening; Chickens reared for laying].

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 3a; Vitamins and provitamins; **Choline** / Choline chloride

80<sup>th</sup> edition: published on 15 June 2010

**Information:**

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 3a; Vitamins and provitamins; Pantothenic acid / Calcium-D-pantothenate
- 3a; Vitamins and provitamins; Pantothenic acid / D-panthenol

79<sup>th</sup> edition: published on 14 June 2010

**Information:**

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- Enzymes; 28; 3-Phytase / EC 3.1.3.8 produced by *Trichoderma reesei* (CBS 528.94) [Laying hens]; Reg. (EC) No 252/2006 in OJ L 44, 15.02.2006, p. 3

**Removals:**

*NOTA : The entries grayed in edition 78 are removed.*

78<sup>th</sup> edition: published on 20 May 2010

**Removals:**

*NOTA : The entries are grayed and will be removed in the next edition of the Register.*

*The entries grayed in edition 77 are removed.*

- Enzymes; 28; 3-Phytase / EC 3.1.3.8 produced by *Trichoderma reesei* (CBS 528.94) [Laying hens]; Reg. (EC) No 252/2006 in OJ L 44, 15.02.2006, p. 3 ; Authorisation expired 07.03.2010
- Enzymes; 39; Preparation of endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Trichoderma longibrachiatum* (ATCC 2106) and endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma longibrachiatum* (ATCC 2105) [Piglets (Weaned)]; Reg. (EC) No 252/2006 in OJ L 44, 15.02.2006, p. 3; Authorisation expired 07.03.2010
- Enzymes; 53; Preparation of endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase / EC 3.2.1.4 produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase / EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553), bacillolysin / EC 3.4.24.28 produced by *Bacillus amyloliquefaciens* (DSM 9554) and endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma viride* (NIBH FERM BP 4842) [Turkeys for fattening]; Reg. (EC) No 252/2006 in OJ L 44, 15.02.2006, p. 3; Authorisation expired 07.03.2010

**Information:**

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 3-Methylcyclopentan-1,2-dione / Flavis No. 07.056
- CAS No. 100-51-6 / Benzyl alcohol / Flavis No. 02.010
- CAS No. 100-52-7 / Benzaldehyde / Flavis No. 05.013
- CAS No. 100-86-7 / 2-Methyl-1-phenylpropan-2-ol / Flavis No. 02.035
- CAS No. 101-41-7 / Methyl phenyl-acetate / Flavis No. 09.783
- CAS No. 101-48-4 / 1,1-Di-methoxy-2-phenyl-ethane / Flavis No. 06.006
- CAS No. 101-97-3 / Ethyl phenyl-acetate / Flavis No. 09.784
- CAS No. 102-13-6 / Isobutyl phenyl-acetate / Flavis No. 09.788
- CAS No. 102-16-9 / Benzyl phenylacetate / Flavis No. 09.705

- CAS No. 102-19-2 / 3-Methylbutyl phenylacetate / Flavis No. 09.789
- CAS No. 102-20-5 / Phenethyl phenylacetate / Flavis No. 09.707
- CAS No. 103-28-6 / Benzyl isobutyrate / Flavis No. 09.426
- CAS No. 103-37-7 / Benzyl butyrate / Flavis No. 09.051
- CAS No. 103-38-8 / Benzyl isovalerate / Flavis No. 09.458
- CAS No. 103-41-3 / Benzyl cinnamate / Flavis No. 09.738
- CAS No. 103-45-7 / Phenethyl acetate / Flavis No. 09.031
- CAS No. 103-48-0 / Phenethyl isobutyrate / Flavis No. 09.427
- CAS No. 103-52-6 / Phenethyl butyrate / Flavis No. 09.168
- CAS No. 103-82-2 / Phenylacetic acid / Flavis No. 08.038
- CAS No. 104-21-2 / p-Anisyl acetate / Flavis No. 09.019
- CAS No. 104-57-4 / Benzyl formate / Flavis No. 09.077
- CAS No. 104-62-1 / Phenethyl formate / Flavis No. 09.083
- CAS No. 104-87-0 / p-Tolualdehyde / Flavis No. 05.029
- CAS No. 105-13-5 / p-Anisyl alcohol / Flavis No. 02.128
- CAS No. 1125-21-9 / 2,6,6-Trimethyl-cyclohex-2-en-1,4-dione / Flavis No. 07.109
- CAS No. 113486-29-6 / 3-Methylnona-2,4-dione 2 / Flavis No. 07.184
- CAS No. 115-95-7 / Linalyl acetate / Flavis No. 09.013
- CAS No. 115-99-1 / Linalyl formate / Flavis No. 09.080
- CAS No. 118-58-1 / Benzyl salicylate / Flavis No. 09.752
- CAS No. 118-61-6 / Ethyl salicylate / Flavis No. 09.748
- CAS No. 119-36-8 / Methyl salicylate / Flavis No. 09.749
- CAS No. 1197-01-9 / 2-(4-Methyl-phenyl) propan-2-ol / Flavis No. 02.042
- CAS No. 120-14-9 / Veratraldehyde / Flavis No. 05.017
- CAS No. 120-50-3 / Isobutyl benzoate / Flavis No. 09.757
- CAS No. 120-51-4 / Benzyl benzoate / Flavis No. 09.727
- CAS No. 120-57-0 / Piperonal / Flavis No. 05.016
- CAS No. 121-33-5 / Vanillin / Flavis No. 05.018
- CAS No. 122-03-2 / 4-Isopropylbenz-aldehyde / Flavis No. 05.022
- CAS No. 122-63-4 / Benzyl propionate / Flavis No. 09.132
- CAS No. 122-78-1 / Phenyl-acetaldehyde / Flavis No. 05.030
- CAS No. 123-11-5 / 4-Methoxybenz-aldehyde / Flavis No. 05.015
- CAS No. 13494-06-9 / 3,4-Dimethyl-cyclopentan-1,2-dione / Flavis No. 07.075

- CAS No. 13494-07-0 / 3,5-Dimethyl-cyclopentan-1,2-dione / Flavis No. 07.076
- CAS No. 135-02-4 / 2-Methoxy-benzaldehyde / Flavis No. 05.129
- CAS No. 140-11-4 / Benzyl acetate / Flavis No. 09.014
- CAS No. 140-26-1 / Phenethyl isovalerate / Flavis No. 09.466
- CAS No. 144-39-8 / Linalyl propionate / Flavis No. 09.130
- CAS No. 149-91-7 / Gallic acid / Flavis No. 08.080
- CAS No. 2050-08-0 / Pentyl salicylate / Flavis No. 09.762
- CAS No. 21835-01-8 / 3-Ethylcyclopentan-1,2-dione / Flavis No. 07.057
- CAS No. 24817-51-4 / Phen-ethyl 2-methyl-butyrates / Flavis No. 09.538
- CAS No. 431-03-8 / Diacetyl / Flavis No. 07.052
- CAS No. 4437-51-8 / Hexan-3,4-dione / Flavis No. 07.077
- CAS No. 4906-24-5 / sec-Butan-3-onyl acetate / Flavis No. 09.186
- CAS No. 513-86-0 / 3-Hydroxybutan-2-one / Flavis No. 07.051
- CAS No. 536-60-7 / 4-Isopropylbenzyl alcohol / Flavis No. 02.039
- CAS No. 5421-17-0 / Hexyl phenylacetate / Flavis No. 09.804
- CAS No. 5457-70-5 / Phenethyl octanoate / Flavis No. 09.262
- CAS No. 562-74-3 / 4-Terpinenol / Flavis No. 02.072
- CAS No. 600-14-6 / Pentan-2,3-dione / Flavis No. 07.060
- CAS No. 60-12-8 / 2-Phenylethan-1-ol / Flavis No. 02.019
- CAS No. 6259-76-3 / Hexyl salicylate / Flavis No. 09.581
- CAS No. 65-85-0 / Benzoic acid / Flavis No. 08.021
- CAS No. 6938-45-0 / Benzyl hexanoate / Flavis No. 09.316
- CAS No. 7212-44-4 / Nerolidol / Flavis No. 02.018
- CAS No. 78-35-3 / Linalyl isobutyrate / Flavis No. 09.423
- CAS No. 78-36-4 / Linalyl butyrate / Flavis No. 09.050
- CAS No. 78-70-6 / Linalool / Flavis No. 02.013
- CAS No. 8000-41-7 / Terpineol / Flavis No. 02.230
- CAS No. 8007-35-0 / Terpineol acetate / Flavis No. 09.830
- CAS No. 87-19-4 / Isobutyl salicylate / Flavis No. 09.750
- CAS No. 87-20-7 / Isopentyl salicylate / Flavis No. 09.751
- CAS No. 90-02-8 / Salicylaldehyde / Flavis No. 05.055
- CAS No. 93-58-3 / Methyl benzoate / Flavis No. 09.725
- CAS No. 93-89-0 / Ethyl benzoate / Flavis No. 09.726

- CAS No. 94-46-2 / Isopentyl benzoate / Flavis No. 09.755
- CAS No. 94-47-3 / Phenethyl benzoate / Flavis No. 09.774
- CAS No. 98-55-5 / Alpha-Terpineol / Flavis No. 02.014

77<sup>th</sup> edition: published on 28 April 2010

Additions:

- 3b4.10; **Copper - Cu** chelate of hydroxy analogue of methionine [All species]; Reg. (EU) No 349/2010 of 23 April 2010 in OJ L 104 of 24.04.2010, p. 31
- 3b5.10; **Manganese – Mn** chelate of hydroxy analogue of methionine [All species]; Reg. (EU) No 350/2010 of 23 April 2010 in OJ L 104 of 24.04.2010, p. 36
- 3b6.10; **Zinc - Zn** chelate of hydroxy analogue of methionine [All species]; Reg. (EU) No 335/2010 of 22 April 2010 in OJ L 102 of 23.04.2010, p. 22
- 3c3.8.1; L-isoleucine with a purity of at least 93,4 % (on dry matter) produced by *Escherichia coli* (FERM ABP-10641); Reg (EU) No 348/2010 of 23 April 2010 in OJ L 104, 24.04.2010, p. 29
- 4b1820; *Bacillus subtilis* C-3102 (DSM 15544) (Calsporin) [Piglets (weaned)]; Reg. (EC) No 333/2010 of 22 April 2010 in OJ L 102, 23.4.2010, p. 19

Amendment:

- 2a(ii)167; Red carotenoidrich *Paracoccus carotinifaciens* [Salmon; Trout]; Reg. (EC) No 721/2008 of 25 July 2008 is Amended by Reg. (EU) No 334/2010 of 22 April 2010 in OJ L 1021, 23.04.2010, p. 21

Removals:

*NOTA : The entries are grayed and will be removed in the next edition of the Register.*

- 3b410; **Copper - Cu** chelate of hydroxy analogue of methionine [Chickens for fattening]; Reg. (EC) No 1253/2008 of 15 December 2008 is repealed by (EU) No 349/2010 of 23 April 2010 in OJ L 104 of 24.04.2010, p. 22
- 3b5.10; **Manganese** chelate of hydroxy analogue of methionine [chickens for fattening]; Reg. (EU) No 103/2010 of 5 February 2010 is repealed by (EU) No 350/2010 of 23 April 2010 in OJ L 104 of 24.04.2010, p. 31
- 3b6.10; **Zinc -Zn** chelate of hydroxy analogue of methionine [Chickens for fattening]; Reg. (EC) No 888/2009 of 25 September 2009 is repealed by (EU) No 335/2010 of 22 April 2010 in OJ L 102 of 23.04.2010, p. 22

76<sup>th</sup> edition: published on 22 April 2010

Additions:

- 4a; Digestibility enhancers; 4a1600; 3-phytase produced by *Aspergillus niger* (CBS 101.672) [all minor avian species, other than ducks, and for ornamental birds] (holder of authorisation BASF SE); Reg. (EC) No 327/2010 of 21 April 2010 in OJ L 100, 22.04.2010, p. 3

Corrigendum:

- Reg. (EC) No 184/2007 4d800, Potassium diformate (Formi LHS) *Corrigendum* of SL version published in OJ L 99 SL, 21.04.2010, p. 8

75<sup>th</sup> edition: published on 17 April 2010

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- CAS No. 1195-32-0 / 1-Isopropenyl-4-methylbenzene / Flavis No. 01.010
- CAS No. 123-35-3 / Myrcene / Flavis No. 01.008
- CAS No. 127-91-3 / Pin-2(10)-ene / Flavis No. 01.003
- CAS No. 13466-78-9 / delta-3-Carene / Flavis No. 01.029
- CAS No. 13877-91-3 / beta-Ocimene / Flavis No. 01.018

- CAS No. 4180-23-8 / 1-Methoxy-4-(prop-1(trans)-eny)benzene / Flavis No. 04.010
- CAS No. 4630-07-3 / Valencene / Flavis No. 01.017
- CAS No. 495-62-5 / 1,4(8),12-Bisabolatriene / Flavis No. 01.016
- CAS No. 586-62-9 / Terpinolene / Flavis No. 01.005
- CAS No. 5989-27-5 / d-Limonene / Flavis No. 01.045
- CAS No. 5989-54-8 / l-Limonene / Flavis No. 01.046
- CAS No. 6627-88-9 / 4-Allyl-2,6-dimethoxyphenol / Flavis No. 04.051
- CAS No. 79-92-5 / Camphene / Flavis No. 01.009
- CAS No. 80-56-8 / Pin-2(3)-ene / Flavis No. 01.004
- CAS No. 87-44-5 / beta-Caryophyllene / Flavis No. 01.007
- CAS No. 93-28-7 / Eugenyl acetate / Flavis No. 09.020
- CAS No. 97-53-0 / Eugenol / Flavis No. 04.003
- CAS No. 99-83-2 / alpha-Phellandrene / Flavis No. 01.006
- CAS No. 99-85-4 / gamma-Terpinene / Flavis No. 01.020
- CAS No. 99-86-5 / alpha-Terpinene / Flavis No. 01.019
- CAS No. 99-87-6 / 1-Isopropyl-4-methylbenzene / Flavis No. 01.002

*Corrigendum :*

- E 763; Lasalocid A sodium 15 g/100g (Avatec 15 % cc) [Chickens for fattening; Chickens reared for laying]; *Corrigendum* CS in OJ L 77 24.03.2010 p. 60
- E 763; Lasalocid A sodium 15 g/100g (Avatec 150 G) [Turkeys] ; *Corrigendum* CS in OJ L 77 24.03.2010 p. 60

74<sup>th</sup> edition: published on 6 April 2010

Additions:

- 4a; Digestibility enhancers; 4a12; Preparation of 6-phytase (EC 3.1.3.26) produced by *Trichoderma reesei* (CBS 122001) [Poultry for fattening and breeding other than turkeys for fattening, for poultry for laying and for pigs other than sows] (holder of authorisation Roal Oy); REG. (EU) No 277/2010 of 31 March 2010 in OJ L 86, 01.04.2010, p. 13

Correction:

- Entry corrected : E 763; Lasalocid A sodium 15 g/100g (Avatec 150 G) [Turkeys]

73<sup>rd</sup> edition: published on 16 March 2010

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 1; Binders, anti-caking agents and coagulants; E 565; Lignosulphonates
- CAS No. 10032-13-0 / Hexyl isovalerate / Flavis No. 09.529
- CAS No. 10032-15-2 / Hexyl 2-methylbutyrate / Flavis No. 09.507
- CAS No. 104-76-7 / 2-Ethylhexan-1-ol / Flavis No. 02.082
- CAS No. 105-37-3 / Ethyl propionate / Flavis No. 09.121
- CAS No. 105-54-4 / Ethyl butyrate / Flavis No. 09.039
- CAS No. 105-57-7 / 1,1-Diethoxyethane / Flavis No. 06.001
- CAS No. 105-68-0 / 3-Methylbutyl propionate / Flavis No. 09.136
- CAS No. 106-21-8 / 3,7-Dimethyloctan-1-ol / Flavis No. 02.026
- CAS No. 106-27-4 / 3-Methylbutyl butyrate / Flavis No. 09.055
- CAS No. 106-30-9 / Ethyl heptanoate / Flavis No. 09.093
- CAS No. 106-32-1 / Ethyl octanoate / Flavis No. 09.111

- CAS No. 106-33-2 / Ethyl dodecanoate / Flavis No. 09.099
- CAS No. 106-70-7 / Methyl hexanoate / Flavis No. 09.069
- CAS No. 107-92-6 / Butyric acid / Flavis No. 08.005
- CAS No. 108-64-5 / Ethyl isovalerate / Flavis No. 09.447
- CAS No. 109-19-3 / Butyl isovalerate / Flavis No. 09.449
- CAS No. 109-21-7 / Butyl butyrate / Flavis No. 09.042
- CAS No. 109-52-4 / Valeric acid / Flavis No. 08.007
- CAS No. 109-60-4 / Propyl acetate / Flavis No. 09.002
- CAS No. 109-94-4 / Ethyl formate / Flavis No. 09.072
- CAS No. 110-19-0 / Isobutyl acetate / Flavis No. 09.005
- CAS No. 110-38-3 / Ethyl decanoate / Flavis No. 09.059
- CAS No. 110-39-4 / Octyl butyrate / Flavis No. 09.046
- CAS No. 110-41-8 / 2-Methylundecanal / Flavis No. 05.077
- CAS No. 110-45-2 / 3-Methylbutyl formate / Flavis No. 09.162
- CAS No. 110-62-3 / Pentanal / Flavis No. 05.005
- CAS No. 111-14-8 / Heptanoic acid / Flavis No. 08.028
- CAS No. 111-27-3 / Hexan-1-ol / Flavis No. 02.005
- CAS No. 111-62-6 / Ethyl oleate / Flavis No. 09.192
- CAS No. 111-70-6 / Heptan-1-ol / Flavis No. 02.021
- CAS No. 111-71-7 / Heptanal / Flavis No. 05.031
- CAS No. 111-87-5 / Octan-1-ol / Flavis No. 02.006
- CAS No. 112-05-0 / Nonanoic acid / Flavis No. 08.029
- CAS No. 112-06-1 / Heptyl acetate / Flavis No. 09.022
- CAS No. 112-14-1 / Octyl acetate / Flavis No. 09.007
- CAS No. 112-17-4 / Decyl acetate / Flavis No. 09.009
- CAS No. 112-21-2 / Decanal / Flavis No. 05.010
- CAS No. 112-30-1 / Decan-1-ol / Flavis No. 02.024
- CAS No. 112-44-7 / Undecanal / Flavis No. 05.034
- CAS No. 112-53-8 / Dodecan-1-ol / Flavis No. 02.008
- CAS No. 112-54-9 / Dodecanal / Flavis No. 05.011
- CAS No. 112-66-3 / Dodecyl acetate / Flavis No. 09.010
- CAS No. 112-80-1 / Oleic acid / Flavis No. 08.013
- CAS No. 116-53-0 / 2-Methylbutyric acid / Flavis No. 08.046
- CAS No. 1188-02-9 / 2-Methylheptanoic acid / Flavis No. 08.047
- CAS No. 123-29-5 / Ethyl nonanoate / Flavis No. 09.107
- CAS No. 123-38-6 / Propanal / Flavis No. 05.002
- CAS No. 123-51-3 / Isopentanol / Flavis No. 02.003
- CAS No. 123-66-0 / Ethyl hexanoate / Flavis No. 09.060
- CAS No. 123-72-8 / Butanal / Flavis No. 05.003
- CAS No. 123-86-4 / Butyl acetate / Flavis No. 09.004
- CAS No. 123-92-2 / Isopentyl acetate / Flavis No. 09.024
- CAS No. 124-06-1 / Ethyl tetradecanoate / Flavis No. 09.104
- CAS No. 124-07-2 / Octanoic acid / Flavis No. 08.010
- CAS No. 124-13-0 / Octanal / Flavis No. 05.009

- CAS No. 124-19-6 / Nonanal / Flavis No. 05.025
- CAS No. 140-88-5 / Ethyl acrylate / Flavis No. 09.037
- CAS No. 141-78-6 / Ethyl acetate / Flavis No. 09.001
- CAS No. 142-62-1 / Hexanoic acid / Flavis No. 08.009
- CAS No. 142-92-7 / Hexyl acetate / Flavis No. 09.006
- CAS No. 143-07-7 / Dodecanoic acid / Flavis No. 08.012
- CAS No. 143-08-8 / Nonan-1-ol / Flavis No. 02.007
- CAS No. 143-13-5 / Nonyl acetate / Flavis No. 09.008
- CAS No. 15706-73-7 / Butyl 2-methylbutyrate / Flavis No. 09.519
- CAS No. 2035-99-6 / 3-Methylbutyl octanoate / Flavis No. 09.120
- CAS No. 2050-01-3 / Isopentyl isobutyrate / Flavis No. 09.419
- CAS No. 2177-77-7 / Methyl 2-methylvalerate / Flavis No. 09.549
- CAS No. 2198-61-0 / 3-Methylbutyl hexanoate / Flavis No. 09.070
- CAS No. 2349-07-7 / Hexyl isobutyrate / Flavis No. 09.478
- CAS No. 2396-83-0 / Ethyl hex-3-enoate / Flavis No. 09.191
- CAS No. 2445-77-4 / 2-Methylbutyl isovalerate / Flavis No. 09.531
- CAS No. 25415-62-7 / Pentyl isovalerate / Flavis No. 09.499
- CAS No. 2639-63-6 / Hexyl butyrate / Flavis No. 09.045
- CAS No. 27625-35-0 / Isopentyl 2-methylbutyrate / Flavis No. 09.530
- CAS No. 334-48-5 / Decanoic acid / Flavis No. 08.011
- CAS No. 45019-28-1 / 4-Methylnonanoic acid / Flavis No. 08.062
- CAS No. 503-74-2 / 3-Methylbutyric acid / Flavis No. 08.008
- CAS No. 51115-64-1 / 2-Methylbutyl butyrate / Flavis No. 09.659
- CAS No. 539-82-2 / Ethyl valerate / Flavis No. 09.147
- CAS No. 539-90-2 / Isobutyl butyrate / Flavis No. 09.043
- CAS No. 540-07-8 / Pentyl hexanoate / Flavis No. 09.065
- CAS No. 540-18-1 / Pentyl butyrate / Flavis No. 09.044
- CAS No. 544-63-8 / Tetradecanoic acid / Flavis No. 08.016
- CAS No. 54947-74-9 / 4-Methyloctanoic acid / Flavis No. 08.063
- CAS No. 554-12-1 / Methyl propionate / Flavis No. 09.134
- CAS No. 556-24-1 / Methyl isovalerate / Flavis No. 09.462
- CAS No. 57-10-3 / Hexadecanoic acid / Flavis No. 08.014
- CAS No. 589-59-3 / Isobutyl isovalerate / Flavis No. 09.472
- CAS No. 590-86-3 / 3-Methylbutanal / Flavis No. 05.006
- CAS No. 591-68-4 / Butyl valerate / Flavis No. 09.148
- CAS No. 60-01-5 / Glyceryl tributyrate / Flavis No. 09.211
- CAS No. 623-42-7 / Methyl butyrate / Flavis No. 09.038
- CAS No. 623-70-1 / Ethyl trans-2-butenoate / Flavis No. 09.248
- CAS No. 624-41-9 / 2-Methylbutyl acetate / Flavis No. 09.286
- CAS No. 626-77-7 / Propyl hexanoate / Flavis No. 09.061
- CAS No. 627-90-7 / Ethyl undecanoate / Flavis No. 09.274
- CAS No. 628-97-7 / Ethyl hexadecanoate / Flavis No. 09.193
- CAS No. 6309-51-9 / 3-Methylbutyl dodecanoate / Flavis No. 09.103
- CAS No. 6378-65-0 / Hexyl hexanoate / Flavis No. 09.066

- CAS No. 64-17-5 / Ethanol / Flavis No. 02.078
- CAS No. 64-18-6 / Formic acid / Flavis No. 08.001
- CAS No. 64-19-7 / Acetic acid / Flavis No. 08.002
- CAS No. 659-70-1 / 3-Methylbutyl 3-methylbutyrate / Flavis No. 09.463
- CAS No. 66-25-1 / Hexanal / Flavis No. 05.008
- CAS No. 71-36-3 / Butan-1-ol / Flavis No. 02.004
- CAS No. 71-41-0 / Pentan-1-ol / Flavis No. 02.040
- CAS No. 7452-79-1 / Ethyl 2-methylbutyrate / Flavis No. 09.409
- CAS No. 75-07-0 / Acetaldehyde / Flavis No. 05.001
- CAS No. 77-93-0 / Triethyl citrate / Flavis No. 09.512
- CAS No. 78-83-1 / 2-Methylpropan-1-ol / Flavis No. 02.001
- CAS No. 78-84-2 / 2-Methylpropanal / Flavis No. 05.004
- CAS No. 79-09-4 / Propionic acid / Flavis No. 08.003
- CAS No. 79-20-9 / Methyl acetate / Flavis No. 09.023
- CAS No. 79-31-2 / 2-Methylpropionic acid / Flavis No. 08.006
- CAS No. 868-57-5 / Methyl 2-methylbutyrate / Flavis No. 09.483
- CAS No. 88-09-5 / 2-Ethylbutyric acid / Flavis No. 08.045
- CAS No. 96-17-3 / 2-Methylbutyraldehyde / Flavis No. 05.049
- CAS No. 97-61-0 / 2-Methylvaleric acid / Flavis No. 08.031
- CAS No. 97-62-1 / Ethyl isobutyrate / Flavis No. 09.413
- CAS No. 97-85-8 / Isobutyl isobutyrate / Flavis No. 09.417

Nota :

- The entry grayed in edition 72 is now removed.

72<sup>nd</sup> edition: published on 10 March 2010

Removals:

- 4a; Digestibility enhancers; 4a6; 6-Phytase / EC 3.1.3.26 produced by *Aspergillus oryzae* (DSM 17594) (holder of the authorisation DSM Nutritional Products Ltd represented by DSM Nutritional products Sp. Z o.o.) [Chickens for fattening]; Reg (EC) No 270/2009 of 2 April 2009 in OJ L 091, 03.04.2009, p. 3 was repealed by Reg (EC) No 1088/2009 of 12 November 2009.

71<sup>st</sup> edition: published on 8 March 2010

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additive :

- 5; Coccidiostats and other medicinal substances; E 771; Diclazuril 0,5 g/100 g (Clinacox 0,5 % Premix) Diclazuril 0,2 g/100 g (Clinacox 0,2 % Premix) [Turkeys for fattening];

70<sup>th</sup> edition: published on 15 February 2010

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additive :

- Enzymes 5; Preparation of endo-1,4-beta-xylanase EC 3.2.1.8 produced by *Aspergillus oryzae* (DSM 10287) [Pigs for fattening; Ducks]; Reg. (EC) No 2036/2005 of 14 December 2005 in OJ L 328, 15.12.2005, p. 13.
- The entries grayed in edition 69 are now removed.

69<sup>th</sup> edition: published on 9 February 2010

Additions:

- 3b; Trace elements; 3b5.10; **Manganese** chelate of hydroxy analogue of methionine [Chicken for fattening]; REG (EU) No 103/2010 of 5 February 2010 in OJ L 35, 06.02.2010, p. 1
- 4b; Gut flora stabilisers; 4b1823; *Bacillus subtilis* ATCC PTA-6737 (holder of authorisation Kemin Europa NV) [Chickens for fattening]; Reg. (EU) No 107/2010 of 8 February 2010 in OJ L 36, 09.02.2010, p. 1
- 4d; Other zootechnical additives; 4d800; Potassium diformate (Formi LHS) [Sows]; REG (EU) No 104/2010 of 5 February 2010 in OJ L 35, 06.02.2010, p. 4

Removals:

- Growth promoters; 1; Potassium diformate (Formi LHS) [Sows]; Reg. (EC) No 1200/2005 / Amended by Reg. (EC) No 516/2008 / Amended by Reg. (EU) No 104/2010 in OJ L 195, 27.07.2005, p. 6 / Amended by OJ L 151 11.06.2008, p. 3 / Amended by OJ L 35, 6.02.2010, p. 4. Authorisation replaced by 4d800; Potassium diformate (Formi LHS) [Sows]; REG (EU) No 104/2010.
- Enzymes 5; Preparation of endo-1,4-beta-xylanase EC 3.2.1.8 produced by *Aspergillus oryzae* (DSM 10287) [Pigs for fattening; Ducks]; Reg. (EC) No 2036/2005 of 14 December 2005 in OJ L 328, 15.12.2005, p. 13. Authorization expired 04.01.2010
- Enzymes 37; Preparation of endo-1,4-beta-xylanase EC 3.2.1.8 produced by *Trichoderma longibrachiatum* (ATCC 2105) and subtilisin EC 3.4.21.62 produced by *Bacillus subtilis* (ATCC 2107) [Ducks]; Reg. (EC) No 2036/2005 of 14 December 2005 in OJ L 328, 15.12.2005, p. 13. Authorization expired 04.01.2010
- Enzymes 59; Preparation of endo-1,4-beta-xylanase EC 3.2.1.8 produced by *Trichoderma longibrachiatum* (ATCC 2105), endo-1,3(4)-beta-glucanase EC 3.2.1.6 and alpha-amylase EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553), subtilisin EC 3.4.21.62 produced by *Bacillus subtilis* (ATCC 2107), Polygalacturonase EC 3.2.1.15 produced by *Aspergillus aculeatus* (CBS 589.94) [Ducks; Laying hens]; Reg. (EC) No 2036/2005 of 14 December 2005. Authorization expired 04.01.2010

Amendment:

- Reg. (EC) 1200/2005 Amended by Reg. (EU) No 104/2010 in OJ L 35, 6.02.2010, p. 4 (this amendment concerns only the Growth promoters; 1; Potassium diformate)

Information:

- A letter dated 08.02.2010 about the deadline for submitting the applications for re-evaluations ( **8 November 2010** ) was published on page [http://ec.europa.eu/food/food/animalnutrition/feedadditives/guidelines\\_en.htm](http://ec.europa.eu/food/food/animalnutrition/feedadditives/guidelines_en.htm)

68<sup>th</sup> edition: published on 20 January 2010

Corrigendum:

- 4a; Digestibility enhancers; 4a6; 6-Phytase / EC 3.1.3.26 produced by *Aspergillus oryzae* (DSM 17594) (holder of authorisation DSM Nutritional Products Ltd., represented by DSM Nutritional Products Sp. Z.o.o.) [Piglets (weaned), Pigs for fattening, Poultry for fattening, Poultry for laying]; Reg (EC) No 1088/2009 of 12 November 2009 / Corrigendum ES in O.J. L 14 of 20.01.2010 p. 13;

Information:

- 1, k, Silage; *Pediococcus pentosaceus* DSM 16244. The text "Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for following additives:" is changed to "Following the provisions of Art. 10 § 7 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for following additives:"

67<sup>th</sup> edition: published on 7 January 2010

Addition:

- 4a; Digestibility enhancers; 4a11; Preparation of endo-1,4-beta-xylanase produced by *Trichoderma reesei* (ATCC PTA 5588) [chickens for fattening, laying hens, ducks and turkeys for fattening] (holder of authorisation Danisco Animal Nutrition, Finnfeeds International Limited); REG. (EU) No 9/2010 of 23 December 2009 in OJ L 3, 07.01.2010. p. 10
- 4a; Digestibility enhancers; 4a13; serine protease produced by *Bacillus licheniformis* (DSM 19670) [chickens for fattening] (holder of authorisation DSM Nutritional Products Ltd, represented by DSM Nutritional Products Sp.Z.o.o); REG. (EU) No 8/2010 of 23 December 2009 in OJ L 3, 07.01.2010. p. 7

66<sup>th</sup> edition: published on 22 December 2009

Additions:

- Enzyme E 1620; Preparation of endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase / EC 3.2.1.4 produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase / EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553), bacillolysin / EC 3.4.24.28 produced by *Bacillus amyloliquefaciens* (DSM 9554) and endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma viride* (NIBH FERM BP 4842) [Turkeys for fattening; Piglets (weaned)]; Reg. (EC) No 1270/2009 of 21 December 2009 in OJ L 339, 22.12.2009, p. 28
- Enzyme E 1636; Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma reesei* (CBS 526.94 / EC 3.2.1.6 [Piglets (weaned)]; Reg. (EC) No 1270/2009 of 21 December 2009 in OJ L 339, 22.12.2009, p. 28

Amendment:

- 4a; Digestibility enhancers; 4a 1600; 3-phytase (Natuphos) produced by *Aspergillus niger* (CBS 101.672) [Chickens for fattening; Piglets (weaned); Pigs for fattening]; Reg. (EC) 243/2007 Amended by Reg (EC) No 1269/2009 in OJ L339 22.12.2009, p. 27

65<sup>th</sup> edition: published on 7 December 2009

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 2 a (iii); Carotenoids and xanthophylls; E 161j; Astaxanthin [Salmon; Trout; Ornamental fish]

Nota :

- The entry grayed in edition 64 is now removed.

64<sup>th</sup> edition: published on 25 November 2009

Nota :

- The entry grayed in edition 63 is now removed.

Removals:

*NOTA : The entry is grayed and will be removed in the next edition of the Register.*

- Enzymes 63; Preparation of endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma reesei* (CBS 529.94) and endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Trichoderma reesei* (CBS 526.94) [Turkeys for fattening; Chickens for fattening]; Reg. (EC) No 1811/2005 in OJ L 291, 05.11.2005, p. 12. Authorisation expired 25.11.2009
- Micro-organisms 18; *Enterococcus faecium* CECT 4515 [Chickens for fattening]; Reg. (EC) No 1810/2005 in OJ L 291, 05.11.2005, p. 5. Authorisation expired 25.11.2009

## Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- Enzymes; 11; Preparation of endo-1,4-betaglucanase / EC 3.2.1.4, endo-1,3(4)-betaglucanase / EC 3.2.1.6 and endo-1,4-betaxylanase / EC 3.2.1.8 produced by *Trichoderma longibrachiatum* (ATCC 74 252) [Ducks]; Reg. (EC) No 1811/2005 in OJ L 291, 05.11.2005, p. 12

## 63<sup>rd</sup> edition: published on 17 November 2009

### Additions:

- 4a; Digestibility enhancers; 4a10; Preparation of endo-1,4-beta-xylanase produced by *Trichoderma reesei* (ATCC PTA 5588), subtilisin produced by *Bacillus subtilis* (ATCC 2107) and alpha-amylase produced by *Bacillus amyloliquefaciens* (ATCC 3978) [Chickens for fattening, Ducks, Turkeys for fattening] (holder of authorisation Danisco Animal Nutrition, legal entity Finnfeeds International Limited); Reg (EC) No 1087/2009 of 12 November 2009 in OJ L 297, 13.11.2009, p. 4
- 4a; Digestibility enhancers; 4a6; 6-Phytase / EC 3.1.3.26 produced by *Aspergillus oryzae* (DSM 17594) (holder of authorisation DSM Nutritional Products Ltd., represented by DSM Nutritional Products Sp. Z.o.o.) [Piglets (weaned), Pigs for fattening, Poultry for fattening, Poultry for laying]; Reg (EC) No 1088/2009 of 12 November 2009 in OJ L 297, 13.11.2009, p. 6
- 4a; Digestibility enhancers; 4a62; endo-1,4-betaxylanase produced by *Aspergillus niger* (CBS 109.713) [Chickens for fattening, Ducks] (holder of authorisation BASF SE); Reg. (EC) No 1096/2009 of 16 November 2009 in OJ L 301, 17.11.2009, p. 3
- 4a; Digestibility enhancers; 4a9; Preparation of endo-1,4-beta-xylanase produced by *Trichoderma reesei* (MUCL 49755) and endo-1,3(4)-beta-glucanase produced by *Trichoderma reesei* (MUCL 49754) [chickens for fattening] (holder of authorisation Aveve NV); Reg (EC) No 1091/2009 of 13 November 2009 in OJ L 299, 14.11.2009, p. 6

### Removals:

*NOTA : The entry is grayed and will be removed in the next edition of the Register.*

- Enzymes 62; Endo-1,4-beta-xylanase produced by *Aspergillus niger* (CBS 109.713) / EC 3.2.1.8 [Chickens for fattening]; This authorisation is replaced by 4a62 see Reg. (EC) No 1096/2009 of 16 November 2009 in OJ L 301, 17.11.2009, p. 3

## Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 3; a; Vitamins and provitamins; E 160 a; Beta-carotene

### Correction:

- Entry corrected : 3; a; Vitamins and provitamins; E 160 a; Beta-carotene / (See also category 2; a (iii); Carotenoids and xanthophylls)
- Entry corrected : Enzymes 59 [Turkeys for fattening]

### Corrigendum:

- 3c3.7.2; Guanidinoacetic acid CAS No 352-97-6 [Chickens for fattening]; *Corrigendum* FI published in OJ L 291 of 07.11.2009, p. 43
- Enzymes 59 ; Preparation of endo-1,4-beta-xylanase EC 3.2.1.8 produced by *Trichoderma longibrachiatum* (ATCC 2105), endo-1,3(4)-beta-glucanase EC 3.2.1.6 and alpha-amylase EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553), subtilisin EC 3.4.21.62 produced by *Bacillus subtilis* (ATCC 2107), Polygalacturonase EC 3.2.1.15 produced by *Aspergillus aculeatus* (CBS 589.94) [Turkeys for fattening]; *Corrigendum* FR in OJ L 301 of 17.11.2009, p. 54

62<sup>nd</sup> edition: published on 15 October 2009

Nota :

- The entry grayed in edition 61 is now removed.

#### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 2; a (iii); Carotenoids and xanthophylls; E 160a; Beta-carotene [Canaries]; Reg. (EC) No 880/2004 in OJ L 162, 30.4.2004, p. 68
- 3; a; Vitamins and provitamins; Vitamin B6 / Pyridoxine hydrochloride
- 3; a; Vitamins and provitamins; Vitamin E
- CAS No. 106-44-5 / 4-Methylphenol / Flavis No. 04.028
- CAS No. 108-39-4 / 3-Methylphenol / Flavis No. 04.026
- CAS No. 108-46-3 / Benzene-1,3-diol / Flavis No. 04.047
- CAS No. 108-95-2 / Phenol / Flavis No. 04.041
- CAS No. 123-07-9 / 4-Ethylphenol / Flavis No. 04.022
- CAS No. 2785-89-9 / 4-Ethylguaiaicol / Flavis No. 04.008
- CAS No. 499-75-2 / Carvacrol / Flavis No. 04.031
- CAS No. 576-26-1 / 2,6-Dimethylphenol / Flavis No. 04.042
- CAS No. 7786-61-0 / 2-Methoxy-4-vinylphenol / Flavis No. 04.009
- CAS No. 88-69-7 / 2-Isopropylphenol / Flavis No. 04.044
- CAS No. 89-83-8 / Thymol / Flavis No. 04.006
- CAS No. 90-05-1 / 2-Methoxyphenol / Flavis No. 04.005
- CAS No. 91-10-1 / 2,6-Dimethoxyphenol / Flavis No. 04.036
- CAS No. 93-51-6 / 2-Methoxy-4-methylphenol / Flavis No. 04.007
- CAS No. 95-48-7 / 2-Methylphenol / Flavis No. 04.027
- CAS No. 95-65-8 / 3,4-Dimethylphenol / Flavis No. 04.048

61<sup>st</sup> edition: published on 30 September 2009

#### Removals:

*NOTA : The entry is grayed and will be removed in the next edition of the Register.*

- E 670 a; Vitamin D / 25-hydroxycholecalciferol. This authorisation is replaced by 3a670a; Vitamin D / Stabilised form of 25-hydroxycholecalciferol; CAS number: 63283-36-3 [Chickens for fattening; Turkeys for fattening; Other poultry; Pigs]; Reg. (EC) No 887/2009 of 25 September 2009 in OJ L 254, 26.09.09, p. 68

#### Amendments:

Due to the deletion of additive E 670 a, the following Regulation is *Amended* by Reg. (EC) No 887/2009 of 25 September 2009 in OJ L 254, 26.09.09, p. 68.

- Coccidiostats and other medicinal substances; E 773; Semduramicin sodium (Aviax 5 %) [Chickens for fattening]; Reg. (EC) No 1443/2006 of 29 September 2006
- Enzymes; E 1628; Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma longibrachiatum* (ATCC 2105) [Piglets (Weaned)]; Reg. (EC) No 1443/2006 of 29 September 2006
- Enzymes; E 1639; Preparation of 3-phytase produced by *Hansenula polymorpha* (DSM 15087 [Chickens for fattening; Turkeys for fattening; Laying hens; Piglets; Pigs for fattening; Sows]; Reg. (EC) No 1443/2006 of 29 September 2006

60<sup>th</sup> edition: published on 30 September 2009

Additions:

- 4a; Digestibility enhancers; 4a1711; *Saccharomyces cerevisiae* CNCM I-1077 [Horses] (holder of authorisation Lallemand SAS); Reg. (EC) No 910/2009 of 29 September 2009 in OJ L 257, 30.09.2009, p. 7
- 4d; Other zootechnical additives; 4d1712; *Pediococcus acidilactici* CNCM MA 18/5M [Salmonids; Shrimps] (holder of authorisation Lallemand SAS); Reg. (EC) No 911/2009 of 29.09.2009 in OJ L 257, 30.09.09, p. 10

NOTA : The entries grayed in edition 58 concerning authorisations expired on 30.09.09 are now removed.

59<sup>th</sup> edition: published on 29 September 2009

Additions:

- 3b; Trace elements; 3b8.12; Selenomethionine produced by *Saccharomyces cerevisiae* CNCM I-3399 (Selenised yeast inactivated); Reg. (EC) No 900/2009 of 25 September 2009 in OJ L 256, 29.09.2009, p. 12
- 3c; Amino acids, their salts and analogues; 3c3.7.2; Guanidinoacetic acid CAS No 352-97-6 [Chickens for fattening]; Reg. (EC) No 904/2009 of 28 September 2009 in OJ L 256, 29.09.2009, p. 28
- 4a; Digestibility enhancers; 4a8; Preparation of endo-1,4-beta-xylanase produced by *Trichoderma reesei* (CBS 114044) [Piglets (weaned); chickens for fattening; chickens reared for laying; turkeys for fattening; turkeys reared for breeding] (holder of authorisation Roal Oy); Reg (EC) No 902/2009 of 28 September 2009 in OJ L 256, 29.09.2009, p. 23
- 4b; Gut flora stabilisers; 4b1710; *Saccharomyces cerevisiae* MUCL 39885 [Sows] (holder of the authorisation Prosol SpA); Reg. (EC) No 896/2009 of 25 September 2009 in OJ L 256, 29.09.2009, p. 6
- 4b; Gut flora stabilisers; 4b1830; Preparation of *Clostridium butyricum* MIYAIRI 588 (FERM-P 1467) [chickens for fattening] (holder of authorisation Miyarisan Pharmaceutical Co. Ltd, represented by Mitsui & Co. Deutschland GmbH); Reg. (EC) No 903/2009 of 28 September 2009 in OJ L 256, 29.09.2009, p. 26

Amendments:

The following Regulations are Amended by Reg (EC) No 897/2009 of 25 September 2009 in OJ L 256, 29.09.09, p. 8

- 4b1702; *Saccharomyces cerevisiae* NCYC Sc 47 [Dairy goats and dairy sheep]; Reg. (EC) No 188/2007 of 23 February 2007 in OJ L 57, 24.02.2007, p. 3
- 4b1702; *Saccharomyces cerevisiae* NCYC Sc 47 [Horses]; Reg. (EC) No 186/2007 of 21 February 2007 OJ L 63, 01.03.2007, p. 6
- 4b1702; *Saccharomyces cerevisiae* NCYC Sc 47 [Pigs for fattening]; Reg. (EC) No 209/2008 of 6 March 2008 in OJ L 63, 07.03.2008, p. 3
- E 1702; *Saccharomyces cerevisiae* NCYC Sc 47 [Lambs for fattening]; Reg. (EC) No 1447/2006 of 29 September 2006 ; L 271, 30.09.2006, p. 28

The following Regulation is Amended by Reg (EC) No 899/2009 of 25 September 2009 in OJ L 256, 29.09.09, p. 11

- Regulation (EC) No 1290/2008 as regards the name of the holder of the authorisation of a preparation of *Lactobacillus rhamnosus* (CNCM-I-3698) and *Lactobacillus farciminis* (CNCM-I-3699) (Sorbiflore) [Piglets]

The following Regulation is Amended by Reg (EC) No 905/2009 of 28 September 2009 in OJ L 256, 29.09.09, p. 30

- Regulation (EC) No 537/2007 as regards the name of the holder of the authorisation of the fermentation product of *Aspergillus oryzae* (NRRL 458) (Amaferm)

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additive :

- Micro-organism 15; *Enterococcus faecium* NCIMB 11181 [Chickens for fattening]; Reg. (EC) No 1810/2005 in OJ L 291, 05.11.2005, p. 5

NOTA : The entries grayed in edition 58 concerning authorisations expired on 29.09.09 are now removed.

58<sup>th</sup> edition: published on 28 September 2009

Additions:

- 3a; Vitamins and provitamins; 3a670a; Vitamin D / Stabilised form of 25-hydroxycholecalciferol; CAS number: 63283-36-3 [Chickens for fattening; Turkeys for fattening; Other poultry; Pigs]; Reg. (EC) No 887/2009 of 25 September 2009 in OJ L 254, 26.09.09, p. 68
- 3b; Trace elements; 3b6.10; **Zinc -Zn** chelate of hydroxy analogue of methionine [Chickens for fattening]; Reg. (EC) No 888/2009 of 25 September 2009 in OJ L 254, 26.09.2009, p. 71
- 4a; Digestibility enhancers; 4a1704; *Saccharomyces cerevisiae* CBS 493.94 [Horses]; (holder of authorisation Alltech France); Reg. (EC) No 886/2009 of 25 september 2009 in OJ L 254, 26.09.2009, p. 66

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for the following additives:

- 62; Endo-1,4-beta-xylanase produced by *Aspergillus niger* (CBS 109.713) / EC 3.2.1.8 [Chickens for fattening]; Reg. (EC) No 1458/2005 in OJ L 233, 09.09.2005, p. 3
- E 1710; *Saccharomyces cerevisiae* MUCL 39885 [Dairy cows]; Reg. (EC) No 1520/2007 in OJ L 333 of 20.12.07, p. 54
- E 1710; *Saccharomyces cerevisiae* MUCL 39885 [Cattle for fattening]; Reg. (EC) No 492/2006 in OJ L 89 of 27.03.2006, p. 6

Removals:

*NOTA : The entries are grayed and will be removed in the next edition of the Register.*

- Coccidiostats and other medicinal substances; E 764; Halofuginone hydrobromide 6 g/kg (Stenorol) [Chickens reared for laying] ; authorisation expired 30/9/09
- Coccidiostats and other medicinal substances; E 771; Diclazuril 0,2 g/100 g (Clinacox 0,2 % Premix) [Chickens for fattening] ; authorisation expired 30/9/09
- Enzymes; 54; Preparation of endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase / EC 3.2.1.4 produced by *Trichoderma longibrachiatum* (CBS 592.94), alphaamylase / EC 3.2.1.1 produced by *Bacillus amyloliquefaciens* (DSM 9553) and endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma viride* (NIBH FERM BP 4842) [Laying hens]; authorisation expired 29/9/09
- Enzymes; 60; Preparation of endo-1,4-beta-xylanase / EC 3.2.1.8 produced by *Trichoderma longibrachiatum* (ATCC 2105), endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by *Trichoderma longibrachiatum* (ATCC 2106) [Turkeys for fattening] ; authorisation expired 29/9/09

57<sup>th</sup> edition: published on 3 August 2009

Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for following additive :

- E 1710; *Saccharomyces cerevisiae* MUCL 39885 [Piglets (Weaned)]

56<sup>th</sup> edition: published on 30 June 2009

Corrigendum:

- *Corrigendum* to version DE of Reg (EC) No 379/2009 of 8 May 2009 published in OJ L 168 DE of 30.06.09 p. 56.

#### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for following additives:

- 1, k, Silage; *Pediococcus pentosaceus* DSM 16244
- 1,a, Preservatives; E 236 Formic acid
- E 1700; *Bacillus licheniformis* (DSM 5749), *Bacillus subtilis* (DSM 5750) (In a 1/1 ratio) [Turkeys for fattening; Calves] Reg. (EC) No 600/2005 / Amended by Reg. (EC) No 2028/2006 of 18 December 2006 / Amended by Reg. (EC) No 202/2009 of 16 March 2009
- E 1700; *Bacillus licheniformis* (DSM 5749), *Bacillus subtilis* (DSM 5750) (In a 1/1 ratio) [Sows] Reg. (EC) No 1453/2004 of 16 August 2004
- E 1700; *Bacillus licheniformis* (DSM 5749), *Bacillus subtilis* (DSM 5750) (In a 1/1 ratio) [Pigs for fattening; Piglets]; Reg. (EC) No 2148/2004 of 16 December 2004
- E 1708; *Enterococcus faecium* NCIMB 11181 [Calves; Piglets]; Reg. (EC) No 1333/2004 in OJ L 247, 21.07.2004, p. 11

55<sup>th</sup> edition: published on 24 June 2009

#### Information:

- Information about animal species added or improved for various additives.
- Microorganisms used for production added for various enzymes.

54<sup>th</sup> edition: published on 18 June 2009

#### Information:

- Information about animal species added or improved for various additives.
- Microorganisms used for production added for various enzymes.

53<sup>rd</sup> edition: published on 2 June 2009

#### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for following additives:

- Growth promoters 1; Potassium diformate (Formi LHS) [Sows]

52<sup>nd</sup> edition: published on 28 May 2009

#### Information:

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for following additives:

- E 1601; Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 / Endo-1,4-beta-xylanase / EC 3.2.1.8 [Chickens for fattening]

#### Corrections :

- Entry E 1701; *Bacillus cereus* var. *toyoi* NCIMB 40112/CNCM I -1012 [Turkeys for fattening] corrected. E 1701 changed to.4b1701

51<sup>th</sup> edition: published on 15 May 2009

#### Additions:

- 3c3.7.1.; L-valine with a purity of at least of 98 % (on dry matter) produced by *Escherichia coli* (K-12 AG314) FERM ABP-10640; Reg (EC) No 403/2009 of 14 May 2009 in OJ L 120, 15.05.2009, p. 3

#### Information:

- New functional group is added to category 'technological additives':  
'(m) substances for reduction of the contamination of feed by mycotoxins: substances that can suppress or reduce the absorption, promote the excretion of mycotoxins or modify their mode of action.'  
See Reg. (EC) No 386/2009 of 12 May 2009 amending Regulation (EC) No 1831/2003 of the European Parliament and of the Council as regards the establishment of a new functional group of feed additives, published in OJ L 118 of 13.05.2009, p. 66;

See <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:118:0066:0066:EN:PDF>

Following the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003, an application, in accordance with Article 7, has been submitted for following additives:

- E 772; Narasin 80 g/kg - Nicarbazin 80 g/kg (Maxiban G160) [Chickens for fattening]; Reg. (EC) No 2430/1999 of 16 November 1999 in OJ L 296, 17.11.1999, p. 3
- E 1601; Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 / Endo-1,4-beta-xylanase / EC 3.2.1.8 [Laying hens]; Reg. (EC) No 255/2005 in OJ L 45, 16.02.2005, p. 3

### ***More details?***

See the Health and Consumer Protection Directorate-General Website:

**[http://ec.europa.eu/comm/dgs/health\\_consumer/index\\_en.htm](http://ec.europa.eu/comm/dgs/health_consumer/index_en.htm)**

The Register: **[http://ec.europa.eu/comm/food/food/animalnutrition/feedadditives/registeradditives\\_en.htm](http://ec.europa.eu/comm/food/food/animalnutrition/feedadditives/registeradditives_en.htm)**

European Union legislation on feed additives:

**[http://ec.europa.eu/comm/food/food/animalnutrition/feedadditives/index\\_en.htm](http://ec.europa.eu/comm/food/food/animalnutrition/feedadditives/index_en.htm)**