EN

ANNEX

Identification number of the additive	Name of the holder of authorisation	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
						mg of active substance/kg of complete feedingstuff with a moisture content of 12%			
Category: Sensory additives. Functional group: Flavouring compounds									
2b16056	-	Taurine	*Additive composition* Taurine *Characterisation of the active substance* Taurine Produced by chemical synthesis or protein hidrolysis Purity: min. 98% assay Chemical formula: $C_2H_7O_3NS$ CAS number 107-35-7 FLAVIS No 16.056 *Method of analysis* ([1]) For identification of taurine in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1).	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

			For the determination of taurine in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.					complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b17001	-	Beta-alanine	*Additive composition* Beta-alanine *Characterisation of the active substance* Beta-alanine Produced by chemical synthesis or protein hidrolysis	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions	*[Publication Office insert date 10 years from the date of entry into force of the*

			Purity: min. 97% assay Chemical formula: $C_3H_7O_2N$ CAS number 107-95-9 FLAVIS No 17.001 *Method of analysis* ([1]) For identification of beta-alanine in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1). For the determination of Beta-alanine in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.					shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment,	*Regulation]*

								including breathing protection, safety glasses and gloves.	
2b17002	-	L-Alanine	*Additive composition* *L-Alanine* *Characterisation of the active substance* L-Alanine Produced by chemical synthesis or protein hidrolysis Purity: min. 98.5 % assay Chemical formula: $C_3H_7NO_2$ CAS number 56-41-7 FLAVIS No 17.002 *Method of analysis* ([1]) For identification of L-Alanine in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1). For the determination of L-alanine in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

								operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b17003 3c3.6.1	-	L-Arginine	*Additive composition* L-Arginine *Characterisation of the active substance* L-Arginine Produced by chemical synthesis or protein hidrolysis Purity: min. 98% assay Chemical formula: $C_6H_{14}O_2N_4$ CAS number 74-79-3 FLAVIS No 17.003 *Method of analysis* ([1]) For identification of L-arginine in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1). For the determination of L-arginine in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

								premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b17005	-	L-Aspartic acid	*Additive composition* L-Aspartic acid *Characterisation of the active substance* L-Aspartic acid Produced by chemical synthesis or protein hidrolysis Purity: min. 98% assay Chemical formula: $C_4H_7O_4N$ CAS number 56-84-8 FLAVIS No 17.005 *Method of analysis* ([1]) For identification of L-aspartic acid in premixtures of flavourings: Ion-exchange chromatography with post column	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated:	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

			ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1). For the determination of L-aspartic acid in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.					"Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b17008	-	L-Histidine	*Additive composition* L-Histidine *Characterisation of the active substance* L-Histidine Produced by chemical synthesis or protein	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the	*[Publication Office insert date 10 years from the date of*

			hidrolysis Purity: min. 98% assay Chemical formula: $C_6H_9O_2N_3$ CAS number 71-00-1 FLAVIS No 17.008 *Method of analysis* ([1]) For identification of L-histidine in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1). For the determination of L-histidine in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.					storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with	*entry into force of the Regulation]*

								personal protective equipment, including breathing protection, safety glasses and gloves.	
2b17010	-	D,L-Isoleucine	*Additive composition* D,L-Isoleucine *Characterisation of the active substance* D,L-Isoleucine Produced by chemical synthesis or protein hidrolysis Purity: min. 98% assay Chemical formula: $C_6H_{13}O_2N$ CAS number 443-79-8 FLAVIS No 17.010 *Method of analysis* ([1]) For identification of D,L-isoleucine in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1). For the determination of D, L-isoleucine in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

								operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b17012	-	L-Leucine	*Additive composition* L-Leucine *Characterisation of the active substance* L-Leucine Produced by chemical synthesis or protein hidrolysis Purity: min. 98% assay Chemical formula: $C_6H_{13}O_2N$ CAS number 61-90-5 FLAVIS No 17.012 *Method of analysis* ([1]) For identification of L-leucine in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1). For the determination of L-leucine in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.		-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

								indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b17018	-	L-Phenylalanine	*Additive composition* L-Phenylalanine *Characterisation of the active substance* L-Phenylalanine Produced by chemical synthesis or protein hidrolysis Purity: min. 98% assay Chemical formula: $C_9H_{11}O_2N$ CAS number 63-91-2 FLAVIS No 17.018 *Method of analysis* ([1]) For identification of L-phenylalanine in premixtures of flavourings: Ion-exchange	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

			chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1). For the determination of L-phenylalanine in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.					following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b17019	-	L-Proline	*Additive composition* L-Proline *Characterisation of the active substance* L-Proline	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings.	*[Publication Office insert date 10 years from the*

			Produced by chemical synthesis or protein hidrolysis Purity: min. 98% assay Chemical formula: $C_5H_9O_2N$ CAS number 147-85-3 FLAVIS No 17.019 *Method of analysis* ([1]) For identification of L-proline in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1). For the determination of L-proline in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.					2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and	*date of entry into force of the Regulation]*

								measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b17020	-	D,L-Serine	*Additive composition* D,L-Serine *Characterisation of the active substance* D,L-Serine Produced by chemical synthesis or protein hidrolysis Purity: min. 95% assay Chemical formula: $C_3H_7NO_3$ CAS number 302-84-1 FLAVIS No 17.020 *Method of analysis* ([1]) For identification of D,L-serine in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1). For the determination of D, L-serine in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg.	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

								6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b17022	-	L-Tyrosine	*Additive composition* L-Tyrosine *Characterisation of the active substance* L-Tyrosine Produced by chemical synthesis or protein hidrolysis Purity: min. 98% assay Chemical formula: $C_9H_{11}O_3N$ CAS number 60-18-4 FLAVIS No 17.022 *Method of analysis* ([1]) For identification of L-tyrosine in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1). For the determination of L-tyrosine in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

			the methods of sampling and analysis for the official control of feed.					and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b17027	-	L-Methionine	*Additive composition* L-Methionine *Characterisation of the active substance* L-Methionine Produced by chemical synthesis or protein hidrolysis Purity: min. 98.5% assay Chemical formula: $C_5H_{11}NO_2S$ CAS number 63-68-3 FLAVIS No 17.027 *Method of analysis* ([1])	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

			For identification of L-methionine in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1) For the determination of L-methionine in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.					content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b17028	-	L-Valine	*Additive composition* L-Valine	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the	*[Publica-tion Office*

			Characterisation of the active substance L-Valine Produced by chemical synthesis or protein hidrolysis Purity: min. 98.5% assay Chemical formula: $C_5H_{11}NO_2$ CAS number 72-18-4 FLAVIS No 17.028 *Method of analysis* ([1]) For identification of L-valine in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1). For the determination of L-valine in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.					form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot	*insert date 10 years from the date of entry into force of the Regulation]*

								be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b17033	-	L-Cysteine	*Additive composition* L-Cysteine *Characterisation of the active substance* L-Cysteine Produced by chemical synthesis or protein hidrolysis Purity: min. 98% assay Chemical formula: $C_3H_7O_2NS$ CAS number 52-90-4 FLAVIS No 17.033 *Method of analysis* ([1]) For identification of L-cysteine in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1). For the determination of L-cysteine in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

								content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b920	-	L-Cysteine hydrochloride monohydrate	*Additive composition* L-Cysteine hydrochloride monohydrate *Characterisation of the active substance* L-Cysteine hydrochloride monohydrate Produced by chemical synthesis or protein hidrolysis Purity: min. 98.5% assay Chemical formula: $C_3H_8ClNO_2S \cdot H_2O$ CAS number 7048-04-6 *Method of analysis* ([1]) For identification of L-cysteine hydrochloride monohydrate in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1). For the determination of L-cysteine hydrochloride monohydrate in premixtures and compound feedingstuffs: the method	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg."	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

			established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.					5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b17034	-	Glycine	*Additive composition* Glycine *Characterisation of the active substance* Glycine Produced by chemical synthesis or protein hidrolysis Purity: min. 98% assay Chemical formula: $C_2H_5O_2N$ CAS number 56-40-6	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance of complete feedingstuff with a	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

			FLAVIS No 17.034 *Method of analysis* ([1]) For identification of glycine in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1) For the determination of glycine in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.					moisture content of 12%.shall be: - 20 mg/kg for cats and dogs; - 25 mg/kg for other species and categories. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: - 20 mg/kg for cats and dogs - 25 mg/kg other species and categories." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: - 20 mg/kg for cats and dogs - 25 mg/kg other species and categories. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and	

								measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b621	-	Monosodium glutamate	*Additive composition* Monosodium glutamate *Characterisation of the active substance* Monosodium glutamate Produced by chemical synthesis or protein hidrolysis Purity: min. 99% assay Chemical formula: $C_5H_8NaNO_4 \cdot H_2O$ CAS number 142-47-2 *Method of analysis* ([1]) For identification of monosodium glutamate in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1) For the determination of monosodium glutamate in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed.	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceeds: 25 mg/kg.	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

								6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b620	-	L-Glutamic acid	*Additive composition* L-Glutamic acid *Characterisation of the active substance* L-Glutamic acid Produced by chemical synthesis or protein hidrolysis Purity: min. 98% assay Chemical formula: $C_5H_9O_4N$ CAS number 56-86-0 *Method of analysis* ([1]) For identification of L-glutamic acid in premixtures of flavourings: Ion-exchange chromatography with post column ninhydrin derivatisation (Ph.Eur. 6.6-2.2.56-Method 1) For the determination of L-glutamic acid in premixtures and compound feedingstuffs: the method established in Annex III, part F to Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture of flavourings. 2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg." 5. The functional group, the identification number, the name	*[Publication Office insert date 10 years from the date of entry into force of the Regulation]*

			the official control of feed.					and the added amount of the active substance shall be indicated on the label of the premixtures and on the labelling of feed materials and compound feedingstuffs, if the content of the active substance in complete feedingstuff with a moisture content of 12% exceededs: 25 mg/kg. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
[(1)] = Details of the analytical methods are available at the following address of the Reference Laboratory: https://ec.europa.eu/jrc/en/eurl/feed-additives/evaluation-reports									