

II

(Non-legislative acts)

REGULATIONS

COMMISSION IMPLEMENTING REGULATION (EU) 2023/605

of 9 March 2023

concerning the authorisation of ethyl oleate, nona-2,6-dien-1-ol, pent-2-en-1-ol, trans-2,cis-6-nonadien-1-ol, 2-dodecenal, nona-2(trans),6(cis)-dienal, nona-2,4-dienal, trans-2-nonenal, 2,4-decadienal, hepta-2,4-dienal, deca-2(trans),4(trans)-dienal, dodec-2(trans)-enal, hept-2(trans)-enal, non-2-enal, nona-2(trans),6(trans)-dienal, undec-2(trans)-enal, trans-2-octenal, trans-2-decenal, tr-2, tr-4-nonadienal, tr-2, tr-4-undecadienal, hex-2(trans)-enyl acetate, hex-2-enyl butyrate, oct-1-en-3-one, isopulegol, 4-terpinenol, linalyl butyrate, linalyl formate, linalyl propionate, linalyl isobutyrate, 3-methyl-2-cyclopenten-1-one, methyl 3-oxo-2-pentyl-1-cyclopentylacetate, benzophenone, benzyl cinnamate, ethyl salicylate, 1,2-dimethoxy-4-(prop-1-enyl)-benzene, myrcene and β -ocimene as feed additives for all animal species

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 1831/2003 of the European Parliament and of the Council of 22 September 2003 on additives for use in animal nutrition ⁽¹⁾, and in particular Article 9(2) thereof,

Whereas:

- (1) Regulation (EC) No 1831/2003 provides for the authorisation of additives for use in animal nutrition and for the grounds and procedures for granting such authorisation. Article 10(2) of that Regulation provides for the re-evaluation of additives authorised pursuant to Council Directive 70/524/EEC ⁽²⁾.
- (2) The substances ethyl oleate, nona-2,6-dien-1-ol, pent-2-en-1-ol, trans-2,cis-6-nonadien-1-ol, 2-dodecenal, nona-2(trans),6(cis)-dienal, nona-2,4-dienal, trans-2-nonenal, 2,4-decadienal, hepta-2,4-dienal, deca-2(trans),4(trans)-dienal, dodec-2(trans)-enal, hept-2(trans)-enal, non-2-enal, nona-2(trans),6(trans)-dienal, undec-2(trans)-enal, trans-2-octenal, trans-2-decenal, tr-2, tr-4-nonadienal, tr-2, tr-4-undecadienal, hex-2(trans)-enyl acetate, hex-2-enyl butyrate, oct-1-en-3-one, isopulegol, 4-terpinenol, linalyl butyrate, linalyl formate, linalyl propionate, linalyl isobutyrate, 3-methyl-2-cyclopenten-1-one, methyl 3-oxo-2-pentyl-1-cyclopentylacetate, benzophenone, benzyl cinnamate, ethyl salicylate, 1,2-dimethoxy-4-(prop-1-enyl)-benzene, myrcene and β -ocimene were authorised without a time limit in accordance with Directive 70/524/EEC as feed additives for all animal species. Those substances were subsequently entered in the Register of feed additives as existing products belonging to the functional group of flavouring compounds, in accordance with Article 10(1), point (b), of Regulation (EC) No 1831/2003.
- (3) In accordance with Article 10(2) of Regulation (EC) No 1831/2003 in conjunction with Article 7 thereof, several applications were submitted for the authorisation of the above-mentioned substances as feed additives for all animal species. The applicant requested the additives to be classified in the additive category 'sensory additives' and in the functional group 'flavouring compounds'. The applications were accompanied by the particulars and documents required under Article 7(3) of Regulation (EC) No 1831/2003.

⁽¹⁾ OJ L 268, 18.10.2003, p. 29.⁽²⁾ Council Directive 70/524/EEC of 23 November 1970 concerning additives in feedingstuffs (OJ L 270, 14.12.1970, p. 1).

- (4) The applicant requested the additives to be authorised for use also in water for drinking. However, Regulation (EC) No 1831/2003 does not allow the authorisation of 'flavouring compounds' for use in water for drinking. Therefore, the applicant withdrew the application for water for drinking for all the substances concerned.
- (5) The European Food Safety Authority ('the Authority') concluded in its opinions of 25 April 2012 ⁽³⁾, 13 June 2012 ⁽⁴⁾, 13 November 2012 ⁽⁵⁾, 12 March 2013 ⁽⁶⁾, 1 December 2015 ⁽⁷⁾, 20 April 2016 ⁽⁸⁾, 28 February 2019 ⁽⁹⁾, 10 January 2020 ⁽¹⁰⁾, 28 January 2020 ⁽¹¹⁾ and 23 March 2022 ⁽¹²⁾ that, under the proposed conditions of use, the substances do not have adverse effects on animal health, consumer safety or the environment. In the absence of relevant studies, the Authority could not conclude on the safety for the users when handling the additives concerned, or concluded that the substances should be considered as irritants to skin and eyes and as potential skin and respiratory sensitisers.
- (6) The Authority concluded that all the substances concerned are recognised to flavour food and their function in feed would be essentially the same as that in food. Therefore, no further demonstration of efficacy is considered necessary. It also verified the report on the methods of analysis of the feed additives in feed submitted by the Reference Laboratory set up by Regulation (EC) No 1831/2003.
- (7) The assessment of all the substances concerned shows that the conditions for authorisation, as provided for in Article 5 of Regulation (EC) No 1831/2003, are satisfied. Accordingly, the use of those substances should be authorised. The Commission considers that appropriate protective measures should be taken to prevent adverse effects on human health, in particular as regards the users of the additive.
- (8) Certain conditions should be provided for to allow better control. In particular, a recommended maximum content should be indicated on the label of the additives. Where such content is exceeded, certain information should be indicated on the label of premixtures.
- (9) The fact that the substances concerned are not authorised for use as flavourings in water for drinking does not preclude their use in compound feed which is administered via water.
- (10) Since safety reasons do not require the immediate application of the modifications to the conditions of authorisation of the substances concerned, it is appropriate to provide for a transitional period for the interested parties to prepare themselves to meet the new requirements resulting from the authorisation.
- (11) The measures provided for in this Regulation are in accordance with the opinion of the Standing Committee on Plants, Animals, Food and Feed,

HAS ADOPTED THIS REGULATION:

Article 1

Authorisation

The substances specified in the Annex, belonging to the additive category 'sensory additives' and to the functional group 'flavouring compounds', are authorised as additives in animal nutrition, subject to the conditions laid down in that Annex.

Article 2

Transitional measures

1. The substances specified in the Annex and premixtures containing these substances, which are produced and labelled before 10 October 2023 in accordance with the rules applicable before 10 April 2023 may continue to be placed on the market and used until the existing stocks are exhausted.

⁽³⁾ EFSA Journal 2012;10(5):2678.

⁽⁴⁾ EFSA Journal 2012;10(7):2785.

⁽⁵⁾ EFSA Journal 2012;10(11):2966.

⁽⁶⁾ EFSA Journal 2013;11(4):3169.

⁽⁷⁾ EFSA Journal 2016;14(1):4339.

⁽⁸⁾ EFSA Journal 2016;14(6):4475.

⁽⁹⁾ EFSA Journal 2019;17(3):5654.

⁽¹⁰⁾ EFSA Journal 2020;18(2):6002.

⁽¹¹⁾ EFSA Journal 2020;18(2):6017.

⁽¹²⁾ EFSA Journal 2022;20(4):7249.

2. Compound feed and feed materials containing the substances specified in the Annex, which are produced and labelled before 10 April 2024 in accordance with the rules applicable before 10 April 2023 may continue to be placed on the market and used until the existing stocks are exhausted if they are intended for food-producing animals.
3. Compound feed and feed materials containing the substances specified in the Annex, which are produced and labelled before 10 April 2025 in accordance with the rules applicable before 10 April 2023 may continue to be placed on the market and used until the existing stocks are exhausted if they are intended for non-food producing animals.

Article 3

Entry into force

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 9 March 2023.

For the Commission

The President

Ursula VON DER LEYEN

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
Category: Sensory additives. Functional group: Flavouring compounds								
2b09192	Ethyl oleate	<i>Additive composition</i> Ethyl oleate <i>Characterisation of active substance</i> Ethyl oleate Produced by chemical synthesis Purity: ≥ 60 % Chemical formula: C ₂₀ H ₃₈ O ₂ CAS number: 111-62-6 FLAVIS number: 09.192 <i>Analytical method ⁽¹⁾</i> For the identification of the additive in mixtures of flavourings: — Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protec-tion.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b02049	Nona-2,6-dien-1-ol	<i>Additive composition</i> Nona-2,6-dien-1-ol <i>Characterisation of active substance</i> Nona-2,6-dien-1-ol Produced by chemical synthesis Purity: ≥ 95 % Chemical formula: C₉H₁₆O CAS number: 7786-44-9 FLAVIS number: 02.049 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 1 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b02050	Pent-2-en-1-ol	<i>Additive composition</i> Pent-2-en-1-ol <i>Characterisation of active substance</i> Pent-2-en-1-ol Produced by chemical synthesis Purity: ≥ 95 % Chemical formula: C₅H₁₀O CAS number: 20273-24-9 FLAVIS number: 02.050 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b02231	Trans-2,cis-6-Nonadien-1-ol	<i>Additive composition</i> Trans-2,cis-6-Nonadien-1-ol <i>Characterisation of active substance</i> trans-2,cis-6-Nonadien-1-ol Produced by chemical synthesis Purity: ≥ 92 % Chemical formula: C₉H₁₆O CAS number: 28069-72-9 FLAVIS number: 02.231 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 1 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05037	2-Dodecenal	<i>Additive composition</i> 2-Dodecenal <i>Characterisation of active substance</i> 2-Dodecenal Produced by chemical synthesis Purity: ≥ 93 % Chemical formula: C ₁₂ H ₂₂ O CAS number: 4826-62-4 FLAVIS number: 05.037 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: 'Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.' 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05058	Nona-2 (trans),6(cis)-dienal	<i>Additive composition</i> Nona-2(trans),6(cis)-dienal <i>Characterisation of active substance</i> Nona-2(trans),6(cis)-dienal Produced by chemical synthesis Purity: ≥ 92 % Chemical formula: C₉H₁₄O CAS number: 557-48-2 FLAVIS number: 05.058 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 1 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05071	Nona-2,4-dienal	<i>Additive composition</i> Nona-2,4-dienal <i>Characterisation of active substance</i> Nona-2,4-dienal Produced by chemical synthesis Purity: ≥ 89 % Chemical formula: C₉H₁₄O CAS number: 6750-03-4 FLAVIS number: 05.071 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protec-tion.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05072	Trans-2-nonenal	<i>Additive composition</i> Trans-2-nonenal <i>Characterisation of active substance</i> Trans-2-nonenal Produced by chemical synthesis Purity: ≥ 92 % Chemical formula: C₉H₁₆O CAS number: 18829-56-6 FLAVIS number: 05.072 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protec-tion.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05081	2,4-Decadienal	<i>Additive composition</i> 2,4-Decadienal <i>Characterisation of active substance</i> 2,4-Decadienal Produced by chemical synthesis Purity: ≥ 89 % Chemical formula: C₁₀H₁₆O CAS number: 2363-88-4 FLAVIS number: 05.081 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05084	Hepta-2,4-dienal	<i>Additive composition</i> Hepta-2,4-dienal <i>Characterisation of active substance</i> Hepta-2,4-dienal Produced by chemical synthesis Purity: ≥ 92 % Chemical formula: C₇H₁₀O CAS number: 4313-03-5 FLAVIS number: 05.084 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05140	Deca-2(trans),4 (trans)-dienal	<i>Additive composition</i> Deca-2(trans),4(trans)-dienal <i>Characterisation of active substance</i> Deca-2(trans),4(trans)-dienal Produced by chemical synthesis Purity: ≥ 89 % Chemical formula: C₁₀H₁₆O CAS number: 25152-84-5 FLAVIS number: 05.140 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05144	Dodec-2 (trans)-enal	<i>Additive composition</i> Dodec-2(trans)-enal <i>Characterisation of active substance</i> Dodec-2(trans)-enal Produced by chemical synthesis Purity: ≥ 89 % Chemical formula: C₁₂H₂₂O CAS number: 20407-84-5 FLAVIS number: 05.144 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protec-tion.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05150	Hept-2(trans)-enal	<i>Additive composition</i> Hept-2(trans)-enal <i>Characterisation of active substance</i> Hept-2(trans)-enal Produced by chemical synthesis Purity: ≥ 97 % Chemical formula: C₇H₁₂O CAS number: 18829-55-5 FLAVIS number: 05.150 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05171	Non-2-enal	<i>Additive composition</i> Non-2-enal <i>Characterisation of active substance</i> Non-2-enal Produced by chemical synthesis Purity: ≥ 92 % Chemical formula: C₉H₁₆O CAS number: 2463-53-8 FLAVIS number: 05.171 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05172	Nona-2 (trans),6(trans)-dienal	<i>Additive composition</i> Nona-2(trans),6(trans)-dienal <i>Characterisation of active substance</i> Nona-2(trans),6(trans)-dienal Produced by chemical synthesis Purity: ≥ 97 % Chemical formula: C ₉ H ₁₄ O CAS number: 17587-33-6 FLAVIS number: 05.172 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	- The additive shall be incorporated into the feed in the form of a premixture. - In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. - On the label of the additive, the following shall be indicated: 'Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 1 mg.' - The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. - 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 skin, eye and breathing protec-tion.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05184	Undec-2 (trans)-enal	<i>Additive composition</i> Undec-2(trans)-enal <i>Characterisation of active substance</i> Undec-2(trans)-enal Produced by chemical synthesis Purity: ≥ 95 % Chemical formula: C₁₁H₂₀O CAS number: 53448-07-0 FLAVIS number: 05.184 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protec-tion.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05190	Trans-2-Octenal	<i>Additive composition</i> Trans-2-Octenal <i>Characterisation of active substance</i> Trans-2-Octenal Produced by chemical synthesis Purity: ≥ 92 % Chemical formula: C ₈ H ₁₄ O CAS number: 2548-87-0 FLAVIS number: 05.190 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: 'Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.' 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05191	Trans-2-Decenal	<i>Additive composition</i> Trans-2-Decenal <i>Characterisation of active substance</i> Trans-2-Decenal Produced by chemical synthesis Purity: ≥ 92 % Chemical formula: C₁₀H₁₈O CAS number: 3913-81-3 FLAVIS number: 05.191 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05194	tr-2, tr-4-Nonadienal	<i>Additive composition</i> tr-2, tr-4-Nonadienal <i>Characterisation of active substance</i> tr-2, tr-4-Nonadienal Produced by chemical synthesis Purity: ≥ 89 % Chemical formula: C₉H₁₄O CAS number: 5910-87-2 FLAVIS number: 05.194 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b05196	tr-2, tr-4-Undecadienal	<i>Additive composition</i> tr-2, tr-4-Undecadienal <i>Characterisation of active substance</i> tr-2, tr-4-Undecadienal Produced by chemical synthesis Purity: ≥ 91 % Chemical formula: C₁₁H₁₈O CAS number: 30361-29-6 FLAVIS number: 05.196 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protec-tion.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b09394	Hex-2(trans)-enyl acetate	<i>Additive composition</i> Hex-2(trans)-enyl acetate <i>Characterisation of active substance</i> Hex-2(trans)-enyl acetate Produced by chemical synthesis Purity: ≥ 90 % Chemical formula: C₈H₁₄O₂ CAS number: 2497-18-9 FLAVIS number: 09.394 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b09396	Hex-2-enyl butyrate	<i>Additive composition</i> Hex-2-enyl butyrate <i>Characterisation of active substance</i> Hex-2-enyl butyrate Produced by chemical synthesis Purity: ≥ 90 % Chemical formula: C₁₀H₁₈O₂ CAS number: 53398-83-7 FLAVIS number: 09.396 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protec-tion.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b07081	Oct-1-en-3-one	<i>Additive composition</i> Oct-1-en-3-one <i>Characterisation of active substance</i> Oct-1-en-3-one Produced by chemical synthesis Purity: ≥ 96 % Chemical formula: C₈H₁₄O CAS number: 4312-99-6 FLAVIS number: 07.081 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: — all animal species except cats: 1 mg — cats: 0,6 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protec-tion.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b02067	Isopulegol	<i>Additive composition</i> Isopulegol <i>Characterisation of active substance</i> Isopulegol Produced by chemical synthesis Purity: ≥ 95 % Chemical formula: C₁₀H₁₈O CAS number: 89-79-2 FLAVIS number: 02.067 <i>Analytical method ⁽¹⁾</i> For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: — all animal species except cats: 5 mg — cats: 1 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protec-tion.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b02072	4-Terpinenol	<i>Additive composition</i> 4-Terpinenol <i>Characterisation of active substance</i> 4-Terpinenol Produced by chemical synthesis Purity: ≥ 96 % Chemical formula: C₁₀H₁₈O CAS number: 562-74-3 FLAVIS number: 02.072 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protec-tion.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b09050	Linalyl butyrate	<i>Additive composition</i> Linalyl butyrate <i>Characterisation of active substance</i> Linalyl butyrate Produced by chemical synthesis Purity: ≥ 95 % Chemical formula: C ₁₄ H ₂₄ O ₂ CAS number: 78-36-4 FLAVIS number: 09.050 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: 'Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.' 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protec-tion.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b09080	Linalyl formate	<i>Additive composition</i> Linalyl formate <i>Characterisation of active substance</i> Linalyl formate Produced by chemical synthesis Purity: ≥ 90 % Chemical formula: C₁₁H₁₈O₂ CAS number: 115-99-1 FLAVIS number: 09.080 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b09130	Linalyl propionate	<i>Additive composition</i> Linalyl propionate <i>Characterisation of active substance</i> Linalyl propionate Produced by chemical synthesis Purity: ≥ 92 % Chemical formula: C ₁₃ H ₂₂ O ₂ CAS number: 144-39-8 FLAVIS number: 09.130 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: 'Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.' 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b09423	Linalyl isobutyrate	<i>Additive composition</i> Linalyl isobutyrate <i>Characterisation of active substance</i> Linalyl isobutyrate Produced by chemical synthesis Purity: ≥ 95 % Chemical formula: C₁₄H₂₄O₂ CAS number: 78-35-3 FLAVIS number: 09.423 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protec-tion.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
2b07112	3-Methyl-2-cyclopenten-1-one	<i>Additive composition</i> 3-Methyl-2-cyclopenten-1-one <i>Characterisation of active substance</i> 3-Methyl-2-cyclopenten-1-one Produced by chemical synthesis Purity: ≥ 98 % Chemical formula: C₆H₈O CAS number: 2758-18-1 FLAVIS number: 07.112 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—		1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feedingstuff with a moisture content of 12 %: — animals farmed in marine aquaculture systems: 0,05 mg. — ruminants, non-food producing animals and animals farmed in land-based aquaculture systems: 0,5 mg. — other species or categories of animals: 0,3 mg.’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. On the label of premixtures, of feed materials and of compound feed intended for aquatic species, the following shall be indicated, where applicable: — ‘Intended for animals farmed in marine aquaculture systems’ — ‘Intended for animals farmed in land-based aquaculture systems’	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
							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 skin, eye and breathing protection.	
2b09520	Methyl 3-oxo-2-pentyl-1-cyclopentylacetate	<i>Additive composition</i> Methyl 3-oxo-2-pentyl-1-cyclopentylacetate <i>Characterisation of active substance</i> Methyl 3-oxo-2-pentyl-1-cyclopentylacetate Produced by chemical synthesis Purity: ≥ 85 % Chemical formula: C ₁₃ H ₂₂ O ₃ CAS number: 24851-98-7 FLAVIS number: 09.520 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: 'Recommended maximum content of the active substance per kg of complete feedingstuff with a moisture content of 12 %: — animals farmed in marine aquaculture systems: 0,05 mg — animals farmed in land-based aquaculture systems: 5 mg; — other species: 5 mg.' 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3.	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
							5. On the label of premixtures, of feed materials and of compound feed intended for aquatic species, the following shall be indicated, where applicable: — ‘Intended for animals farmed in marine aquaculture systems’ — ‘Intended for animals farmed in land-based aquaculture systems’ 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 skin, eye and breathing protection.	
2b07032	Benzophenone	<i>Additive composition</i> Benzophenone <i>Characterisation of active substance</i> Benzophenone Produced by chemical synthesis Purity: ≥ 98 % Chemical formula: C ₁₃ H ₁₀ O CAS number: 119-61-9	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feedingstuff with a moisture content of 12 %: — all animal species except chickens for fattening, laying hens and piglets: 1 mg	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
		FLAVIS number: 07.032 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL					— chickens for fattening, laying hens and piglets: 0,5 mg.' 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	
2b09739	Benzyl cinnamate	<i>Additive composition</i> Benzyl cinnamate <i>Characterisation of active substance</i> Benzyl cinnamate Produced by chemical synthesis Purity: ≥ 98 % Chemical formula: C ₁₆ H ₁₄ O ₂ CAS number: 103-41-3	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: 'Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.'	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
		FLAVIS number: 09.739 <i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL					4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	
2b09748	Ethyl salicylate	<i>Additive composition</i> Ethyl salicylate <i>Characterisation of active substance</i> Ethyl salicylate Produced by chemical synthesis Purity: ≥ 98 % Chemical formula: C ₉ H ₁₀ O ₃ CAS number: 118-61-6 FLAVIS number: 09.748	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: 'Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: 5 mg.'	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
		<i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL					4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	
2b04013	1,2-Dimethoxy-4-(prop-1-enyl)-benzene	<i>Additive composition</i> 1,2-Dimethoxy-4-(prop-1-enyl)-benzene <i>Characterisation of active substance</i> 1,2-Dimethoxy-4-(prop-1-enyl)-benzene Produced by chemical synthesis Purity: ≥ 95 % Chemical formula: C ₁₁ H ₁₄ O ₂ CAS number: 93-16-3 FLAVIS number: 04.013	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feedingstuff with a moisture content of 12 %: 5 mg.’	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
		<i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL					4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	
2b01008	Myrcene	<i>Additive composition</i> Myrcene <i>Characterisation of active substance</i> Myrcene Produced by chemical synthesis Purity: ≥ 90 % Chemical formula: C ₁₀ H ₁₆ CAS number: 123-35-3 FLAVIS number: 01.008	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feed-ingstuff with a moisture content of 12 %: — all animal species except cats: 5 mg — cats: 4 mg.’	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
		<i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL					4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	
2b01018	β-Ocimene	<i>Additive composition</i> β-Ocimene <i>Characterisation of active substance</i> β-Ocimene Produced by chemical synthesis Purity: ≥ 80 % Chemical formula: C ₁₀ H ₁₆ CAS number: 13877-91-3 FLAVIS number: 01.018	All animal species	—	—	—	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive, the following shall be indicated: 'Recommended maximum content of the active substance per kg of complete feedingstuff with a moisture content of 12 %: — all animal species except cats: 5 mg — cats: 4 mg.'	10 April 2033

Identification number of the additive	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 additive/kg of complete feedingstuff with a moisture content of 12 %			
		<i>Analytical method</i> ⁽¹⁾ For the identification of the additive in mixtures of flavourings: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL					4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. 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 skin, eye and breathing protection.	

⁽¹⁾ Details of the analytical methods are available at the following address of the Reference Laboratory: https://joint-research-centre.ec.europa.eu/eurl-fa-eurl-feed-additives/eurl-fa-authorisation/eur-l-fa-evaluation-reports_en