



Brussels, **XXX**  
SANTE/11027906/2023 ANNEX CIS  
(POOL/G5/2023/11027906/11027906-  
EN ANNEX CIS.docx)  
[...] (2024) **XXX** draft

ANNEX

**ANNEX**

**to the**

**Commission Implementing Regulation (EU)**

**withdrawing from the market certain feed additives**

## ANNEX

### Feed additives to be withdrawn from the market, as referred to in Article 1

#### PART 1

#### Feed additives to be withdrawn from the market for all animal species and categories

Identification number	Additive	Animal species or category
<b>Flavouring and appetising substances</b>		
<b>Natural products – botanically defined</b>		
	<i>Citrus sinensis</i> (L.) Osbeck = <i>Citrus sinensis</i> (L.) Pers. = <i>Citrus aurantium</i> L. var. <i>dulcis</i> : Folded orange oil CAS 8028-48-6 FEMA 2822, <b>other than</b> the following forms <sup>1</sup> : <ul style="list-style-type: none"><li>- characterised by a non-volatile fraction of 10.5%, a d-Limonene content of 89-96% in the volatile fraction and a perillaldehyde content &lt; 0.3% in the volatile fraction [2b143-f];</li><li>- characterised by a non-volatile fraction of 20.9%, a d-Limonene content of 79-89% in the volatile fraction and a perillaldehyde content &lt; 0.6% in the volatile fraction [2b143-f-i];</li><li>- characterised by a non-volatile fraction of 18%, a d-Limonene content of 85-95% in the volatile fraction and absence of perillaldehyde in the volatile fraction [2b143-f-ii].</li></ul>	All species
	<i>Echinacea angustifolia</i> DC.: Blacksamson echinacea tincture	All species
	<i>Hypericum perforatum</i> L.: St. John's wort tincture CoE 234	All species
	<i>Linum usitatissimum</i> L.: Linseed tincture CoE 263	All species
	<i>Thymus mastichina</i> L.: Spanish marjoram oil CAS 8016-33-9 EINECS 284-294-8	All species

<sup>1</sup> Three forms of folded orange oil [2b143-f, 2b143-f-i and 2b143-f-ii] have been authorised by Commission Implementing Regulation (EU) 2022/1421 of 22 August 2022 concerning the authorisation of expressed orange essential oil, distilled orange essential oil and folded orange oils from *Citrus sinensis* (L.) Osbeck as feed additives for certain animal species (OJ L 218, 23.8.2022, p. 27), ELI: [http://data.europa.eu/eli/reg\\_impl/2022/1421/oj](http://data.europa.eu/eli/reg_impl/2022/1421/oj).

PART 2  
**Feed additives to be withdrawn from the market for certain animal species and categories**

Identification number	Additive	Animal species or category
<b>Preservatives</b>		
E 270	Lactic acid	Ruminants with a non-functional rumen
E 295	Ammonium formate	Laying hens, sows, dairy ruminants, pet and non-food producing animals
E 327	Calcium lactate	Ruminants with a non-functional rumen
<b>Colourants, including pigments</b>		
<b>Other colourants</b>		
E 127	Erythrosine [functional group 2 a (i)]	Ornamental fish and reptiles
<b>Flavouring and appetising substances</b>		
<b>Natural products – botanically defined</b>		
	<i>Anethum graveolens</i> L.: Dill herb essential oil CAS 8006-75-5 FEMA 2383 CoE 42 EINECS 289-790-8	All animal species with the exception of dogs and cats
	<i>Angelica sinensis</i> (Oliv.) Diels: Dong quai tincture	All animal species with the exception of horses, dogs and cats

	<i>Boswellia serrata</i> Roxb. ex Colebr.: Olibanum extract	All animal species with the exception of horses and dogs
	<i>Citrus aurantiifolia</i> (Christm.) Swingle: Distilled lime essential oil	Dogs, cats, ornamental fish and ornamental birds
	<i>Citrus aurantium</i> L.: Petitgrain bigarade essential oil CAS 8014- 17-3 EINECS 283-881-6 FEMA 2855 CoE 136	All animal species with the exception of chickens for fattening, laying hens, turkeys for fattening, pigs for fattening, piglets, lactating sows, calves, dairy cows, cattle for fattening, sheep/goats, horses, rabbits, salmonids, dogs, cats and ornamental fish
	<i>Citrus x aurantium</i> L.: Bitter orange extract	Dogs, cats, ornamental fish and ornamental birds
	<i>Citrus limon</i> (L.) Osbeck: Expressed lemon essential oil	Dogs, cats, ornamental fish and ornamental birds
	<i>Citrus limon</i> (L.) Osbeck: Residual fraction of expressed lemon oil distilled	Dogs, cats, ornamental fish and ornamental birds
	<i>Citrus reticulata</i> Blanco.: Expressed mandarin essential oil	Dogs, cats, ornamental fish and ornamental birds

	<i>Citrus sinensis</i> (L.) Osbeck = <i>Citrus sinensis</i> (L.) Pers. = <i>Citrus aurantium</i> L. var. <i>dulcis</i> : Distilled orange essential oil	Dogs, cats, ornamental fish and ornamental birds
	<i>Citrus sinensis</i> (L.) Osbeck = <i>Citrus sinensis</i> (L.) Pers. = <i>Citrus aurantium</i> L. var. <i>dulcis</i> : Expressed orange essential oil	Dogs, cats, ornamental fish and ornamental birds
	<p><i>Citrus sinensis</i> (L.) Osbeck = <i>Citrus sinensis</i> (L.) Pers. = <i>Citrus aurantium</i> L. var. <i>dulcis</i>: Folded orange oil CAS 8028-48-6 FEMA 2822, in the following forms which have been authorised for certain animal species<sup>2</sup>:</p> <ul style="list-style-type: none"> <li>- characterised by a non-volatile fraction of 10.5%, a d-Limonene content of 89-96% in the volatile fraction and a perillaldehyde content &lt; 0.3% in the volatile fraction;</li> <li>- characterised by a non-volatile fraction of 20.9%, a d-Limonene content of 79-89% in the volatile fraction and a perillaldehyde content &lt; 0.6% in the volatile fraction;</li> <li>- characterised by a non-volatile fraction of 18%, a d-Limonene content of 85-95% in the volatile fraction and absence of perillaldehyde in the volatile fraction.</li> </ul>	<p>- Dogs, cats, ornamental fish and ornamental birds</p> <p>- Dogs, cats, ornamental fish and ornamental birds</p> <p>- Horses, rabbits, dogs, cats, ornamental fish and ornamental birds</p>
	<i>Curcuma longa</i> L.: Turmeric tincture	All animal species with the exception of horses and dogs
	<i>Eleutherococcus senticosus</i> (Rupr. et Maxim.) Maxim.: Taiga root tincture	All animal species with the exception of horses, dogs and cats
	<i>Ferula assa-foetida</i> L.: Asafoetida oil essential oil CAS 9000-04-8 FEMA 2108 CoE 196	All animal species with the exception of

<sup>2</sup> Three forms of folded orange oil [2b143-f, 2b143-f-i and 2b143-f-ii] have been authorised by Commission Implementing Regulation (EU) 2022/1421 of 22 August 2022 concerning the authorisation of expressed orange essential oil, distilled orange essential oil and folded orange oils from *Citrus sinensis* (L.) Osbeck as feed additives for certain animal species (OJ L 218, 23.8.2022, p. 27), ELI: [http://data.europa.eu/eli/reg\\_impl/2022/1421/oj](http://data.europa.eu/eli/reg_impl/2022/1421/oj).

		dogs and cats
	<i>Litsea cubeba</i> (Lour.) Pers.: Litsea berry essential oil CAS 68855-99-2 EINECS 290-018-7 FEMA 3846 CoE 491	All animal species with the exception of chickens for fattening, laying hens, turkeys for fattening, pigs for fattening, piglets, lactating sows, calves, dairy cows, cattle for fattening, sheep/goats, horses, rabbits, salmonids, dogs, cats and ornamental fish
	<i>Panax ginseng</i> C. A. Mey.: Ginseng tincture CoE 318	All animal species with the exception of horses, dogs and cats
	<i>Piper nigrum</i> L.: Black pepper supercritical extract	All animal species with the exception of dogs and cats
	<i>Schisandra chinensis</i> (Turcz.) Baill: Omicha tincture	All animal species with the exception of horses, dogs, cats, poultry and game birds
	<i>Zingiber officinale</i> Roscoe: Ginger oleoresin CoE 489	All animal species with the exception of chickens for fattening, laying hens, turkeys for fattening, piglets, pigs for fattening, sows, dairy cows,

		veal calves (milk replacers), cattle for fattening, sheep and goats, horses, rabbits, fish and pets
	<i>Zingiber officinale</i> Roscoe: Ginger tincture	All animal species with the exception of horses and dogs
<b>Natural products and corresponding synthetic products</b>		
	CAS No. 106-24-1 / Geraniol / Flavis No. 02.012	Marine animals
	CAS No. 104-54-1 / Cinnamyl alcohol / Flavis No. 02.017	Marine animals
	CAS No. 4602-84-0 / 3,7,11-Trimethyldodeca-2,6,10-trien-1-ol / Flavis No. 02.029	Marine animals
	CAS No. 122-97-4 / 3-Phenylpropan-1-ol / Flavis No. 02.031	Marine animals
	CAS No. 106-25-2 / (Z)-Nerol / Flavis No. 02.058	Marine animals
	CAS No. 5392-40-5 / Citral / Flavis No. 05.020	Marine animals
	CAS No. 93-53-8 / 2-Penylpropanal / Flavis No. 05.038	Marine animals
	CAS No. 103-95-7 / 3-(p-Cumenyl)-2-methylpropionaldehyde / Flavis No. 05.045	Marine animals
	CAS No. 101-39-3 / Alpha-Methylcinnamaldehyde / Flavis No. 05.050	Marine animals
	CAS No. 104-53-0 / 3-Phenylpropanal / Flavis No. 05.080	Marine animals
	CAS No. 621-82-9 / Cinnamic acid / Flavis No. 08.022	Marine animals
	CAS No. 105-87-3 / Geranyl acetate / Flavis No. 09.011	Marine animals
	CAS No. 103-54-8 / Cinnamyl acetate / Flavis No. 09.018	Marine animals
	CAS No. 106-29-6 / Geranyl butyrate / Flavis No. 09.048	Marine animals
	CAS No. 103-61-7 / Cinnamyl butyrate / Flavis No. 09.053	Marine animals
	CAS No. 105-86-2 / Geranyl formate / Flavis No. 09.076	Marine animals

	CAS No. 105-90-8 / Geranyl propionate / Flavis No. 09.128	Marine animals
	CAS No. 105-91-9 / Neryl propionate / Flavis No. 09.169	Marine animals
	CAS No. 2142-94-1 / Neryl formate / Flavis No. 09.212	Marine animals
	CAS No. 141-12-8 / Neryl acetate / Flavis No. 09.213	Marine animals
	CAS No. 2345-24-6 / Neryl isobutyrate / Flavis No. 09.424	Marine animals
	CAS No. 103-58-2 / 3-Phenylpropyl isobutyrate / Flavis No. 09.428	Marine animals
	CAS No. 2345-26-8 / Geranyl isobutyrate / Flavis No. 09.431	Marine animals
	CAS No. 140-27-2 / Cinnamyl isovalerate / Flavis No. 09.459	Marine animals
	CAS No. 103-59-3 / Cinnamyl isobutyrate / Flavis No. 09.470	Marine animals
	CAS No. 1191-16-9 / Prenyl acetate / Flavis No. 09.692	Marine animals
	CAS No. 103-36-6 / Ethyl cinnamate / Flavis No. 09.730	Marine animals
	CAS No. 103-26-4 / Methyl cinnamate / Flavis No. 09.740	Marine animals
	CAS No. 7779-65-9 / Isopentyl cinnamate / Flavis No. 09.742	Marine animals
<b>Artificial substances</b>		
E 954(iii)	Sodium saccharin	Piglets