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COMMISSION IMPLEMENTING REGULATION (EU) 2021/1165

of 15 July 2021

authorising certain products and substances for use in organic production and establishing their lists

(Text with EEA relevance)

(OJ L 253, 16.7.2021, p. 13)

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		Official Journal		
		No	page	date
► <u>M1</u>	Commission Implementing Regulation (EU) 2023/121 of 17 January 2023	L 16	24	18.1.2023
► <u>M2</u>	Commission Implementing Regulation (EU) 2023/2229 of 25 October 2023	L 2229	1	26.10.2023
► <u>M3</u>	Commission Implementing Regulation (EU) 2025/973 of 23 May 2025	L 973	1	26.5.2025
► <u>M4</u>	Commission Implementing Regulation (EU) 2025/2501 of 11 December 2025	L 2501	1	12.12.2025

▼B**COMMISSION IMPLEMENTING REGULATION (EU) 2021/1165****of 15 July 2021****authorising certain products and substances for use in organic production and establishing their lists**

(Text with EEA relevance)

*Article 1***Active substances in plant protection products**

For the purposes of point (a) of Article 24(1) of Regulation (EU) 2018/848, only the active substances listed in Annex I to this Regulation may be contained in plant protection products used in organic production as set out in that Annex, provided that those plant protection products:

- (a) have been authorised pursuant to Regulation (EC) No 1107/2009 of the European Parliament and of the Council (¹);
- (b) are used in accordance with the conditions for use as specified in the authorisations of the products containing them, granted by the Member States; and
- (c) are used in compliance with the conditions set out in the Annex to Commission Implementing Regulation (EU) No 540/2011 (²).

*Article 2***Fertilisers, soil conditioners and nutrients**

For the purposes of point (b) of Article 24(1) of Regulation (EU) 2018/848, only the products and substances listed in Annex II to this Regulation may be used in organic production as fertilisers, soil conditioners and nutrients for plant nutrition, litter improvement and enrichment or algae cultivation or husbandry environment of aquaculture animals, provided that they are compliant with the relevant provisions of Union law, in particular with Regulation (EC) No 2003/2003 of the European Parliament and of the Council (³), the relevant applicable Articles of Regulation (EU) 2019/1009 of the European Parliament and of the Council (⁴), Regulation (EC) No 1069/2009 of the European

(¹) Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market (OJ L 309, 24.11.2009, p. 1).

(²) Commission Implementing Regulation (EU) No 540/2011 of 25 May 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the list of approved active substances (OJ L 153, 11.6.2011, p. 1).

(³) Regulation (EC) No 2003/2003 of the European Parliament and of the Council of 13 October 2003 relating to fertilisers (OJ L 304, 21.11.2003, p. 1).

(⁴) Regulation (EU) 2019/1009 of the European Parliament and of the Council of 5 June 2019 laying down rules on the making available on the market of EU fertilising products and amending Regulations (EC) No 1069/2009 and (EC) No 1107/2009 and repealing Regulation (EC) No 2003/2003 (OJ L 170 25.6.2019, p. 1).

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Parliament and of the Council⁽⁵⁾ and Commission Regulation (EU) No 142/2011⁽⁶⁾ and, where applicable, in accordance with national provisions based on Union law.

*Article 3***Non-organic feed material of plant, algal, animal or yeast origin or feed material of microbial or mineral origin**

For the purposes of point (c) of Article 24(1) of Regulation (EU) 2018/848, only the products and substances listed in Part A of Annex III to this Regulation may be used in organic production as non-organic feed material of plant, algal, animal or yeast origin or as feed material of microbial or mineral origin, provided that their use is in accordance with the relevant provisions of Union law, in particular Regulation (EC) No 767/2009 of the European Parliament and of the Council⁽⁷⁾ and, where applicable, in accordance with national provisions based on Union law.

*Article 4***Feed additives and processing aids**

For the purposes of point (d) of Article 24(1) of Regulation (EU) 2018/848, only the products and substances listed in Part B of Annex III to this Regulation may be used in organic production as feed additives and processing aids used in animal nutrition, provided that their use is in accordance with the relevant provisions of Union law, in particular Regulation (EC) No 1831/2003 of the European Parliament and of the Council⁽⁸⁾ and, where applicable, in accordance with national provisions based on Union law.

⁽⁵⁾ Regulation (EC) No 1069/2009 of the European Parliament and of the Council of 21 October 2009 laying down health rules as regards animal by-products and derived products not intended for human consumption and repealing Regulation (EC) No 1774/2002 (OJ L 300, 14.11.2009, p. 1).

⁽⁶⁾ Commission Regulation (EU) No 142/2011 of 25 February 2011 implementing Regulation (EC) No 1069/2009 of the European Parliament and of the Council laying down health rules as regards animal by-products and derived products not intended for human consumption and implementing Council Directive 97/78/EC as regards certain samples and items exempt from veterinary checks at the border under that Directive (OJ L 54, 26.2.2011, p. 1).

⁽⁷⁾ Regulation (EC) No 767/2009 of the European Parliament and of the Council of 13 July 2009 on the placing on the market and use of feed, amending European Parliament and Council Regulation (EC) No 1831/2003 and repealing Council Directive 79/373/EEC, Commission Directive 80/511/EEC, Council Directives 82/471/EEC, 83/228/EEC, 93/74/EEC, 93/113/EC and 96/25/EC and Commission Decision 2004/217/EC (OJ L 229, 1.9.2009, p. 1).

⁽⁸⁾ Regulation (EC) No 1831/2003 of the European Parliament and of the Council of 22 September 2003 on additives for use in animal nutrition (OJ L 268, 18.10.2003, p. 29).

▼B*Article 5***Products for cleaning and disinfection**

1. For the purposes of point (e) of Article 24(1) of Regulation (EU) 2018/848, only the products listed in Part A of Annex IV to this Regulation may be used for the cleaning and disinfection of ponds, cages, tanks, raceways, buildings or installations used for animal production, provided that those products comply with the provisions of Union law, in particular Regulation (EC) No 648/2004 and Regulation (EU) No 528/2012 and, where applicable, in accordance with national provisions based on Union law.

2. For the purposes of point (f) of Article 24(1) of Regulation (EU) 2018/848, only the products listed in Part B of Annex IV to this Regulation may be used for the cleaning and disinfection of buildings and installations used for plant production, including for storage on an agricultural holding, provided that those products comply with the provisions of Union law, in particular Regulation (EC) No 648/2004 and Regulation (EU) No 528/2012 and, where applicable, in accordance with national provisions based on Union law.

3. For the purposes of point (g) of Article 24(1) of Regulation (EU) 2018/848, only the products listed in Part C of Annex IV to this Regulation may be used for cleaning and disinfection in processing and storage facilities, provided that those products comply with the provisions of Union law, in particular Regulation (EC) No 648/2004 and Regulation (EU) No 528/2012 and, where applicable, in accordance with national provisions based on Union law.

4. Pending their inclusion in Part A, B or C of Annex IV to this Regulation, products for cleaning and disinfection referred to in points (e), (f) and (g) of Article 24(1) of Regulation (EU) 2018/848 that were authorised for use in organic production under Regulation (EC) No 834/2007 or under national law prior to the date of application of Regulation (EU) 2018/848 may continue to be used if they comply with the relevant provisions of Union law, in particular Regulation (EC) No 648/2004 and Regulation (EU) No 528/2012 and, where applicable, in accordance with national provisions based on Union law.

*Article 6***Food additives and processing aids**

For the purposes of point (a) of Article 24(2) of Regulation (EU) 2018/848, only the products and substances listed in Part A of Annex V to this Regulation may be used as food additives, including food enzymes to be used as food additives, and processing aids in the production of processed organic food, provided that their use is in accordance with the

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relevant provisions of Union law, in particular Regulation (EC) No 1333/2008 of the European Parliament and of the Council⁽⁹⁾ and, where applicable, in accordance with national provisions based on Union law.

Article 7

Non-organic agricultural ingredients to be used for the production of processed organic food

For the purposes of point (b) of Article 24(2) of Regulation (EU) 2018/848, only the non-organic agricultural ingredients listed in Part B of Annex V to this Regulation may be used for the production of processed organic food, provided that their use is in accordance with the relevant provisions of Union law and, where applicable, in accordance with national provisions based on Union law.

The first paragraph is without prejudice to the detailed requirements for organic production of processed food provided in Section 2 of Part IV of Annex II to Regulation (EU) 2018/848. In particular, the first paragraph shall not apply to non-organic agricultural ingredients that are used as food additives, processing aids or products and substances referred to in point 2.2.2 of Part IV of Annex II to Regulation (EU) 2018/848.

Article 8

Processing aids for the production of yeast and yeast products

For the purposes of point (c) of Article 24(2) of Regulation (EU) 2018/848, only the products and substances listed in Part C of Annex V to this Regulation may be used as processing aids for the production of yeast and yeast products for food and feed, provided that their use is in accordance with the relevant provisions of Union law and, where applicable, in accordance with national provisions based on Union law.

Article 9

Products and substances for use in organic production of wine

For the purposes of point 2.2 of Part VI of Annex II to Regulation (EU) 2018/848, only the products and substances listed in Part D of Annex V to this Regulation may be used for the production and conservation of organic grapevine products as referred to in Part II of Annex VII to Regulation (EU) No 1308/2013, provided that their use is in accordance

⁽⁹⁾ Regulation (EC) No 1333/2008 of the European Parliament and of the Council of 16 December 2008 on food additives (OJ L 354, 31.12.2008, p. 16).

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with the relevant provisions of Union law, in particular within the limits and conditions set out in Regulation (EU) No 1308/2013 and Commission Delegated Regulation (EU) 2019/934⁽¹⁰⁾ and, where applicable, in accordance with national provisions based on Union law.

*Article 10***Procedure to grant specific authorisations for the use of products and substances in certain areas of third countries**

1. Where a control authority or control body recognised under Article 46(1) of Regulation (EU) 2018/848 considers that a product or substance should be granted a specific authorisation for use in a certain area outside the Union due to the specific conditions set out in Article 45(2) of that Regulation, it may request the Commission to carry out an assessment. For that purpose, it shall notify the Commission of a dossier describing the product or substance concerned, giving the reasons for such specific authorisation and explaining why the products and substances authorised under this Regulation are not adequate to be used due to the specific conditions in the relevant area. It shall ensure that the dossier is fit to be made publicly available subject to Union and national legislation of the Member States on data protection.

2. The Commission shall forward the request referred to in paragraph 1 to the Member States and shall publish any such requests.

3. The Commission shall analyse the dossier referred to in paragraph 1. The Commission shall authorise the product or substance in the light of the specific conditions referred to in the dossier only if its analysis concludes, as a whole that:

- (a) such specific authorisation is justified in the area concerned;
- (b) the product or substance described in the dossier complies with the principles laid down in Chapter II, the criteria set out in Article 24(3) and the condition set out in Article 24(5) of Regulation (EU) 2018/848; and
- (c) the use of the product or substance is in accordance with the relevant provisions of Union law, in particular, for active substances contained in plant protection products, with Regulation (EC) No 396/2005 of the European Parliament and of the Council⁽¹¹⁾.

The authorised product or substance shall be included in Annex VI to this Regulation.

⁽¹⁰⁾ Commission Delegated Regulation (EU) 2019/934 of 12 March 2019 supplementing Regulation (EU) No 1308/2013 of the European Parliament and of the Council as regards wine-growing areas where the alcoholic strength may be increased, authorised oenological practices and restrictions applicable to the production and conservation of grapevine products, the minimum percentage of alcohol for by-products and their disposal, and publication of OIV files (OJ L 149, 7.6.2019, p. 1).

⁽¹¹⁾ Regulation (EC) No 396/2005 of the European Parliament and of the Council of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC (OJ L 70, 16.3.2005, p. 1).

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4. When the 2-year period referred to in Article 45(2) of Regulation (EU) 2018/848 expires, the authorisation shall be automatically renewed for another period of 2 years, provided that no new elements are available and no Member State or control authority or control body recognised under Article 46(1) of Regulation (EU) 2018/848 has objected, justifying that the conclusion by the Commission referred to in paragraph 3 need to be reassessed.

▼M3*Article 10a***Procedure to grant specific authorisation for the use of products and substances in the outermost regions of the Union**

1. Where a Member State considers that a product or substance should be granted a specific authorisation for use in an outermost region of the Union due to the specific conditions set out in Article 45(2) of Regulation (EU) 2018/848, it may request the Commission to carry out an assessment. For that purpose, it shall notify the Commission of a dossier describing the product or substance concerned, giving the reasons for such specific authorisation due to the specific conditions set out in Article 45(2) of Regulation (EU) 2018/848 and explaining why the products and substances authorised under this Regulation are not adequate to be used due to the specific conditions in the outermost region concerned. It shall ensure that the dossier is fit to be made publicly available subject to Union and national legislation of the Member States on data protection.

2. The Commission shall publish any requests referred to in paragraph 1.

3. The Commission shall analyse the dossier referred to in paragraph 1. The Commission shall authorise the product or substance in the light of the specific conditions referred to in the dossier only if its analysis concludes, as a whole that:

- (a) such specific authorisation is justified in the outermost region concerned;
- (b) the product or substance described in the dossier complies with the principles laid down in Chapter II, the criteria set out in Article 24(3) and the condition set out in Article 24(5) of Regulation (EU) 2018/848; and
- (c) the use of the product or substance is in accordance with the relevant provisions of Union law, in particular, for active substances contained in plant protection products, with Regulation (EC) No 396/2005.

The authorised product or substance shall be included in Annex VI to this Regulation.

4. When the 2-year period referred to in Article 45(2) of Regulation (EU) 2018/848 expires, the authorisation shall be automatically renewed for another period of 2 years, provided that no new elements are available and no Member State or control authority or control body recognised under Article 46(1) of Regulation (EU) 2018/848 has objected, justifying that the conclusion by the Commission referred to in paragraph 3 needs to be reassessed.

▼B*Article 11***Repeal**

Regulation (EC) No 889/2008 is repealed.

▼M4

However, Annex VII shall continue to apply until 31 December 2027 and Annex IX shall continue to apply until 31 December 2023.

▼B*Article 12***Transitional provisions**

1. For the purposes of Article 5(4) of this Regulation, the products for cleaning and disinfection listed in Annex VII to Regulation (EC) No 889/2008 may continue to be used until ►M4 31 December 2027 ◀ for the cleaning and disinfection of ponds, cages, tanks, raceways, buildings or installations used for animal production, subject to Part D of Annex IV to this Regulation.

2. For the purposes of point (b) of Article 24(2) of Regulation (EU) 2018/848, the non-organic agricultural ingredients listed in Annex IX to Regulation (EC) No 889/2008 may continue to be used for the production of processed organic food until 31 December 2023. Processed organic food that has been produced before 1 January 2024 with those non-organic agricultural ingredients may be placed on the market after that date until the stocks are exhausted.

3. Documentary evidence issued in accordance with Article 68 of Regulation (EC) No 889/2008 prior to 1 January 2022 shall remain valid until the end of its validity period but not beyond 31 December 2022.

*Article 13***Entry into force and application**

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

It shall apply from 1 January 2022.

▼M4

Article 5(1), (2) and (3) shall apply from 1 January 2028.

▼M2

Article 7 shall apply from 1 January 2024.

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

▼B*ANNEX I***Active substances contained in plant protection products authorised for use in organic production as referred to in point (a) of Article 24(1) of Regulation (EU) 2018/848**

The active substances listed in this Annex may be contained in plant protection products used in organic production as set out in this Annex, provided that these plant protection products are authorised pursuant to Regulation (EC) No 1107/2009. These plant protection products shall be used in compliance with the conditions set out in the Annex to Implementing Regulation (EU) No 540/2011 and in accordance with the conditions specified in the authorisations granted by the Member States where they are used. More restrictive conditions for use in organic production are specified in the last column of each table below.

In accordance with Article 9(3) of Regulation (EU) 2018/848, safeners, synergists and co-formulants as components of plant protection products, and adjuvants that are to be mixed with plant protection products shall be allowed for use in organic production, provided that they are authorised pursuant to Regulation (EC) No 1107/2009. The substances in this Annex may only be used for the control of pests as defined in Article 3(24) of Regulation (EU) 2018/848.

In accordance with point 1.10.2 of Part I of Annex II to Regulation (EU) 2018/848, these substances may only be used where plants cannot be adequately protected from pests by measures provided for in point 1.10.1 of that Part I, in particular by the use of biological control agents, such as beneficial insects, mites and nematodes complying with the provisions of Regulation (EU) No 1143/2014 of the European Parliament and of the Council (¹).

For the purposes of this Annex, active substances are divided into following subcategories:

1. Basic substances

Basic substances listed in Part C of the Annex to Implementing Regulation (EU) No 540/2011, from plant or animal origin and based on food as defined in Article 2 of Regulation (EC) No 178/2002 of the European Parliament and of the Council (²) may be used for plant protection in organic production. Such basic substances are marked with an asterisk in the table below. They shall be used in accordance with the uses, conditions and restrictions set in the relevant review reports (³) and taking into account the additional restrictions, if any, in the last column of the table below.

Other basic substances listed in Part C of the Annex to Implementing Regulation (EU) No 540/2011 may be used for plant protection in organic production only when they are listed in the table below. Such basic substances shall be used in accordance with the uses, conditions and restrictions set in the relevant review reports³ and taking into account the additional restrictions, if any, in the right column of the table below.

Basic substances shall not be used as herbicides.

(¹) Regulation (EU) No 1143/2014 of the European Parliament and of the Council of 22 October 2014 on the prevention and management of the introduction and spread of invasive alien species (OJ L 317, 4.11.2014, p. 35).

(²) Regulation (EC) No 178/2002 of the European Parliament and of the Council of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety (OJ L 31, 1.2.2002, p. 1).

(³) Available in the Pesticides Database: <https://ec.europa.eu/food/plant/pesticides/eu-pesticides-database/active-substances/?event=search.as>

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Number and Part of Annex (¹)	CAS	Name	Specific conditions and limits
1C		<i>Equisetum arvense</i> L.*	
▼M2			
2C	70694-72-3	Chitosan hydrochloride (²)	obtained from Aspergillus or organic aquaculture or from sustainable fisheries, as defined in Article 2 of Regulation (EU) No 1380/2013 of the European Parliament and of the Council (²)
▼B			
3C	57-50-1	Sucrose*	
4C	1305-62-0	Calcium Hydroxide	
5C	90132-02-8	Vinegar*	
6C	8002-43-5	Lecithins*	
7C	-	<i>Salix</i> spp. Cortex*	
8C	57-48-7	Fructose*	
9C	144-55-8	Sodium hydrogen carbonate	
10C	92129-90-3	Whey*	
11C	7783-28-0	Diammonium phosphate	only in traps
12C	8001-21-6	Sunflower oil*	
14C	84012-40-8 90131-83-2	<i>Urtica</i> spp. (<i>Urtica dioica</i> extract) (<i>Urtica urens</i> extract)*	
15C	7722-84-1	Hydrogen peroxide	
16C	7647-14-5	Sodium chloride	
17C	8029-31-0	Beer*	
18C	-	Mustard seeds powder*	
▼M3			
19C	14807-96-6	Magnesium hydrogen metasilicate silicate mineral (Talc E 553b)	
▼B			
20C	8002-72-0	Onion oil*	
21C	52-89-1	L-cysteine (E 920)	
22C	8049-98-7	Cow milk*	
23C	-	<i>Allium cepa</i> * L. bulb extract	

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Number and Part of Annex ⁽¹⁾	CAS	Name	Specific conditions and limits
		Other basic substances from plant or animal origin and based on food*	
▼M2	24C	Chitosan*	obtained from Aspergillus or organic aquaculture or from sustainable fisheries, as defined in Article 2 of Regulation (EU) No 1380/2013

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(¹) Listing according to Implementing Regulation (EU) No 540/2011, numbers and which category: Part A active substances deemed to have been approved under Regulation (EC) No 1107/2009, B, active substances approved under Regulation (EC) No 1107/2009, C basic substances, D low-risk active substances and E candidates for substitution.

(²) Regulation (EU) No 1380/2013 of the European Parliament and of the Council of 11 December 2013 on the Common Fisheries Policy, amending Council Regulations (EC) No 1954/2003 and (EC) No 1224/2009 and repealing Council Regulations (EC) No 2371/2002 and (EC) No 639/2004 and Council Decision 2004/585/EC (OJ L 354, 28.12.2013, p. 22).

►M1 (³) Commission Regulation (EU) No 231/2012 of 9 March 2012 laying down specifications for food additives listed in Annexes II and III to Regulation (EC) No 1333/2008 of the European Parliament and of the Council (OJ L 83, 22.3.2012, p. 1). ◀

2. Low risk active substances

Low risk active substances, other than micro-organisms, listed in Part D of the Annex to Implementing Regulation (EU) No 540/2011 may be used for plant protection in organic production when they are listed in the table below or elsewhere in this Annex. Such low risk active substances shall be used in accordance with the uses, conditions and restrictions pursuant to Regulation (EC) No 1107/2009 and taking into account the additional restrictions, if any, in the last column of the table below.

Number and Part of Annex ⁽¹⁾	CAS	Name	Specific conditions and limits
2D		COS-OGA	
3D		Cerevisane and other products based on fragments of cells of micro-organisms	Not from GMO origin
5D	10045-86-6	Ferric phosphate (iron (III) orthophosphate)	
12D	9008-22-4	Laminarin	Kelp shall be obtained from organic aquaculture or collected in a sustainable way in accordance with point 2.4 of Part III of Annex II to Regulation (EU) 2018/848
▼M1	16D	CAS not allocated	ABE-IT 56 (components of lysate of <i>Saccharomyces cerevisiae</i> strain DDSF623) not from GMO origin not produced by using growing media of GMO origin
▼M3	19D	23960-07-8	Lavandulyl senecioate

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Number and Part of Annex ⁽¹⁾	CAS	Name	Specific conditions and limits
▼M1			
20 D	10058-44-3	Ferric pyrophosphate	
▼M2			
24D	144-55-8	Sodium hydrogen carbonate	
▼M1			
28 D		Aqueous extract from the germinated seeds of sweet <i>Lupinus albus</i>	
▼M2			
		Other low risk substances from plant or animal origin *	Herbicidal uses not allowed
▼M3			
32D	298-14-6	Potassium hydrogen carbonate	
38D		Straight chain lepidopteran pheromones (acetates)	
39D	98999-15-6	Sheep fat	use as repellent by smell
44D	14808-60-7 and 7631-86-9	Quartz sand Silicon dioxide	

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(⁽¹⁾) Listing according to Implementing Regulation (EU) No 540/2011, numbers and which category: Part A active substances deemed to have been approved under Regulation (EC) No 1107/2009, B, active substances approved under Regulation (EC) No 1107/2009, C basic substances, D low-risk active substances and E candidates for substitution.

3. Micro-organisms

All micro-organisms listed in Parts A, B and D of the Annex to Implementing Regulation (EU) No 540/2011 may be used in organic production, provided that they are not from GMO origin and only when used in accordance with the uses, conditions and restrictions set in the relevant review reports³. Micro-organisms including viruses are biological control agents that are considered as active substances by Regulation (EC) No 1107/2009.

4. Active substances not included in any of the above categories

The active substances as approved pursuant to Regulation (EC) No 1107/2009 and listed in the table below may be used as plant protection products in organic production only when they are used in accordance with the uses, conditions and restrictions pursuant to Regulation (EC) No 1107/2009 and taking into account the additional restrictions, if any, in the right column of the table below.

Number and part of Annex ⁽¹⁾	CAS	Name	Specific conditions and limits
139A	131929-60-7 131929-63-0	Spinosad	
225A	124-38-9	Carbon dioxide	

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Number and part of Annex (1)	CAS	Name	Specific conditions and limits
227A	74-85-1	Ethylene	only on bananas and potatoes; however, it may also be used on citrus as part of a strategy for the prevention of fruit fly damage
230A	i.a. 67701-09-1	Fatty acids	all uses authorised, except herbicide
231A	8008-99-9	Garlic extract (<i>Allium sativum</i>)	
234A	CAS No not allocated CIPAC No 901	Hydrolysed proteins excluding gelatine	
▼M3			
▼B			
220A	1332-58-7	Aluminium silicate (kaolin)	
236A	61790-53-2	Kieselgur (diatomaceous earth)	
▼M3			
▼B			
343A	11141-17-6 84696-25-3	Azadirachtin (Margosa extract)	extracted from Neem tree seeds (<i>Azadirachta indica</i>)
240A	8000-29-1	Citronella oil	all uses authorised, except herbicide
241A	84961-50-2	Clove oil	all uses authorised, except herbicide
242A	8002-13-9	Rape seed oil	all uses authorised, except herbicide
243A	8008-79-5	Spearmint oil	all uses authorised, except herbicide
56A	8028-48-6 5989-27-5	Orange oil	all uses authorised, except herbicide
228A	68647-73-4	Tea tree oil	all uses authorised, except herbicide
246A	8003-34-7	Pyrethrins extracted from plants	
292A	7704-34-9	Sulphur	
294A 295A	64742-46-7 72623-86-0 97862-82-3 8042-47-5	Paraffin oils	

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Number and part of Annex ⁽¹⁾	CAS	Name	Specific conditions and limits
345A	1344-81-6	Lime sulphur (calcium polysulphide)	
44B	9050-36-6	Maltodextrin	
45B	97-53-0	Eugenol	
46B	106-24-1	Geraniol	
47B	89-83-8	Thymol	

▼M3

153B and others		Pheromones and other semio-chemicals	
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10E	20427-59-2	Copper hydroxide	in accordance with Implementing Regulation (EU) No 540/2011 only uses resulting in a total application of maximum 28 kg of copper per hectare over a period of 7 years may be authorised
10E	1332-65-6 1332-40-7	Copper oxychloride	
10E	1317-39-1	Copper oxide	
10E	8011-63-0	Bordeaux mixture	
10E	12527-76-3	Tribasic copper sulphate	

▼M1

40A	52918-63-5	Deltamethrin	only in traps with specific attractants against <i>Bactrocera oleae</i> , <i>Ceratitis capitata</i> and <i>Rhagoletis completa</i>
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5E	91465-08-6	Lambda-cyhalothrin	only in traps with specific attractants against <i>Bactrocera oleae</i> and <i>Ceratitis capitata</i>
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⁽¹⁾ Listing according to Implementing Regulation (EU) No 540/2011, numbers and which category: Part A active substances deemed to have been approved under Regulation (EC) No 1107/2009, B, active substances approved under Regulation (EC) No 1107/2009, C basic substances, D low-risk active substances and E candidates for substitution.

▼B*ANNEX II***Authorised fertilisers, soil conditioners and nutrients referred to in point (b) of Article 24(1) of Regulation (EU) 2018/848**

Fertilisers, soil conditioners and nutrients (⁽¹⁾) listed in this Annex may be used in organic production, provided that they are compliant with

- the relevant Union and national legislations on fertilising products, in particular, where applicable, Regulation (EC) No 2003/2003 and Regulation (EU) 2019/1009; and
- Union legislation on animal by-products, in particular Regulation (EC) No 1069/2009 and Regulation (EU) No 142/2011, in particular Annexes V and XI.

In accordance with point 1.9.6 of Part I of Annex II to Regulation (EU) 2018/848, preparations of micro-organisms may be used to improve the overall condition of the soil or to improve the availability of nutrients in the soil or in the crops.

They may only be used according to the specifications and restrictions of use of those respective Union and national legislations. More restrictive conditions for use in organic production are specified in the right column of the tables.

Name Compound products or products containing only materials listed hereunder	Description, specific conditions and limits
Farmyard manure	product comprising a mixture of animal excrements and vegetable matter (animal bedding and feed material) factory farming origin forbidden
Dried farmyard manure and dehydrated poultry manure	factory farming origin forbidden
Composted animal excrements, including poultry manure and composted farmyard manure included	factory farming origin forbidden
Liquid animal excrements	use after controlled fermentation and/or appropriate dilution factory farming origin forbidden
▼M2	product obtained from separate bio-waste collection at source, which has been submitted to composting or to anaerobic fermentation for biogas production only vegetable and animal bio-waste only when produced in a closed and monitored collection system, accepted by the Member State maximum concentrations in mg/kg of dry matter: cadmium: 0,7; copper: 70; nickel: 25; lead: 45; zinc: 200; mercury: 0,4; chromium (total): 70; chromium (VI): not detectable
▼B	use limited to horticulture (market gardening, floriculture, arboriculture, nursery)
Mushroom culture wastes	the initial composition of the substrate shall be limited to products of this Annex

(¹) Covering in particular all the product function categories listed in Part I of Annex I to Regulation (EU) 2019/1009.

▼B

Name Compound products or products containing only materials listed hereunder	Description, specific conditions and limits
<i>Dejecta of worms (vermicompost) and insect frass-substrate mixture</i>	where relevant in accordance with Regulation (EC) No 1069/2009
Guano	
Composted or fermented mixture of vegetable matter	product obtained from mixtures of vegetable matter, which have been submitted to composting or to anaerobic fermentation for biogas production
Biogas digestate containing animal by-products co-digested with material of plant or animal origin as listed in this Annex	animal by-products (including by-products of wild animals) of category 3 and digestive tract content of category 2 (categories as defined in Regulation (EC) No 1069/2009) factory farming origin forbidden the processes have to be in accordance with Regulation (EU) No 142/2011 not to be applied to edible parts of the crop
Products or by-products of animal origin as below: Blood meal Hoof meal Horn meal Bone meal or degelatinised bone meal Fish meal Meat meal Feather, hair and skin meal ('chiquette') Wool Fur (1) Hair Dairy products Hydrolysed proteins (2)	(1) Maximum concentration in mg/kg of dry matter of chromium (VI): not detectable (2) Not to be applied to edible parts of the crop

▼M3

Products and by-products of plant origin	e.g., oilseed cake meal, cocoa husks, malt culms
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▼B

Hydrolysed proteins of plant origin	
Algae and algae products	as far as directly obtained by: (i) physical processes including dehydration, freezing and grinding (ii) extraction with water or aqueous acid and/ or alkaline solution (iii) fermentation only from organic or collected in a sustainable way in accordance with point 2.4 of Part III of Annex II to Regulation (EU) 2018/848
Sawdust and wood chips	wood not chemically treated after felling
Composted bark	wood not chemically treated after felling
Wood ash	from wood not chemically treated after felling

▼B

Name Compound products or products containing only materials listed hereunder	Description, specific conditions and limits
Soft ground rock phosphate	<p>product obtained by grinding soft mineral phosphates and containing tricalcium phosphate and calcium carbonate as essential ingredients</p> <p>minimum content of nutrients (percentage by weight):</p> <p>25 % P₂O₅</p> <p>phosphorus expressed as P₂O₅ soluble in mineral acids, at least 55 % of the declared content of P₂O₅ being soluble in 2 % formic acid</p> <p>particle size:</p> <ul style="list-style-type: none"> — at least 90 % by weight able to pass through a sieve with a mesh of 0,063 mm — at least 99 % by weight able to pass through a sieve with a mesh of 0,125 mm <p>until 15 July 2022, cadmium content less than or equal to 90 mg/kg of P₂O₅;</p> <p>from 16 July 2022, the relevant limits for contaminants set in Regulation (EU) 2019/1009 apply</p>
Aluminium-calcium phosphate	<p>product obtained in amorphous form by heat treatment and grinding, containing aluminium and calcium phosphates as essential ingredients</p> <p>minimum content of nutrients (percentage by weight):</p> <p>30 % P₂O₅</p> <p>phosphorus expressed as P₂O₅ soluble in mineral acids, at least 75 % of the declared content of P₂O₅ being soluble in alkaline ammonium citrate (Joulie)</p> <p>particle size:</p> <ul style="list-style-type: none"> — at least 90 % by weight able to pass through a sieve with a mesh of 0,160 mm — at least 98 % by weight able to pass through a sieve with a mesh of 0,630 mm <p>until 15 July 2022, cadmium content less than or equal to 90 mg/kg of P₂O₅;</p> <p>from 16 July 2022, the relevant limits for contaminants set in Regulation (EU) 2019/1009 apply</p> <p>use limited to basic soils (pH > 7,5)</p>
Basic slag (Thomas phosphates or Thomas slag)	<p>product obtained in iron-smelting by treatment of the phosphorus melts and containing calcium silicophosphates as its essential ingredients</p> <p>minimum content of nutrients (percentage by weight):</p> <p>12 % P₂O₅</p> <p>phosphorus expressed as phosphorus pentoxide soluble in mineral acids, at least 75 % of the declared content of phosphorus pentoxide being soluble in 2 % citric acid</p>

▼B

Name Compound products or products containing only materials listed hereunder	Description, specific conditions and limits
	<p>or</p> <p>10 % P₂O₅ phosphorus expressed as phosphorus pentoxide soluble in 2 % citric acid</p> <p>particle size:</p> <ul style="list-style-type: none"> — at least 75 % able to pass through a sieve with a mesh of 0,160 mm — at least 96 % able to pass through a sieve with a mesh of 0,630 mm <p>from 16 July 2022, the relevant limits for contaminants set in Regulation (EU) 2019/ 1009 apply</p>
Crude potassium salt	<p>product obtained from crude potassium salts minimum content of nutrients (percentage by weight):</p> <p>9 % K₂O potassium expressed as water- soluble K₂O 2 % MgO magnesium in the form of water- soluble salts, expressed as magnesium oxide</p> <p>from 16 July 2022, the relevant limits for contaminants set in Regulation (EU) 2019/ 1009 apply</p>
Potassium sulphate, possibly containing magnesium salt	product obtained from crude potassium salt by a physical extraction process, containing possibly also magnesium salts
Stillage and stillage extract	ammonium stillage excluded
Calcium carbonate, for instance: chalk, marl, ground limestone, Breton ameliorant (maerl), phosphate chalk	only of natural origin
Mollusc waste	only from organic aquaculture or from sustainable fisheries, in accordance with Article 2 of Regulation (EU) No 1380/2013
Egg shells	factory farming origin forbidden
Magnesium and calcium carbonate	<p>only of natural origin</p> <p>e.g. magnesian chalk, ground magnesium, limestone</p>
Magnesium sulphate (kieserite)	only of natural origin
Calcium chloride solution	only for foliar treatment of apple trees, to prevent deficit of calcium

▼B

Name Compound products or products containing only materials listed hereunder	Description, specific conditions and limits
Calcium sulphate (gypsum)	<p>product of natural origin containing calcium sulphate at various degrees of hydration</p> <p>minimum content of nutrients (percentage per weight):</p> <p>25 % CaO</p> <p>35 % SO₃</p> <p>calcium and sulphur expressed as total CaO + SO₃</p> <p>fineness of grind:</p> <ul style="list-style-type: none"> — at least 80 % to pass through a sieve with a 2 mm mesh width, — at least 99 % to pass through a sieve with a 10 mm mesh width <p>from 16 July 2022, the relevant limits for contaminants set in Regulation (EU) 2019/1009 apply</p>
Industrial lime from sugar production	by-product of sugar production from sugar beet and sugar cane
Industrial lime from vacuum salt production	by-product of the vacuum salt production from brine found in mountains
Elemental sulphur	<p>until 15 July 2022: as listed in accordance with Part D of Annex I to Regulation (EC) No 2003/2003</p> <p>from 16 July 2022, the relevant limits for contaminants set in Regulation (EU) 2019/1009 apply</p>
Inorganic Micronutrient Fertilisers	<p>until 15 July 2022: as listed in accordance with Part E of Annex I to Regulation (EC) No 2003/2003;</p> <p>from 16 July 2022, the relevant limits for contaminants set in Regulation (EU) 2019/1009 apply</p>
Sodium chloride	
▼M3	<p>Stone meal, sand of natural origin, clays and clay minerals</p> <p>e.g., perlite, sand and vermiculite, including when heat treated,</p> <p>perlite, sand and vermiculite, including when heat treated, may also be used for sprouted seeds production as an inert medium as referred to in Part I, point 1.3(a), of Annex II to Regulation (EU) 2018/848</p>
▼B	
Leonardite (Raw organic sediment rich in humic acids)	only if obtained as a by-product of mining activities
Humic and fulvic acids	only if obtained by inorganic salts/solutions excluding ammonium salts; or obtained from drinking water purification
Xylite	only if obtained as a by-product of mining activities (e.g. by-product of brown coal mining)

▼B

Name Compound products or products containing only materials listed hereunder	Description, specific conditions and limits
Chitin (Polysaccharide obtained from the shell of crustaceans)	obtained from organic aquaculture or from sustainable fisheries, in accordance with Article 2 of Regulation (EU) No 1380/2013
Organic ⁽¹⁾ rich sediment from fresh water bodies formed under exclusion of oxygen (e.g. sapropel)	<p>only organic sediments that are by-products of fresh water body management or extracted from former freshwater areas</p> <p>when applicable, extraction should be done in a way to cause minimal impact on the aquatic system</p> <p>only sediments derived from sources free from contaminations of pesticides, persistent organic pollutants and petrol like substances</p> <p>until 15 July 2022: maximum concentrations in mg/kg of dry matter: cadmium: 0,7; copper: 70; nickel: 25; lead: 45; zinc: 200; mercury: 0,4; chromium (total): 70; chromium (VI): not detectable</p> <p>from 16 July 2022, the relevant limits for contaminants set in Regulation (EU) 2019/ 1009 apply</p>
Biochar – pyrolysis product made from a wide variety of organic materials of plant origin and applied as a soil conditioner	<p>only from plant materials, when treated after harvest only with products included in Annex I</p> <p>until 15 July 2022: maximum value of 4 mg polycyclic aromatic hydro-carbons (PAHs) per kg dry matter (DM)</p> <p>from 16 July 2022, the relevant limits for contaminants set in Regulation (EU) 2019/ 1009 apply</p>

▼M1

Recovered struvite and precipitated phosphate salts	<p>products must meet the requirements laid down in Regulation (EU) 2019/1009</p> <p>animal manure as source material cannot have factory farming origin</p>
Sodium nitrate	only for algae production on land in closed systems
Potassium chloride (muriate of potash)	only of natural origin

▼M2

Selenium salts	only in case of deficiency in the soils used for animal rearing, and/or grazing or for the production of feed crops
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▼B

Name Compound products or products containing only materials listed hereunder	Description, specific conditions and limits
▼M3	
Carbon dioxide	<p>use for enrichment of water for algae production on land in closed systems; in this case, carbon dioxide shall be of food grade</p> <p>when available, carbon dioxide shall be obtained as a by-product of other processes or from renewable sources pursuant to Directive (EU) 2018/2001 of the European Parliament and of the Council⁽³⁾</p> <p>may also be used in greenhouse production</p>
Calcium acetate	<p>only for foliar application on vegetables in greenhouses and on apple trees to prevent deficiency in calcium</p> <p>obtained from calcium carbonate of natural origin</p>
Calcium phosphate	<p>only when derived from sewage sludge ash</p> <p>only products complying with the requirements of Regulation (EU) 2019/1009</p>
Plant fibre mats	<p>plant-based fibres, such as hemp fibre, flax fibre, coconut fibre</p> <p>with no addition of any fertiliser, soil conditioner or nutrient nor additives or binders, only mechanically manufactured</p> <p>only for sprouted seeds production as an inert medium referred to in Part I, point 1.3(a), of Annex II to Regulation (EU) 2018/848</p> <p>when available, materials from organic production shall be used</p>
Calcium and magnesium gluconate	derived from microbial fermentation

▼B

(¹) Here ‘organic’ is used in the sense of organic chemistry, not organic farming

(²) Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives (OJ L 312, 22.11.2008, p. 3).

(³) Directive (EU) 2018/2001 of the European Parliament and of the Council of 11 December 2018 on the promotion of the use of energy from renewable sources (OJ L 328, 21.12.2018, p. 82, ELI: <http://data.europa.eu/eli/dir/2018/2001/oj>).

▼B*ANNEX III***Authorised products and substances for use as feed or in feed production****PART A****Authorised non-organic feed material of plant, algal, animal or yeast origin or feed material of microbial or mineral origin referred to in point (c) of Article 24(1) of Regulation (EU) 2018/848****(1) FEED MATERIALS OF MINERAL ORIGIN**

Number in feed catalogue (1)	Name	Specific conditions and limits
11.1.1	Calcium carbonate	
11.1.2	Calcareous marine shells	
11.1.4	Maerl	
11.1.5	Lithothamn	
▼M3		
11.1.6	Calcium chloride	may only be used as 'feed intended for particular nutritional purposes' defined in Article 3(2), point (o), of Regulation (EC) No 767/2009 for the reduction of the risk of milk fever and subclinical hypocalcaemia in accordance with Part B, table entry '60', of the Annex to Commission Regulation (EU) 2020/354 (2), including bolus formulation calcium chloride when purified from naturally occurring brine, if available only for dairy cows in need and for a limited period
▼B		
11.1.13	Calcium gluconate	
11.2.1	Magnesium oxide	
11.2.4	Magnesium sulphate anhydrous	
11.2.6	Magnesium chloride	
11.2.7	Magnesium carbonate	
11.3.1	Dicalcium phosphate	
▼M1		
11.3.2	Monodicalcium phosphate	
▼B		
11.3.3	Monocalcium phosphate	
11.3.5	Calcium-magnesium phosphate	
11.3.8	Magnesium phosphate	
11.3.10	Monosodium phosphate	
11.3.16	Calcium sodium phosphate	

▼B

Number in feed catalogue ⁽¹⁾	Name	Specific conditions and limits
11.3.17	Monoammonium phosphate (Ammonium dihydrogen orthophosphate)	only for aquaculture
▼M1		
11.3.19	Pentasodium triphosphate (STPP)	only for pet food
11.3.27	Disodium dihydrogen diphosphate (SAPP)	only for pet food
▼B		
11.4.1	Sodium chloride	
11.4.2	Sodium bicarbonate	
11.4.4	Sodium carbonate	
11.4.6	Sodium sulphate	
11.5.1	Potassium chloride	

⁽¹⁾ In accordance with Commission Regulation (EU) No 68/2013 of 16 January 2013 on the Catalogue of feed materials (OJ L 29, 30.1.2013, p. 1).

⁽²⁾ Commission Regulation (EU) 2020/354 of 4 March 2020 establishing a list of intended uses of feed intended for particular nutritional purposes and repealing Directive 2008/38/EC (OJ L 67, 5.3.2020, p. 1, ELI: <http://data.europa.eu/eli/reg/2020/354/oj>).

(2) OTHER FEED MATERIALS

Number In feed catalogue ⁽¹⁾	Name	Specific conditions and limits
▼M2		
ex 7.1.4	Algal oil	oil obtained by extraction from microalgae through fermentation growing medium for the fermentation process must not be of GMO origin and should be from organic raw materials, if available
▼B		
10	Meal, oil and other feed materials of fish or other aquatic animals origin	provided that they are obtained from fisheries that have been certified as sustainable under a scheme recognised by the competent authority in line with the principles laid down in Regulation (EU) No 1380/2013 provided that they are produced or prepared without chemically synthesised solvents their use is authorised only to non-herbivores livestock the use of fish protein hydrolysate is authorised only for young non-herbivores livestock
10	Meal, oil and other feed materials of fish, mollusc or crustacean origin	for carnivorous aquaculture animals from fisheries that have been certified as sustainable under a scheme recognised by the competent authority in line with the principles laid down in Regulation (EU) No 1380/2013, in accordance with point 3.1.3.1(c) of Part III of Annex II to Regulation (EU) 2018/848

▼B

Number In feed catalogue (¹)	Name	Specific conditions and limits
		derived from trimmings of fish, crustaceans or molluscs already caught for human consumption in accordance with point 3.1.3.3(c) of Part III of Annex II to Regulation (EU) 2018/848, or derived from whole fish, crustaceans or molluscs caught and not used for human consumption in accordance with point 3.1.3.3(d) of Part III of Annex II to Regulation (EU) 2018/848
10	Fishmeal and fish oil	in the grow-out phase, for fish in inland waters, penaeid shrimps and freshwater prawns and tropical freshwater fish from fisheries that have been certified as sustainable under a scheme recognised by the competent authority in line with the principles laid down in Regulation (EU) No 1380/2013, in accordance with point 3.1.3.1(c) of Part III of Annex II to Regulation (EU) 2018/848 only where natural feed in ponds and lake is not available in sufficient quantities, maximum 25 % of fishmeal and 10 % of fish oil in the feed ration of penaeid shrimps and freshwater prawns (<i>Macrobrachium</i> spp.) and maximum 10 % of fishmeal or fish oil in the feed ration of siamese catfish (<i>Pangasius</i> spp.), in accordance with point 3.1.3.4(c)(i) and (ii) of Part III of Annex II to Regulation (EU) 2018/848
▼M1		
12.1.5	Yeast	when not available from organic production
▼M3		
ex 12.1.9	Single cell proteins from <i>Trichoderma viride</i> and <i>Aspergillus oryzae</i>	only from non-GM strain and culture media not obtained from substrates with synthetic nitrogen sources obtained from substrates coming from organic production when used for ruminants and other herbivores when used, antifoaming agents shall be authorised for organic production

▼M3

Number In feed catalogue (1)	Name	Specific conditions and limits
12.1.10	Products from <i>Bacillus subtilis</i> rich in protein	only from non-GM strain and culture media not obtained from substrates with synthetic nitrogen sources obtained from substrates coming from organic production when used for ruminants and other herbivores when used, antifoaming agents shall be authorised for organic production

▼M1

12.1.12	Yeast products	when not available from organic production
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▼M3

ex 13.6.4	Calcium stearate	
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13.11.1	Propylene glycol; [1,2-propanediol]; [propane-1,2-diol]	may only be used as 'feed intended for particular nutritional purposes' defined in Article 3(2), point (o), of Regulation (EC) No 767/2009 for the reduction of the risk of ketosis in accordance with Part B, table entry '61', of the Annex to Regulation (EU) 2020/354, including bolus formulation only for dairy cows, ewes and goats in need and for a limited period
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▼B

	Cholesterol	product obtained from wool grease (lanolin) by saponification, separations and crystallisation, from shellfish or other sources to secure the quantitative dietary needs of penaeid shrimps and freshwater prawns (<i>Macrobrachium</i> spp.) in the grow-out stage and in earlier life stages in nurseries and hatcheries when not available from organic production
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▼B

Number In feed catalogue ⁽¹⁾	Name	Specific conditions and limits
	Herbs	<p>in accordance with point (e)(iv) of Article 24(3) of Regulation (EU) 2018/848, in particular:</p> <ul style="list-style-type: none"> — when not available in organic form — produced/prepared without chemical solvents — maximum 1 % in the feed ration
	Molasses	<p>in accordance with point (e)(iv) of Article 24(3) of Regulation (EU) 2018/848, in particular:</p> <ul style="list-style-type: none"> — when not available in organic form — produced/prepared without chemical solvents — maximum 1 % in the feed ration
	Phytoplankton and zooplankton	<p>only in the larval rearing of organic juveniles</p>
	specific protein compounds	<p>In accordance with point 1.9.3.1(c) and 1.9.4.2(c) of Regulation (EU) 2018/848, in particular:</p> <ul style="list-style-type: none"> — until 31 December 2026, — when not available in organic form, — produced/prepared without chemical solvents, — for feeding piglets of up to 35 kg or young poultry, — maximum 5 % of the dry matter of feed from agricultural origin per period of 12 months
	Spices	<p>in accordance with point (e)(iv) of Article 24(3) of Regulation (EU) 2018/848, in particular:</p> <ul style="list-style-type: none"> — when not available in organic form — produced/prepared without chemical solvents — maximum 1 % in the feed ration

⁽¹⁾ In accordance with Regulation (EU) No 68/2013.

▼B**PART B****Authorised feed additives and processing aids used in animal nutrition referred to in point (d) of Article 24(1) of Regulation (EU) 2018/848**

Feed additives listed in this Part must be authorised under Regulation (EC) No 1831/2003.

The specific conditions set out here are to be applied in addition to the conditions of the authorisations under Regulation (EC) No 1831/2003.

(1) TECHNOLOGICAL ADDITIVES**(a) *Preservatives*****▼M3**

ID number or functional group	Name	Specific conditions and limits
1a200	Sorbic acid	
1k236	Formic acid	
1k237i	Sodium formate	
1a260	Acetic acid	
1a270 1a270i	Lactic acids	
1k280	Propionic acid	
1a282	Calcium propionate	may only be used as 'feed intended for particular nutritional purposes' defined in Article 3(2), point (o), of Regulation (EC) No 767/2009 for the reduction of the risk of milk fever and subclinical hypocalcaemia in accordance with Part B, table entry '60', of the Annex to Regulation (EU) 2020/354, including bolus formulation only for dairy cows in need and for a limited period
1a330	Citric acid	

▼B**(b) *Antioxidants***

ID number or functional group	Name	Specific conditions and limits
1b306(i)	Tocopherol extracts from vegetable oils	
1b306(ii)	Tocopherol-rich extracts from vegetable oils (delta rich)	

▼B(c) *Emulsifiers, stabilisers, thickeners and gelling agents*

ID number or functional group	Name	Specific conditions and limits
▼M3		
1c322, 1c322i	Lecithins	derived from organic raw material from 1 January 2027, only from organic production
▼M1		
E 407	Carrageenan	only for pet food
E 410	Locust bean gum (Carob gum)	only for pet food obtained only from a roasting process from organic production if available
E 414	Acacia (Gum arabic)	only for pet food from organic production if available
E 415	Xanthan gum	
E 412	Guar gum	

▼B(d) *Binders and anti-caking agents*

ID number or functional group	Name	Specific conditions and limits
▼M1		
▼B		
E 535	Sodium ferrocyanide	maximum content: 20 mg/kg NaCl calculated as ferrocyanide anion
E 551b	Colloidal silica	
E 551c	Kieselgur (diatomaceous earth, purified)	
1m558i	Bentonite	
E 559	Kaolinitic clays, free of asbestos	
E 560	Natural mixtures of steatites and chlorite	
E 561	Vermiculite	
E 562	Sepiolite	

▼B

	ID number or functional group	Name	Specific conditions and limits
▼M1			
	E 563	Sepiolitic clay	
▼B			
	E 566	Natrolite-Phonolite	
	1g568	Clinoptilolite of sedimentary origin	
	E 599	Perlite	
▼M1			
	1g599	Illite-montmorillonite-kaolinite	

▼B(e) *Silage additives*

	ID number or functional group	Name	Specific conditions and limits
▼M1	1k	Enzymes, micro-organisms	only authorised to ensure adequate fermentation
	1k236	Formic acid	
	1k237	Sodium formate	
	1k280	Propionic acid	
	1k281	Sodium propionate	

▼M1(f) *substances for reduction of the contamination of feed by mycotoxins*

	ID number or functional group	Name	Specific conditions and limits
	1m558	Bentonite	

▼B

(2) SENSORY ADDITIVES

	ID number or functional group	Name	Specific conditions and limits
	ex2a	Astaxanthin	only when derived from organic sources, such as organic crustacean shells only in the feed ration for salmon and trout within the limit of their physiological needs if no astaxanthin derived from organic sources are available, astaxanthin from natural sources may be used such as Astaxanthin-rich <i>Phaffia rhodozyma</i>
	ex2b	Flavouring compounds	only extracts from agricultural products, including Chestnut extract (<i>Castanea sativa</i> Mill.)

▼B

(3) NUTRITIONAL ADDITIVES

(a) *Vitamins, pro-vitamins and chemically well-defined substances having similar effect*

ID number or functional group	Name	Specific conditions and limits
ex3a	Vitamins and Provitamins	<p>derived from agricultural products</p> <p>if not available from agricultural products:</p> <ul style="list-style-type: none"> — derived synthetically, only those identical to vitamins derived from agricultural products may be used for monogastric animals and aquaculture animals — derived synthetically, only vitamins A, D and E identical to vitamins derived from agricultural products may be used for ruminants; the use is subject to prior authorisation of the Member States based on the assessment of the possibility for organic ruminants to obtain the necessary quantities of the said vitamins through their feed rations
▼M1		
3a370	Taurine	<p>only for cats and dogs</p> <p>not from synthetic origin, if available</p>
3a920	Betaine anhydrous	<p>only for monogastric animals and fish</p> <p>from organic production; if not available, from natural origin</p>

▼B

(b) *Compounds of trace elements*

ID number or functional group	Name	Specific conditions and limits
3b101	Iron(II) carbonate (siderite)	
3b103	Iron(II) sulphate monohydrate	
3b104	Iron(II) sulphate heptahydrate	

▼B

ID number or functional group	Name	Specific conditions and limits
▼M3		
3b105	Iron(II) fumarate	<p>may only be used as 'feed intended for particular nutritional purposes' defined in Article 3(2), point (o), of Regulation (EC) No 767/2009 for compensation of insufficient iron availability after birth in accordance with Part B, table entry '64', of the Annex to Regulation (EU) 2020/354</p> <p>only for suckling piglets in need and for a limited period</p>
▼M2		
3b107	Iron (II) chelate of protein hydrolysates	from organic soy production, if available
▼M3		
3b110	Iron dextran 10 %	<p>may only be used as 'feed intended for particular nutritional purposes' defined in Article 3(2), point (o), of Regulation (EC) No 767/2009 for compensation of insufficient iron availability after birth in accordance with Part B, table entry '64', of the Annex to Regulation (EU) 2020/354</p> <p>growing medium for the fermentation process for dextran shall be of non-GMO origin</p> <p>only for suckling piglets in need and for a limited period</p>
▼B		
3b201	Potassium iodide	
3b202	Calcium iodate, anhydrous	
3b203	Coated granulated calcium iodate anhydrous	
3b301	Cobalt(II) acetate tetrahydrate	
3b302	Cobalt(II) carbonate	
3b303	Cobalt(II) carbonate hydroxide (2:3) monohydrate	
3b304	Coated granulated cobalt(II) carbonate	
3b305	Cobalt(II) sulphate heptahydrate	
3b402	Copper(II) carbonate dihydroxy monohydrate	

▼B

ID number or functional group	Name	Specific conditions and limits
3b404	Copper (II) oxide	
3b405	Copper(II) sulphate pentahydrate	

▼M2

3b407	Copper (II) chelate of protein hydrolysates	from organic soy production, if available
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▼B

3b409	Dicopper chloride trihydroxide	
3b502	Manganese (II) oxide	
3b503	Manganous sulfate, monohydrate	

▼M2

3b505	Manganese chelates of protein hydrolysates	from organic soy production, if available
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▼B

3b603	Zinc oxide	
3b604	Zinc sulphate heptahydrate	
3b605	Zinc sulphate monohydrate	
3b609	Zinc chloride hydroxide monohydrate	

▼M2

3b612	Zinc chelate of protein hydrolysates	from organic soy production, if available
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▼B

3b701	Sodium molybdate dihydrate	
3b801	Sodium selenite	
3b802	Coated granulated sodium selenite	
3b803	Sodium selenite	
3b810	Selenised yeast, <i>Saccharomyces cerevisiae</i> CNCM I-3060, inactivated	

▼M2

3b810i	Selenised yeast <i>Saccharomyces cerevisiae</i> CNCM I-3060, inactivated	
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▼B

3b811	Selenised yeast, <i>Saccharomyces cerevisiae</i> NCYC R397, inactivated	
3b812	Selenised yeast, <i>Saccharomyces cerevisiae</i> CNCM I-3399, inactivated	
3b813	Selenised yeast, <i>Saccharomyces cerevisiae</i> NCYC R646, inactivated	
3b817	Selenised yeast, <i>Saccharomyces cerevisiae</i> NCYC R645 inactivated	

▼B(c) *Amino acids, their salts and analogues*

ID number or functional group	Name		Specific conditions and limits
3c3.5.1 and 3c352	L-histidine monohydrochloride monohydrate		produced through fermentation may be used in the feed ration for salmonids when the feed sources listed in point 3.1.3.3 of Part II of Annex II to Regulation (EU) 2018/848, do not provide a sufficient amount of histidine to meet the dietary needs of the fish

(4) ZOOTECHNICAL ADDITIVES

ID number or functional group	Name		Specific conditions and limits
4a, 4b, 4c and 4d	Enzymes and microorganism		
4d7 and 4d8	Ammonium chloride		only for cats

▼M1

(5) PROCESSING AIDS

For processing aids as defined in Article 2(2), point (h), of Regulation (EC) No 1831/2003, the specific conditions and limits set out in the following table shall apply.

	Name	Specific conditions and limits
Ethanol		to be used only as extraction solvent for the production of protein meals and only when protein meals from mechanical extraction are not available in sufficient quantities only from fermentation if available only from organic production if available
Papain		only for the production of flavouring innards for the manufacture of pet food that are defined in point 18 of Annex I to Regulation (EU) No 142/2011 provided that the enzyme is inactivated during the process and therefore is not present as such in the resulting flavouring innards and does not have any technological effect on the product from 1 January 2027, only from organic raw material

▼B

ANNEX IV

**Authorised products for cleaning and disinfection referred to in points (e),
(f) and (g) of Article 24(1) of Regulation (EU) 2018/848**

PART A

**Products for the cleaning and disinfection of ponds, cages, tanks, raceways,
buildings or installations used for animal production**

PART B

**Products for the cleaning and disinfection of buildings and installations used
for plant production, including for storage on an agricultural holding**

PART C

Products for cleaning and disinfection in processing and storage facilities

PART D

Products referred to in Article 12(1) of this Regulation

The following products or products containing the following active substances as listed in Annex VII to Regulation (EC) No 889/2008 cannot be used as biocidal products:

- caustic soda;
- caustic potash;
- oxalic acid;
- natural essences of plants with the exception of linseed oil, lavender oil and peppermint oil;
- nitric acid;
- phosphoric acid;
- sodium carbonate;
- copper sulphate;
- potassium permanganate;
- tea seed cake made of natural camellia seed;
- humic acid;
- peroxyacetic acids with the exception of peracetic acid.

▼B*ANNEX V***Authorised products and substances for use in the production of processed organic food and of yeast used as food or feed****▼M3****PART A**

Authorised food additives and processing aids referred to in Article 24(2), point (a), of Regulation (EU) 2018/848, including carriers and other substances used in the same way and with the same purpose as processing aids

The organic foodstuffs to which food additives may be added are within the limit of authorisations given in accordance with Regulation (EC) No 1333/2008.

The specific conditions and limits set out in the table below shall apply in addition to the conditions of the authorisations under Regulation (EC) No 1333/2008.

The use as food additives or as processing aids shall be attributed on a case-by-case basis in accordance with Regulation (EC) No 1333/2008 and national legislation on processing aids.

For the purpose of the calculation of the percentages referred to in Article 30(5) of Regulation (EU) 2018/848, food additives marked with an asterisk in the column “E-number or Einecs, or both” shall be calculated as ingredients of agricultural origin.

E-number or Einecs (¹), or both	Name	Organic foodstuffs in which the additive or processing aid may be used and specific conditions and limits	
		Use as an additive	Use as a processing aid
E 153	Vegetable carbon	edible cheese rind of ashy goat cheese	
		Morbier cheese	
E 160b(i)*	Annatto bixin	Red Leicester cheese	
		Double Gloucester cheese	
		Cheddar	
		Mimolette cheese	
E 160b(ii)*	Annatto norbixin	Red Leicester cheese	
		Double Gloucester cheese	
		Cheddar	
		Mimolette cheese	
E 170/207-439-9 and 215-279-6	Calcium carbonate	products of plant and animal origin	products of plant origin

▼M3

E-number or Einecs (¹), or both	Name	Organic foodstuffs in which the additive or processing aid may be used and specific conditions and limits	
		Use as an additive	Use as a processing aid
E 220	Sulphur dioxide	<p>fruit wines (wine made from fruits other than grapes, including cider and perry) and mead with and without added sugar</p> <p>100 mg/l (maximum levels available from all sources, expressed as SO₂ in mg/l)</p>	
E 223	Sodium metabi-sulphite	crustaceans	
E 224	Potassium metabisulphite	<p>fruit wines (wine made from fruits other than grapes, including cider and perry) and mead with and without added sugar</p> <p>100 mg/l (maximum levels available from all sources, expressed as SO₂ in mg/l)</p>	
E 250	Sodium nitrite	<p>meat products</p> <p>may only be used, if it has been demonstrated to the satisfaction of the competent authority that no technological alternative, giving the same guarantees and/or allowing to maintain the specific features of the product, is available</p> <p>not in combination with E252</p> <p>maximum amount that may be added during the manufacturing expressed as NO₂ ion: 50 mg/kg</p> <p>maximum residual amount from all sources for the product ready for marketing throughout the shelf life of the product expressed as NO₂ ion: 30 mg/kg</p>	

▼M3

E-number or Einecs (¹), or both	Name	Organic foodstuffs in which the additive or processing aid may be used and specific conditions and limits	
		Use as an additive	Use as a processing aid
E252	Potassium nitrate	<p>meat products</p> <p>may only be used, if it has been demonstrated to the satisfaction of the competent authority that no technological alternative, giving the same guarantees and/or allowing to maintain the specific features of the product, is available</p> <p>not in combination with E250</p> <p>maximum amount that may be added during the manufacturing expressed as NO₃ ion: 55 mg/kg</p> <p>maximum residual amount from all sources for the product ready for marketing throughout the shelf life of the product expressed as NO₃ ion: 35 mg/kg</p>	
E 267*	Buffered vinegar	<p>products of plant and animal origin</p> <p>only from organic production</p>	
E 270/200-018-0	Lactic acid	<p>products of plant and animal origin</p>	<p>cheese</p> <p>for the regulation of pH of the brine bath in cheese production</p>
E 290/204-696-9	Carbon dioxide	<p>products of plant and animal origin</p>	<p>products of plant and animal origin</p>
E 296	Malic acid	<p>products of plant origin</p>	
E 300	Ascorbic acid	<p>products of plant origin</p> <p>meat products (category 08,3 (²)) and meat preparations (category 08,2 (²)) to which other ingredients than additives or salt have been added</p>	
E 301	Sodium ascorbate	<p>meat products</p> <p>may only be used in connection with nitrates and nitrites</p>	

▼M3

E-number or Einecs (¹), or both	Name	Organic foodstuffs in which the additive or processing aid may be used and specific conditions and limits	
		Use as an additive	Use as a processing aid
E 306*	Tocopherol-rich extract	products of plant and animal origin only as antioxidant	
E 322*	Lecithins	products of plant and animal origin only from organic production	
E 325	Sodium lactate	products of plant origin	
		milk-based products	
		meat products	
E 330/201-069-1	Citric acid	products of plant and animal origin	products of plant and animal origin
E 331	Sodium citrates	products of plant and animal origin	
E 333	Calcium citrates	products of plant origin	
E 334	Tartaric acid (L(+)-)	products of plant origin mead	
E 335*	Sodium tartrates	products of plant origin from 1 January 2027, only from organic production	
E 336*	Potassium tartrates	products of plant origin from 1 January 2027, only from organic production	
E 337*	Potassium sodium tartrate	products of plant origin from 1 January 2027, only from organic production	
E 341(i)	Monocalcium phosphate	self-raising flour only as raising agent	
E 392*	Extracts of rosemary	products of plant and animal origin only from organic production	

▼M3

E-number or Einecs (¹), or both	Name	Organic foodstuffs in which the additive or processing aid may be used and specific conditions and limits	
		Use as an additive	Use as a processing aid
E 400	Alginic acid	products of plant origin	
		milk products	
E 401	Sodium alginate	products of plant origin	
		milk products	
		sausages based on meat	
E 402	Potassium alginate	products of plant origin	
		milk-based products	
E 406	Agar	products of plant origin	
		milk-based products	
		meat products	
E 407	Carrageenan	products of plant origin	
		milk-based products	
E 410*	Locust bean gum	products of plant and animal origin only from organic production	
E 412*	Guar gum	products of plant and animal origin only from organic production	
E 414*	Arabic gum	products of plant and animal origin only from organic production	
E 415	Xanthan gum	products of plant and animal origin	
E 417*	Tara gum	products of plant and animal origin only from organic production only as thickener	
E 418*	Gellan gum	products of plant and animal origin from organic production, if available only high-acyl form	

▼M3

E-number or Einecs (¹), or both	Name	Organic foodstuffs in which the additive or processing aid may be used and specific conditions and limits	
		Use as an additive	Use as a processing aid
E 422*	Glycerol	plant extracts and flavourings only from plant origin only from organic production as solvent and carrier as humectant in gel capsules as surface coating of tablets	
E 440(i)*	Pectin	products of plant origin	
		milk-based products	
E 460/232-674-9	Cellulose	gelatine	gelatine
			products of plant origin
E 464	Hydroxypropyl methyl cellulose	products of plant and animal origin only as encapsulation material for capsules	
E 500/207-838-8, 205-633-8, 208-580-9	Sodium carbonates	products of plant and animal origin	products of plant and animal origin
E 501/209-529-3, 206-059-0	Potassium carbonates	products of plant origin	grapes only as drying agent to produce dried grapes
E 503	Ammonium carbonates	products of plant origin	
E 504	Magnesium carbonates	products of plant origin	
E 509/233-140-8	Calcium chloride	products of plant origin only to induce coagulation	products of plant origin only as clarifying/flocculating agent
		milk-based products only as stabiliser	
		sausages based on meat only to induce coagulation to form casing	
E 511/232-094-6	Magnesium chloride	products of plant origin only to induce coagulation	products of plant origin only as clarifying/flocculating agent

▼M3

E-number or Einecs (¹), or both	Name	Organic foodstuffs in which the additive or processing aid may be used and specific conditions and limits	
		Use as an additive	Use as a processing aid
E 516/231-900-3	Calcium sulphate	products of plant origin only as carrier or to induce coagulation	products of plant origin only as clarifying/flocculating agent
E 524/215-185-5	Sodium hydroxide	surface-treated <i>Laugengebäck</i> only as surface treatment	sugar(s)
		flavourings only as acidity regulator	oil from plant origin excluding olive oil
			plant protein extracts
E 551/231-545-4	Silicon dioxide	cocoa only as anticaking agent for use in automated dispensing machines	products of plant origin
		herbs and spices in dried powdered form	
		flavourings	
		propolis	
E 553b	Talc	products of plant origin	products of plant origin
		sausages based on meat only as surface treatment	
E 901*/232-383-7	Beeswax	confectionery only from organic production only as glazing agent	products of plant origin only from organic production only as releasing agent

▼M3

E-number or Einecs (¹), or both	Name	Organic foodstuffs in which the additive or processing aid may be used and specific conditions and limits	
		Use as an additive	Use as a processing aid
E 903*/232-399-4	Carnauba wax	confectionery only from organic production only as glazing agent	products of plant origin only from organic production only as releasing agent
		citrus fruit only from organic production only as mitigating method for mandatory extreme cold treatment of fruit against harmful organisms in accordance with Commission Implementing Regulation (EU) 2019/2072 (²)	
E 938	Argon	products of plant and animal origin	
E 939	Helium	products of plant and animal origin	
E 941/231-783-9	Nitrogen	products of plant and animal origin	products of plant and animal origin
E 948	Oxygen	products of plant and animal origin	
E 968*	Erythritol	products of plant and animal origin only from organic production without using ion exchange technology	
-/200-578-6	Ethanol		products of plant and animal origin only as solvent on crystallization primers for the production of sugar and/or extraction solvent
-/200-580-7	Acetic acid		products of plant origin from organic production, if available
			fish from organic production, if available
-/215-108-5	Bentonite		products of plant origin
			mead only as sticking agent
-/215-137-3	Calcium hydroxide		products of plant origin

▼M3

E-number or Einecs (¹), or both	Name	Organic foodstuffs in which the additive or processing aid may be used and specific conditions and limits	
		Use as an additive	Use as a processing aid
-/231-595-7	Hydrochloric acid		gelatine
			Gouda, Edam and Maasdammer cheeses, Boerenkaas, Friese and Leidse Nagelkaas only as regulation of the pH of the brine bath in the processing of cheeses
-/231-639-5	Sulphuric acid		gelatine
			sugar(s)
-/231-765-0	Hydrogen peroxide		gelatine
-/232-554-6	Gelatine		products of plant origin
-/232-555-1	Casein		products of plant origin
-/293-292-6	Isinglass		products of plant origin
-/931-328-0	Activated carbon		products of plant and animal origin
	Ammonium hydroxide		gelatine
	Diammonium phosphate		fruit wines, cider, perry and mead
	L(+)lactic acid from fermentation		plant protein extracts
	Thiamin hydrochloride		fruit wines, cider, perry and mead
	Diatomaceous earth		products of plant origin
			gelatine
	Egg white albumin		products of plant origin
	Hop extract		products of plant origin from organic production, if available only for antimicrobial purposes
	Hazelnut shells		products of plant origin
	Perlite		products of plant origin
			gelatine
	Pine rosin extract		products of plant origin from organic production, if available only for antimicrobial purposes
	Rice meal		products of plant origin

▼M3

E-number or Einecs (¹), or both	Name	Organic foodstuffs in which the additive or processing aid may be used and specific conditions and limits	
		Use as an additive	Use as a processing aid
	Tannic acid		products of plant origin only as filtration aid
	Vegetable oils		products of plant and animal origin only from organic production only as greasing, releasing or antifoaming agent
	Vinegar		products of plant origin only from organic production
			fish only from organic production
	Water		products of plant and animal origin water intended for human consumption within the meaning of Directive (EU) 2020/2184 of the European Parliament and of the Council (⁴)
	Wood fibre		products of plant and animal origin the source of timber shall be restricted to certified, sustainably harvested wood wood used shall not contain toxic components (post-harvest treatment, naturally occurring toxins or toxins from microorganisms)
	Pea protein		use for clarification of fruit juices and fruit wines (wines made from fruits other than grapes, including cider and perry) and mead from organic production if available

▼M4

▼M4

E-number or Einecs ^(¹) , or both	Name	Organic foodstuffs in which the additive or processing aid may be used and specific conditions and limits	
		Use as an additive	Use as a processing aid
	Potato protein		use for clarification of fruit juices and fruit wines (wines made from fruits other than grapes, including cider and perry) and mead from organic production if available

▼M3

^(¹) European Inventory of Existing Commercial Chemical Substances (OJ C 146, 15.6.1990, p. 4).

^(²) Food categories in Part D of Annex II to Regulation (EC) No 1333/2008 of the European Parliament and of the Council of 16 December 2008 on food additives (OJ L 354, 31.12.2008, p. 16, ELI: <http://data.europa.eu/eli/reg/2008/1333/oj>).

^(³) Commission Implementing Regulation (EU) 2019/2072 of 28 November 2019 establishing uniform conditions for the implementation of Regulation (EU) 2016/2031 of the European Parliament and the Council, as regards protective measures against pests of plants, and repealing Commission Regulation (EC) No 690/2008 and amending Commission Implementing Regulation (EU) 2018/2019 (OJ L 319, 10.12.2019, p. 1, ELI: http://data.europa.eu/eli/reg_impl/2019/2072/oj).

^(⁴) Directive (EU) 2020/2184 of the European Parliament and of the Council of 16 December 2020 on the quality of water intended for human consumption (OJ L 435, 23.12.2020, p. 1, ELI: <http://data.europa.eu/eli/dir/2020/2184/oj>).

▼B**PART B**

Authorised non-organic agricultural ingredients to be used for the production of processed organic food referred to in point (b) of Article 24(2) of Regulation (EU) 2018/848

Name	Specific conditions and limits
Alga Arame (<i>Eisenia bicyclis</i>), unprocessed as well as products of first-stage processing directly related to this alga	
Alga Hijiki (<i>Hizikia fusiforme</i>), unprocessed as well as products of first-stage processing directly related to this alga	
Bark of the Pau d'arco tree <i>Handroanthus impetiginosus</i> ('lapacho')	only for use in Kombucha and tea mixtures
Casings	from natural raw materials of animal or from plant origin material
Gelatin	from other sources than porcine
Milk mineral powder/liquid	only when used for its sensory function to replace wholly or partly sodium chloride
Wild fishes and wild aquatic animals, unprocessed as well as products derived therefrom by processes	only from fisheries that have been certified as sustainable under a scheme recognised by the competent authority in line with the principles laid down in Regulation (EU) No 1380/2013, in accordance with point 3.1.3.1(c) of Part III of Annex II to Regulation (EU) 2018/848 only when not available in organic aquaculture

PART C

Authorised processing aids and other products for the production of yeast and yeast products referred to in point (c) of Article 24(2) of Regulation (EU) 2018/848

Name	Primary yeast	Yeast production/confection/formulation	Specific conditions and limits
Calcium chloride	X		
Carbon dioxide	X	X	
Citric acid	X		for the regulation of the pH in yeast production
Lactic acid	X		for the regulation of the pH in yeast production
Nitrogen	X	X	
Oxygen	X	X	
Potato starch	X	X	for filtering only from organic production

▼B

Name	Primary yeast	Yeast production/confection/formulation	Specific conditions and limits
Sodium carbonate	X	X	for the regulation of the pH
Vegetable oils	X	X	greasing, releasing or anti-foaming agent only from organic production
▼M3			
Fermentation activators	X		nutrients from yeast extract or autolysate up to 5 % of the substrate calculated in weight of dry matter

▼B**PART D**

Authorised products and substances for the production and conservation of organic grapevine products of the wine sector referred to in point 2.2 of Part VI of Annex II to Regulation (EU) 2018/848

Name	ID numbers	References in Annex I to Delegated Regulation (EU) 2019/934	Specific conditions and limits
Air		Part A, Table 1, points 1 and 8	
Gaseous oxygen	E 948 CAS 17778- 80-2	Part A, Table 1, point 1 Part A, Table 2, point 8.4	
Argon	E 938 CAS 7440-37-1	Part A, Table 1, point 4 Part A, Table 2, point 8.1	may not be used for bubbling
Nitrogen	E 941 CAS 7727-37-9	Part A, Table 1, points 4, 7 and 8 Part A, Table 2, point 8.2	
Carbon dioxide	E 290 CAS 124-38-9	Part A, Table 1, points 4 and 8 Part A, Table 2, point 8.3	
Pieces of oak wood		Part A, Table 1, point 11	
Tartaric acid (L(+)-)	E 334 CAS 87-69-4	Part A, Table 2, point 1.1	

▼B

Name	ID numbers	References in Annex I to Delegated Regulation (EU) 2019/934	Specific conditions and limits
Lactic acid	E 270	Part A, Table 2, point 1.3	
Potassium L(+)-tartrate	E 336(ii) CAS 921- 53-9	Part A, Table 2, point 1.4	
Potassium bicarbonate	E 501(ii) CAS 298- 14-6	Part A, Table 2, point 1.5	
Calcium carbonate	E 170 CAS 471-34-1	Part A, Table 2, point 1.6	
Calcium sulphate	E 516	Part A, Table 2, point 1.8	
Sulphur dioxide	E 220 CAS 7446-09-5	Part A, Table 2, point 2.1	<p>the maximum sulphur dioxide content shall not exceed 100 milligrams per litre for red wines as referred to in point A.1.(a) of Part B of Annex I to Delegated Regulation (EU) 2019/934 and with a residual sugar level lower than 2 grams per litre</p> <p>the maximum sulphur dioxide content shall not exceed 150 milligrams per litre for white and rosé wines as referred to in point A.1.(b) of Part B of Annex I to Delegated Regulation (EU) 2019/934 and with a residual sugar level lower than 2 grams per litre</p> <p>for all other wines, the maximum sulphur dioxide content applied in accordance with Part B of Annex I to Delegated Regulation (EU) 2019/934 shall be reduced by 30 milligrams per litre</p>
Potassium bisulphite	E 228 CAS 7773-03-7	Part A, Table 2, point 2.2	
Potassium metabisulphite	E 224 CAS 16731-55-8	Part A, Table 2, point 2.3	
L ascorbic acid	E 300	Part A, Table 2, point 2.6	
Charcoal for oenological use		Part A, Table 2, point 3.1	
Diammonium hydrogen phosphate	E 342/CAS 7783-28-0	Part A, Table 2, point 4.2	

▼B

Name	ID numbers	References in Annex I to Delegated Regulation (EU) 2019/934	Specific conditions and limits
Thiamine hydrochloride	CAS 67-03-8	Part A, Table 2, point 4.5	
Yeast autolysates		Part A, Table 2, point 4.6	
Yeast cell walls		Part A, Table 2, point 4.7	
Inactivated yeasts		Part A, Table 2, point 4.8 Part A, Table 2, point 10.5 Part A, Table 2, point 11.5	
Edible gelatine	CAS 9000-70-8	Part A, Table 2, point 5.1	derived from organic raw material if available
Wheat protein		Part A, Table 2, point 5.2	derived from organic raw material if available
Peas protein		Part A, Table 2, point 5.3	derived from organic raw material if available
Potatoes protein		Part A, Table 2, point 5.4	derived from organic raw material if available
Isinglass		Part A, Table 2, point 5.5	derived from organic raw material if available
Casein	CAS 9005-43-0	Part A, Table 2, point 5.6	derived from organic raw material if available
Potassium caseinates	CAS 68131-54-4	Part A, Table 2, point 5.7	
Egg albumin	CAS 9006-59-1	Part A, Table 2, point 5.8	derived from organic raw material if available
Bentonite	E 558	Part A, Table 2, point 5.9	
Silicon dioxide (gel or colloidal solution)	E 551	Part A, Table 2, point 5.10	
Tannins		Part A, Table 2, point 5.12 Part A, Table 2, point 6.4	derived from organic raw material if available
Chitosan derived from <i>Aspergillus niger</i>	CAS 9012-76-4	Part A, Table 2, point 5.13 Part A, Table 2, point 10.3	

▼B

Name	ID numbers	References in Annex I to Delegated Regulation (EU) 2019/934	Specific conditions and limits
Yeast protein extracts		Part A, Table 2, point 5.15	derived from organic raw material if available
Potassium alginate	E 402/CAS 9005-36-1	Part A, Table 2, point 5.18	
Potassium hydrogen tartrate	E336(i)/CAS 868-14-4	Part A, Table 2, point 6.1	
Citric acid	E 330	Part A, Table 2, point 6.3	
Meta-tartaric acid	E 353	Part A, Table 2, point 6.7	
Gum arabic	E 414/CAS 9000-01-5	Part A, Table 2, point 6.8	derived from organic raw material if available
Yeast manno-proteins		Part A, Table 2, point 6.10	
Pectin lyases	EC 4.2.2.10	Part A, Table 2, point 7.2	only for oenological purposes in clarification
Pectin methyl-esterase	EC 3.1.1.11	Part A, Table 2, point 7.3	only for oenological purposes in clarification
Polygalacturonase	EC 3.2.1.15	Part A, Table 2, point 7.4	only for oenological purposes in clarification
Hemicellulase	EC 3.2.1.78	Part A, Table 2, point 7.5	only for oenological purposes in clarification
Cellulase	EC 3.2.1.4	Part A, Table 2, point 7.6	only for oenological purposes in clarification

▼M3

Yeast for wine production		Part A, Table 2, point 1.11 Part A, Table 2, point 9.1	for the individual yeast strains, organic if available
Lactic acid bacteria		Part A, Table 2, point 1.12 Part A, Table 2, point 9.2	

▼B

Copper citrate	CAS 866-82-0	Part A, Table 2, point 10.2	
Aleppo pine resin		Part A, Table 2, point 11.1	
Fresh lees		Part A, Table 2, point 11.2	only from organic production

▼M3*ANNEX VI***Products and substances authorised for use in organic production in third countries and in the outermost regions of the Union pursuant to Article 45(2) of Regulation (EU) 2018/848****PART A****PRODUCTS AND SUBSTANCES AUTHORISED FOR USE IN ORGANIC PRODUCTION IN THIRD COUNTRIES****Active substances to be used in plant protection products**

Active substances listed in the table below may be used in organic production in third countries, provided that they comply with the relevant third country legislation, are exempted from maximum residue levels in accordance with Codex Alimentarius guidelines CXG 97-2022 (¹), are included in Annex IV to Regulation (EC) No 396/2005 of the European Parliament and of the Council (²), or specific maximum residue levels have been set in that Regulation. They are subject to the corresponding specific conditions and limits set out in that table.

CAS number	Name of the active substance	Specific conditions and limits
	Microorganisms including viruses, when used as biological control agents	not from GMO origin not produced by using growing media of GMO origin
74-85-1	Ethylene	for flower induction in pineapple

PART B**PRODUCTS AND SUBSTANCES AUTHORISED FOR USE IN ORGANIC PRODUCTION IN THE OUTERMOST REGIONS OF THE UNION****Active substances to be used in plant protection products**

Active substances listed in the table below may be used in organic production in the outermost regions of the Union, provided that they comply with the relevant provisions of Union law and, where applicable, with national provisions based on Union law.

(¹) <https://www.fao.org/fao-who-codexalimentarius/codex-texts/guidelines/en>.

(²) Regulation (EC) No 396/2005 of the European Parliament and of the Council of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC (OJ L 70, 16.3.2005, p. 1, ELI: <http://data.europa.eu/eli/reg/2005/396/oj>).