FRENCH REPUBLIC

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Ministry of Agriculture and Food Sovereignty

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Order of ... establishing the values and procedures for assessing the safety and end-of-waste status criteria for fertilisers and growing media

NOR:

The Minister for Agriculture and Food Sovereignty, the Minister for the Economy, Finance and Industrial and Digital Sovereignty, the Minister for the Ecological Transition, Biodiversity, Forestry, Maritime Affairs and Fisheries, the Minister for Health and Access to Health Care

Having regard to Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives, as amended;

Having regard to 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;

Having regard to Regulation (EU) 2019/1009 of the European Parliament and of the Council of 5 June 2019 laying down rules for 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;

Having regard to the French Environmental Code, in particular Articles R. 211-43, R. 211.1 and R. 541-8 thereof;

Having regard to the French Code of Rurality and Maritime Fishing, particularly Articles L. 255-9-1 and D. 255-1-2, R. 255-32 thereof;

Having regard to Decree No 80-478 of 16 June 1980, as amended, implementing Article L. 412-1 of the French Consumer Code concerning fertilisers and cultivation substrates;

Having regard to the Order of 8 December 2011, as amended, establishing health rules applicable to animal by-products and derived products pursuant to Regulation (EC) No 1069/2009 and Regulation (EU) No 142/2011;

Having regard to the Order of 19 June 2015, as amended, on the quality management system referred to in Article D. 541-12-14 of the Environmental Code;

Having regard to the Order of 9 April 2018, as amended, laying down national technical regulations on the use of animal by-products and derived products in biogas and composting plants or in ‘on-site composting’, and on the use of manure;

Having regard to Opinion 2020-SA-0146 of 28 January 2021 and Opinion 2021-AST-0120 of 2 November 2021 of the National Agency for Food, Environmental and Occupational Health and Safety;

Having regard to the comments made during the public consultation carried out between 30 October 2023 and 30 November 2023 pursuant to Article L. 123-19-1 of the Environmental Code,;

[Having regard to the opinion of the National Council for the Assessment of Standards of XXX;

Having regard to the opinion of the French High Council on the prevention of technological risks issued on XXX;

Having regard to the opinion of the National Water Council, issued on XXXX,]

Hereby order:

Article 1

Category A1 fertilisers and growing media shall comply with the maximum levels for trace metals, inert components and impurities, organic trace compounds and pathogenic micro-organisms as set out in Annex I.

To ensure this, the person responsible for placing the product on the market shall carry out the analyses provided for in Article R. 255-32 I of the French Code of Rurality and Maritime Fishing for all contaminants, except in the case of fertilisers and growing media exempt from certain analyses in accordance with Annex V.

Article 2

Category A2 fertilisers and growing media shall comply with the maximum levels for trace metals, inert components and impurities, organic trace compounds and pathogenic microorganisms set out in Annex II, without prejudice to the maximum levels of pathogenic microorganisms or the treatment indicators for fertilisers based on sewage sludge or animal by-products referred to in the standards rendered mandatory or in Regulation (EC) No 1069/2009 and Regulation No 142/2011 referred to above.

To ensure this, the person responsible for placing the product on the market shall carry out the analyses provided for in Article R. 255-32 of the French Code of Rurality and Maritime Fishing for all contaminants, except in the case of fertilisers and growing media exempt from certain analyses in accordance with Annex V.

Article 3

Category B2 fertilisers and growing media shall comply with the maximum levels for trace metals, inert components and impurities, and organic trace compounds as set out in Annex III.

To ensure this, the producer shall carry out the analyses provided for in Article R. 255-32 of the French Code of Rurality and Maritime Fishing for all contaminants except in the case of fertilisers exempt from certain analyses in accordance with Annex V.

If no requirements are laid down in Article R.255-32, analyses of Category B2 fertilisers shall be carried out before the first application and at least once every three years thereafter. In the event of a major event on the installation or a significant change in the composition or nature of inputs, further analyses shall be carried out without delay.

Article 4

With effect from [date of entry into force + 36 months], Annex III is replaced by Annex IV.

Article 5

A fertiliser or a growing medium complying with a standard referred to in point 1 of Article L. 255-5 and manufactured from waste shall cease to be waste if the following cumulative conditions are met:

a) The fertiliser or growing medium shall comply with the provisions of Article 1.

b) It shall be manufactured in accordance with a quality management system covering the processes for checking end-of-waste criteria as defined by the aforementioned Order of 19 June 2015.

c) The producer or the person placing this fertiliser or growing medium on the market shall draw up, for each of the batches produced, a certificate of conformity as set out in Annex VI and shall keep a copy thereof for at least five years. This certificate shall be forwarded and kept by all persons holding all or part of the batch, with the exception of non-professional users.

Article 6

This Order shall be published in the Official Journal of the French Republic.

Dated [ ]..

The Minister for the Economy, Finance and Industrial and Digital Sovereignty,

Eric Lombard

The Minister for the Ecological Transition, Biodiversity, Forestry, Maritime Affairs and Fisheries,

Agnès Pannier-Runacher

The Minister for Agriculture and Food Sovereignty,

Annie Genevard

The Minister for Health and Access to Health Care,

Yannick Neuder

ANNEX I: Maximum contaminant levels for category A1 fertilisers and growing media

Table 1. A1. Maximum levels of trace metals and chlorine (in mg/kg of dry matter)

Denominations	Organic fertilisers	Organic-mineral fertilisers	Mineral fertilisers	Inorganic micronutrient fertilisers	Liming material	Organic soil improver	Other soil improvers	Growing medium	Biostimulant	Other fertilisers	Ash or other materials obtained by thermal oxidation and their derivatives*	Biochar or other materials derived from pyrolysis and gasification*	Recovered high purity materials*
Cd	1.5	3 (1)	3 (1)	200 (3)	2	2	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Total Cr	/	/	/	/	/	/	/	/	/	/	400 (6)	/	400 (8)
Cr VI (5)	2	2	2	/	2	2	2	2	2	2	2	2	2
Hg	1	1	1	100 (3)	1	1	1	1	1	1	1	1	1
Ni	50	50	100	2,000 (3)	90	50	100	50	50	50	50	50	50
Pb	120	120	120	600 (3)	120	120	120	120	120	120	120	120	120
As(4): As or Inorganic As	40 40	40 40	40 40	 1000 (3)	40 40	40 40	40 40	40 40	40 40	40 40	40 40	40 40	40 40
Cu	300	600 (2)	600 (2)	/	300	300	300	200	600	300	600	600	600
Zn	800	1,500 (2)	1,500 (2)	/	800	800	800	500	1 500	800	800	800	800
Tl	/	/	/	/	/	/	/	/	/	/	2 (6)	2 (7)	2 (8)
V	/	/	/	/	/	/	/	/	/	/	600 (6)	/	/
Cl-	/	/	/	/	/	/	/	/	/	/	30,000 (6)	30,000 (7)	/

(1) If P_2O_5< 5%. Otherwise 60 expressed in mg/kg of P_2O_5.
(2) These levels do not apply when Cu or Zn has been intentionally added as declared trace elements.
(3) These levels are expressed in mg relative to the total content of trace elements expressed in kg [mg/kg of the total content of trace elements, i.e. boron (B), cobalt (Co), copper (Cu), iron (Fe), manganese (Mn), molybdenum (Mo) and zinc (Zn)].
(4) Analysis of inorganic arsenic is not compulsory if the total arsenic content is within the maximum level for inorganic arsenic. Analysis of total arsenic is optional if the maximum content of inorganic arsenic is respected.
(5) Analysis of chromium VI is not mandatory if the total chromium content complies with the maximum content of chromium VI. With the exception of ash or other materials obtained by thermal oxidation and their derivatives; and recovered high purity materials, analysis of total chromium is optional if the maximum chromium VI content is respected.
(6) The maximum levels for total chromium, thallium, vanadium and chlorine shall be complied with in accordance with Part II, CMC13, of Annex II to Regulation (EU) 2019/1009.
(7) The maximum levels for thallium and chlorine shall be complied with in accordance with Part II, CMC14, of Annex II to Regulation (EU) 2019/1009.
(8) The maximum levels for total chromium and thallium shall be complied with in accordance with Part II, CMC15, of Annex II to Regulation (EU) 2019/1009.

Ash, biochar or high purity materials used to manufacture a fertiliser or a growing medium shall comply with the criteria in Table 1.
In the case of a mixture consisting of at least two names, each of them shall comply with the corresponding requirements of Table 1.

Table 2. A1. Maximum levels of inert components and impurities (in g/kg of dry matter)

Inert and impurities	Maximum levels
Plastic > 2 mm	3[(1)]
Glass > 2 mm	3
Metals > 2 mm	3
Plastic + glass + metals > 2 mm	5

(1) From 16 July 2026, the maximum plastic content > 2 mm shall be 2.5 g/kg of dry matter for composts in the manner defined in Annex II, Part II, CMC 3 to Regulation (EU) 2019/1009, as well as for digestate other than fresh crop digestate in the manner defined in Annex II, Part II, CMC 5 to Regulation (EU) 2019/1009.

Table 3. A1. Maximum levels of organic trace compounds (in mg/kg of dry matter)

Organic trace compounds	Maximum levels
PCB[(1)]	0.8
PAH:[(2)] **PAH_{16}[(3)]**	6
or	or
Fluoranthene	4
Benzo[b]fluoranthene	2.5
Benzo[a]pyrene	1.5
PCDD/F dioxins (ng TEQ/kg MS)[(4)]	20

(1) Sum of 6 congeners PCB 28, 52, 101, 138, 153, 180.
(2) Analysis of the sum of the 16 PAHs is compulsory but compliance with the maximum content is optional if the maximum content of fluoranthene, benzo[b]fluoranthene and benzo[a]pyrene is complied with. Analysis of the 3 congeners is optional if the maximum content of the sum of the 16 PAHs is respected.
(3) Sum of naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, indeno[1,2,3-cd]pyrene, dibenzo[a,h]anthracene and benzo[ghi]perylene.
(4) Sum of 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD; 1,2,3,4,7,8-HxCDD; 1,2,3,6,7,8-HxCDD; 1,2,3,7,8,9-HxCDD; 1,2,3,4,6,7,8-HpCDD; OCDD; 2,3,7,8-TCDF; 1,2,3,7,8-PeCDF; 2,3,4,7,8-PeCDF; 1,2,3,4,7,8-HxCDF; 1,2,3,6,7,8-HxCDF; 1,2,3,7,8,9-HxCDF; 2,3,4,6,7,8-HxCDF; 1,2,3,4,6,7,8-HpCDF; 1,2,3,4,7,8,9-HpCDF; and OCDF expressed in WHO toxicity equivalents of PCDD/F (Dibenzo-p-dioxins and polychlorinated dibenzofurans) /kg of dry matter.

Table 4-1. A1. Maximum levels of pathogenic microorganisms

	Size of the representative sample of raw product	n	m	M	c
Representative samples of the product					
Escherichia coli or Enterococcaceae	1 g	5	1,000	5,000	1
***Salmonella* spp.**	25 g	5	0	0	0

where:

n = number of samples to be tested;

m = threshold value for the number of bacteria. The result is considered satisfactory if the number of bacteria in all samples does not exceed m;

M = maximum value for the number of bacteria. The result is considered unsatisfactory if the number of bacteria in one or more samples is M or more;

c = number of samples the bacterial count of which may be between m and M, the sample still being considered acceptable if the bacterial count of the other samples is m or less.

Table 4-2. A1. Maximum levels of pathogenic microorganisms for microbial biostimulants

	Sampling plan		Limit on raw material
	n	c	
Salmonella spp.	5	0	Absent in 25 g or 25 ml
Escherichia coli	5	0	Absent in 1 g or 1 ml
Listeria monocytogenes	5	0	Absent in 25 g or 25 ml
Vibrio spp.	5	0	Absent in 25 g or 25 ml
Spigelia spp.	5	0	Absent in 25 g or 25 ml
Staphylococcus aureus	5	0	Absent in 25 g or 25 ml
Enterococcaceae	5	2	10 CFU/g
Anaerobic plate count(1)	5	2	10^5 CFU/g or ml
Yeast and mould count(1)	5	2	1,000 CFU/g or ml

(1), unless the microbial plant biostimulant is an aerobic bacterium

Where: n = number of samples to be tested;

c = the number of units in the sample with values above the defined limit.

ANNEX II: Maximum contaminant levels for category A2 fertilisers and growing media

Table 1. A2. Maximum levels of trace metals and chlorine (in mg/kg of dry matter)

Trace metals	Maximum levels
Cd	3 (1)
Cr(2): Total Cr or **Cr VI**	120 (3) 2
Hg	2
Ni	60 (4)
Pb	180
As(5): Total As or **Inorganic As**	40 40
Cu	600 (6)
Zn	1,500 (6) (7)
Tl (8)	2
V (9)	600
Cl^- (10)	30,000

(1) If P2O5< 5%. Otherwise 60 expressed in mg/kg of P2O5

(2) Analysis of chromium VI is not mandatory if the total chromium content complies with the maximum content of chromium VI. Analysis of total chromium is optional if the maximum chromium VI content is respected.

(3) Except for the designations specific to fertilisers produced and used on the island of Réunion of standard NF U 44-051: 330 mg/kg of dry matter.

(4) Except for the names in standard NF U 44-051 specific to fertilisers produced and used on the island of Réunion: 200 mg/kg of dry matter.

Except for basic mineral soil improvers that comply with a marketing authorisation provided for in Article L. 255-2, or with a permit provided for in Articles L. 255-3 and L. 255-4, or with a mandatory standard or specification referred to in points 1 and 3 of Article L. 255-5 respectively: 90 mg/kg of dry matter.

Except for mineral fertilisers and 'other soil improvers' that comply with a marketing authorisation provided for in Article L. 255-2, or with a permit provided for in Articles L. 255-3 and L. 255-4, or with a mandatory standard or specification referred to in points 1 and 3 of Article L. 255-5 respectively: 100 mg/kg of dry matter.

(5) Analysis of inorganic arsenic is not compulsory if the total arsenic content is within the maximum level for inorganic arsenic. Analysis of total arsenic is optional if the maximum content of inorganic arsenic is respected.

(6) These levels do not apply when Cu or Zn has been intentionally added as declared trace elements.

(7) Specific labelling for products with values between 800 and 1500 ppm.

(8) Only for ash (or other materials obtained by thermal oxidation and their derivatives), biochar (or other materials obtained from pyrolysis and gasification) and recovered high purity materials, as defined in Annex II, Part II of Regulation (EU) 2019/1009.

(9) Only for ash (or other materials obtained by thermal oxidation and their derivatives) as defined in Annex II, Part II of Regulation (EU) 2019/1009.

(10) Only for ash (or other materials obtained by thermal oxidation and their derivatives) and biochar (or other materials obtained from pyrolysis and gasification) defined in Annex II, Part II of Regulation (EU) 2019/1009.

Table 2. A2. Maximum levels of inert components and impurities (in g/kg of dry matter)

Inert and impurities	Maximum levels
Plastic > 2 mm	3
Glass > 2 mm	3
Metals > 2 mm	3
Plastic + glass + metals > 2 mm	5

Table 3. A2. Maximum levels of organic trace compounds (in mg/kg of dry matter)

Organic trace compounds	Maximum levels
PCB[(1)]	0.8
PAH:[(2)] **PAH_{16}**[(3)]	6
or	or
Fluoranthene	4
Benzo[b]fluoranthene	2.5
Benzo[a]pyrene	1.5
PCDD/F dioxins (ng TEQ/kg MS)[(4)]	20

(1) Sum of 6 congeners PCB 28, 52, 101, 138, 153, 180.
(2) Analysis of the sum of the 16 PAHs is compulsory but compliance with the maximum content is optional if the maximum content of fluoranthene, benzo[b]fluoranthene and benzo[a]pyrene is complied with. Analysis of the 3 congeners is optional if the maximum content of the sum of the 16 PAHs is respected.
(3) Sum of naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, indeno[1,2,3-cd]pyrene, dibenzo[a,h]anthracene and benzo[ghi]perylene.
(4) Sum of 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD; 1,2,3,4,7,8-HxCDD; 1,2,3,6,7,8-HxCDD; 1,2,3,7,8,9-HxCDD; 1,2,3,4,6,7,8-HpCDD; OCDD; 2,3,7,8-TCDF; 1,2,3,7,8-PeCDF; 2,3,4,7,8-PeCDF; 1,2,3,4,7,8-HxCDF; 1,2,3,6,7,8-HxCDF; 1,2,3,7,8,9-HxCDF; 2,3,4,6,7,8-HxCDF; 1,2,3,4,6,7,8-HpCDF; 1,2,3,4,7,8,9-HpCDF; and OCDF expressed in WHO toxicity equivalents of PCDD/F (Dibenzo-p-dioxins and polychlorinated dibenzofurans) /kg of dry matter.

Table 4-1. A2. Maximum levels of pathogenic microorganisms for fertilisers not containing sewage sludge

	Size of the representative sample of the product taken	n	m	M	c
Representative samples of the product					
Escherichia coli or Enterococcaceae	1 g of raw material (MB)	5	1,000	5,000	1
***Salmonella* spp.**	25 g MB	5	0	0	0

where:
n = number of samples to be tested;
m = threshold value for the number of bacteria. The result is considered satisfactory if the number of bacteria in all samples does not exceed m;
M = maximum value for the number of bacteria. The result is considered unsatisfactory if the number of bacteria in one or more samples is M or more;
c = number of samples the bacterial count of which may be between m and M, the sample still being considered acceptable if the bacterial count of the other samples is m or less.

Table 4-2. A2. Maximum levels of pathogenic microorganisms for fertilisers based on sewage sludge complying with a mandatory standard

	All crops except vegetable crops	Vegetable crops
Pathogens		
Viable helminth eggs	Absent in 1 g of MB	Absent in 25 g of MB
Listeria monocytogenes	Absent in 1 g of MB	Absent in 25 g of MB
Salmonella	Absent in 1 g of MB	Absent in 25 g of MB

ANNEX III: Maximum contaminant levels for Category B2 fertilisers

Table 1. B2. Maximum levels of trace metals (in mg/kg of dry matter)

Trace metals	Maximum levels
Cd	10
Cr[(1)] : Total Cr or **Cr VI**	800 2
Hg	5
Ni	200
Pb	500
Total As **or** **As inorg[(2)]**	60 60
Cu	1,000
Zn	3,000

(1) Compliance with the maximum total chromium content is mandatory. Analysis of chromium VI is not mandatory if the total chromium content complies with the maximum content of chromium VI.
(2) Analysis of inorganic arsenic is not compulsory if the total arsenic content is within the maximum level for inorganic arsenic.

Table 2. B2. Maximum levels of inert components and impurities (in g/kg of dry matter)

Inert and impurities	Maximum levels
Plastic > 2 mm	3
Glass > 2 mm	3
Metals > 2 mm	3
Plastic + glass + metals > 2 mm	5

Table 3. B2. Maximum levels of organic trace compounds (in mg/kg of dry matter)

Organic trace compounds	Maximum levels
PCB[(1)]	0.8
PAH:[(2)] $PAH_{16(3)}$ or **Fluoranthene** **Benzo[b]fluoranthene** **Benzo[a]pyrene**	6 or 4 2.5 1.5
PCDD/F dioxins (ng TEQ/kg MS)[(4)]	20

(1) Sum of 6 congeners PCB 28, 52, 101, 138, 153, 180.
(2) Analysis of the sum of the 16 PAHs is compulsory but compliance with the maximum content is optional if the maximum content of fluoranthene, benzo[b]fluoranthene and benzo[a]pyrene is complied with. Analysis of the 3 congeners is optional if the maximum content of the sum of the 16 PAHs is respected.
(3) Sum of naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, indeno[1,2,3-cd]pyrene, dibenzo[a,h]anthracene and benzo[ghi]perylene.4
(4) Sum of 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD; 1,2,3,4,7,8-HxCDD; 1,2,3,6,7,8-HxCDD; 1,2,3,7,8,9-HxCDD; 1,2,3,4,6,7,8-HpCDD; OCDD; 2,3,7,8-TCDF; 1,2,3,7,8-PeCDF; 2,3,4,7,8-PeCDF; 1,2,3,4,7,8-HxCDF; 1,2,3,6,7,8-HxCDF; 1,2,3,7,8,9-HxCDF; 2,3,4,6,7,8-HxCDF; 1,2,3,4,6,7,8-HpCDF; 1,2,3,4,7,8,9-HpCDF; and OCDF expressed in WHO toxicity equivalents of PCDD/F (Dibenzo-p-dioxins and polychlorinated dibenzofurans) /kg of dry matter.

ANNEX IV: Maximum contaminant levels for Category B2 fertilisers

Table 1. B2. Maximum levels of trace metals (in mg/kg of dry matter)

Trace metals	Maximum levels
Cd	5
Cr[(1)] : Total Cr or **Cr VI**	800 2
Hg	5
Ni	200
Pb	500
Total As **or** **As inorg[(2)]**	60 60
Cu	1,000
Zn	3,000

(1) Compliance with the maximum total chromium content is mandatory. Analysis of chromium VI is not mandatory if the total chromium content complies with the maximum content of chromium VI.
(2) Analysis of inorganic arsenic is not compulsory if the total arsenic content is within the maximum level for inorganic arsenic.

Table 2. B2. Maximum levels of inert components and impurities (in g/kg of dry matter)

Inert and impurities	Maximum levels
Plastic > 2 mm	3
Glass > 2 mm	3
Metals > 2 mm	3
Plastic + glass + metals > 2 mm	5

Table 3. B2. Maximum levels of organic trace compounds (in mg/kg of dry matter)

Organic trace compounds	Maximum levels
PCB[(1)]	0.8
PAH:[(2)] PAH_{16}[(3)] or **Fluoranthene** **Benzo[b]fluoranthene** **Benzo[a]pyrene**	6 or 4 2.5 1.5
PCDD/F dioxins (ng TEQ/kg MS)[(4)]	20

(1) Sum of 6 congeners PCB 28, 52, 101, 138, 153, 180.
(2) Analysis of the sum of the 16 PAHs is compulsory but compliance with the maximum content is optional if the maximum content of fluoranthene, benzo[b]fluoranthene and benzo[a]pyrene is complied with. Analysis of the 3 congeners is optional if the maximum content of the sum of the 16 PAHs is respected.
(3) Sum of naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, indeno[1,2,3-cd]pyrene, dibenzo[a,h]anthracene and benzo[ghi]perylene.4
(4) Sum of 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD; 1,2,3,4,7,8-HxCDD; 1,2,3,6,7,8-HxCDD; 1,2,3,7,8,9-HxCDD; 1,2,3,4,6,7,8-HpCDD; OCDD; 2,3,7,8-TCDF; 1,2,3,7,8-PeCDF; 2,3,4,7,8-PeCDF; 1,2,3,4,7,8-HxCDF; 1,2,3,6,7,8-HxCDF; 1,2,3,7,8,9-HxCDF; 2,3,4,6,7,8-HxCDF; 1,2,3,4,6,7,8-HpCDF; 1,2,3,4,7,8,9-HpCDF; and OCDF expressed in WHO toxicity equivalents of PCDD/F (Dibenzo-p-dioxins and polychlorinated dibenzofurans) /kg of dry matter.

ANNEX V: Safety criteria to be analysed for fertilisers and growing media exempt from certain analyses

When a fertiliser or a growing medium consists of only one category of material, the criteria to be analysed are those of the corresponding line. When a fertiliser or a growing medium consists of several categories of materials from the table, then the criteria to be analysed on the fertiliser or the growing medium are those of all categories of the mixture.

Category of component material	Characteristics	Trace metals	Inert components and impurities	Organic trace compounds	Pathogenic microorganisms(1)
Inorganic materials, virgin mineral materials or synthetic organic materials		X			
Ash or other materials obtained by thermal oxidation and their derivatives		X		X(3)	
Biochar or other materials derived from pyrolysis and gasification		x		X(3)	
Struvites (or precipitated phosphate salts and their derivatives)		X	X	X(2)	X
Recovered high purity materials		X		X(3)	X (5)
Plants or algae	Raw, ground, dried	X	X	X(2)	
Plants or algae	Extracts, cake, marc	X		X(2)	X
Plants or algae	Composted, methanised	X	X	X(2)	X
Humic or similar substances (humic acids, fulvic acids, lignosulfonates), amino acids and hydrolysed proteins, biomolecules (enzymes, vitamins, antioxidants)		X			X
Microorganisms and their extracts and derivatives		X			X
Farmyard manure	Crude *	X (1)			X (4)
	Composted, processed**	X (1)			X (4)
	Methanised in ICPE installations under heading 2781-1 processing only category B1 methanisation inputs	X (1)			X (4)
Animal by-products other than farmyard manure	Composted, methanised,	X	X		X

	processed**				
Waste and effluent from the animal and vegetable agri-food industries		X			X

* not processed within the meaning of Regulation (EC) No 1069/2009 or the Order of 9 April 2018

** within the meaning of Regulation (EC) No 1069/2009 or the Order of 9 April 2018

(1) For categories A1 and A2 only.
(2) Except dioxins and PCBs outside a reported pollution context.
(3) Except PCBs outside a reported pollution context.
(4) For categories A1 only.
(5) As defined in Annex II, Part II, CMC 15 of Regulation EU 2019/1009.

ANNEX VI

Declaration of conformity:

Identification of producer of fertiliser/growing medium

- Name:
- Address:

- Telephone number:
- Email:

Certifying body identification

- Body responsible for monitoring the criteria for end-of-waste status:
…… ;
- Reference of the certificate provided to the certifying body by the accrediting body and date of issue:
……..…… ;

- Date of the last inspection carried out by the certifying body: ……..…….. ;

Identification of the material

- Legal name of the fertiliser or the growing medium in accordance with Articles 1 and 5 and Annexes I and V of the Ministerial Order of XX establishing the values and procedures for assessing the safety and end-of-waste status criteria for fertilisers and growing media:
…… ;
- Reference of the standard used for placing on the market: ……..…….;
- Batch number: ……..…..;

- Quantity of fertiliser corresponding to batch: …….. ;
- List of constituent input materials in descending order of composition and expressed as a percentage of raw material:
……
……
…… ;
- Manufacturing process: …… ;
- Health and safety approval number where animal by-products are processed: …… ;

I, the undersigned, ...,

hereby certify that the above information is accurate and was drawn up in good faith, and that this batch was produced in accordance with all end-of-waste status criteria defined by the Decree of ... establishing the values and procedures for assessing the safety and end-of-waste status criteria for fertilisers and growing media.

Date

Signature