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Title : **Analytical Report for Order 12306532**

Test report number : **AR-23-FR-012882-01**

Project name : **ba-fi-37-1-3**

Number of samples : **1**

Sample type: **biochar**

Date of sample taking : **2022-09-26**

Sample Taker: **not specified, sample(s) were delivered to lab**

Sample reception date : **2023-02-20**

Sample processing time : **2023-02-20 - 2023-03-27**

The test results refer solely to the analysed test specimen. Unless the sampling was done by our laboratory or in our sub-order the responsibility for the correctness of the sampling is disclaimed. This analytical report is only valid with signature and may only be further published completely and unchanged. Extracts or changes require the authorisation of the EUROFINS UMWELT in each individual case.

Our General Terms & Conditions of Sale (GTCS) are applicable, as far as no specific agreements do exist. The GTCS are available on <http://www.eurofins.de/umwelt/avb.aspx>.

Accredited test laboratory according to DIN EN ISO/IEC 17025:2018 DAkkS notification under the DAkkS German Accreditation System for Testing. The laboratory is according (D-PL-14081-01-00) accredited.

Attachments

XML_Export_AR-23-FR-012882-01.xml

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Digitally signed 3/27/2023
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Prüfleitung



Parameter	Lab	Accr.	Method	Limit values						Description		sp-fi-37-1-3-1		
				EBC-Feed	EBC-Agro Organic	EBC-Agro	EBC-Urban	EBC-Consumer Materials	EBC-Basic Materials	Date and time of sample taking		2022-09-26		
										Sample number		123022760		
										LOQ	Unit		ar	db
Biochar properties														
Bulk density < 3 mm	FR		based on VDLUFA-Methode A 13.2.1								kg/m ³	-	-	86
specific surface (BET)	SND2/0		DIN ISO 9277: 2014								m ² /g	-	-	398.65
water holding capacity (WHC) < 2 mm	FR		DIN EN ISO 14238, A: 2014-03								%	-	-	318.0
Moisture	FR	F5	DIN 51718: 2002-06							0.1	% (w/w)	-	23.2	-
Ash content (550°C)	FR	F5	DIN 51719: 1997-07							0.1	% (w/w)	-	1.3	1.7
Total carbon	FR	F5	DIN 51732: 2014-07							0.2	% (w/w)	-	73.1	95.2
carbon (organic)	FR		Calculation								% (w/w)	-	72.8	94.8
Hydrogen	FR	F5	DIN 51732: 2014-07							0.1	% (w/w)	-	0.6	0.8
Total nitrogen	FR	F5	DIN 51732: 2014-07							0.05	% (w/w)	-	0.58	0.75
Sulphur (S), total	FR	F5	DIN 51724-3: 2012-07							0.03	% (w/w)	-	< 0.03	< 0.03
Oxygen	FR	F5	DIN 51733: 2016-04								% (w/w)	-	1.6	2.1
Total inorganic carbon (TIC)	FR	F5	DIN 51726: 2004-06							0.1	% (w/w)	-	0.3	0.4
carbonate-CO2	FR	F5	DIN 51726: 2004-06							0.4	% (w/w)	-	1.0	1.4
H/C ratio (molar)	FR		Calculation									-	0.10	0.10
H/Corg ratio (molar)	FR		Calculation	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7			-	0.10	0.10
O/C ratio (molar)	FR		Calculation									-	0.016	0.017
Volatile Compounds	FR	F5	DIN 51720: 2001-03							0.2	% (w/w)	-	1.8	2.3
pH in CaCl2	FR		DIN ISO 10390: 2005-12									-	9.5	-
salt content	FR		BGK III. C2: 2006-09							0.005	g/kg	-	2.07	-
salt content	FR		BGK III. C2: 2006-09							0.005	g/l	-	0.178	-
Conductivity at 1,2 t pressure	FR		Internal Method SAA-H-Lf-Pflanzenkohle.040							0.01	mS/cm	-	-	640

Parameter	Lab	Accr.	Method	Limit values						Description		sp-fi-37-1-3-1		
				EBC-Feed	EBC-Agro Organic	EBC-Agro	EBC-Urban	EBC-Consumer Materials	EBC-Basic Materials	LOQ	Unit	Date and time of sample taking	Sample number	ar
Conductivity at 2 t pressure	FR		Internal Method SAA-H-Lf-Pflanzenkohle.040							0.01	mS/cm	-	-	970
Conductivity at 3 t pressure	FR		Internal Method SAA-H-Lf-Pflanzenkohle.040							0.01	mS/cm	-	-	1200
Conductivity at 4 t pressure	FR		Internal Method SAA-H-Lf-Pflanzenkohle.040							0.01	mS/cm	-	-	1200
Conductivity at 5 t pressure	FR		Internal Method SAA-H-Lf-Pflanzenkohle.040							0.01	mS/cm	-	-	1400
Protein, crude	FR	F5	VDLUFA Methodenbuch Band III: 2014-09								% (w/w) dm	not determined	-	-
Fat, crude	FR	F5	VDLUFA Methodenbuch Band III: 2014-09								% (w/w) dm	not determined	-	-
Crude fibre	FR	F5	VDLUFA Methodenbuch Band III: 2014-09								% (w/w) dm	not determined	-	-
Crude ash	FR	F5	DIN 51719: 1997-07							0.1	% (w/w)	-	1.3	1.7
HCl-insoluble ash	ES005 A/o		VDLUFA III 8.2								Ma.-% Raw Product	0.03	-	-
Fluor total (F)	ES005 A/o	WV	VDLUFA III, 17.3.2: 2006	150							mg/kg 88% DM	< 10	-	-

Polychlorinated dibenzodioxins/-furans (17 PCDD/F) by GC-HRMS

2,3,7,8-TetraCDD	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.03	ng/kg 88% DM	< 0.03	-	-
1,2,3,7,8-PentaCDD	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.03	ng/kg 88% DM	< 0.03	-	-
1,2,3,4,7,8-HexaCDD	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.04	ng/kg 88% DM	< 0.04	-	-

Parameter	Lab	Accr.	Method	Limit values						Description		sp-fi-37-1-3-1		
				EBC-Feed	EBC-Agro Organic	EBC-Agro	EBC-Urban	EBC-Consumer Materials	EBC-Basic Materials	Date and time of sample taking	Sample number			
				LOQ	Unit	ar	db							
1,2,3,6,7,8-HexaCDD	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.04	ng/kg 88% DM	< 0.04	-	-
1,2,3,7,8,9-HexaCDD	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.04	ng/kg 88% DM	< 0.04	-	-
1,2,3,4,6,7,8-HeptaCDD	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.13	ng/kg 88% DM	0.48	-	-
OctaCDD	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.44	ng/kg 88% DM	1.9	-	-
2,3,7,8-TetraCDF	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.04	ng/kg 88% DM	< 0.04	-	-
1,2,3,7,8-PentaCDF	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.03	ng/kg 88% DM	< 0.03	-	-
2,3,4,7,8-PentaCDF	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.03	ng/kg 88% DM	< 0.03	-	-
1,2,3,4,7,8-HexaCDF	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.04	ng/kg 88% DM	< 0.04	-	-
1,2,3,6,7,8-HexaCDF	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.04	ng/kg 88% DM	< 0.04	-	-
1,2,3,7,8,9-HexaCDF	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.04	ng/kg 88% DM	< 0.04	-	-
2,3,4,6,7,8-HexaCDF	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.04	ng/kg 88% DM	< 0.04	-	-
1,2,3,4,6,7,8-HeptaCDF	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.22	ng/kg 88% DM	< 0.22	-	-
1,2,3,4,7,8,9-HeptaCDF	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.22	ng/kg 88% DM	< 0.22	-	-
OctaCDF	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.44	ng/kg 88% DM	< 0.44	-	-

										Description		sp-fi-37-1-3-1		
										Date and time of sample taking		2022-09-26		
										Sample number		123022760		
Parameter	Lab	Accr.	Method	Limit values						LOQ	Unit		ar	db
				EBC-Feed	EBC-Agro Organic	EBC-Agro	EBC-Urban	EBC-Consumer Materials	EBC-Basic Materials					
WHO(2005)-PCDD/F TEQ (lower-bound)	SCT6/o	A04	Verordnung (EG) Nr. 152/2009								ng/kg 88% DM	0.01	-	-
WHO(2005)-PCDD/F TEQ (upper-bound)	SCT6/o	A04	Verordnung (EG) Nr. 152/2009	0.75						0.11	ng/kg 88% DM	< 0.11	-	-
WHO(2005)-PCDD/F+PCB TEQ (upper-bound)	SCT6/o	A04	Verordnung (EG) Nr. 152/2009	1.25						0.17	ng/kg 88% DM	0.17	-	-
Polychlorinated biphenyl (12 WHO PCB) by GC-HRMS														
PCB 77	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							4.4	ng/kg 88% DM	9.2	-	-
PCB 81	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.40	ng/kg 88% DM	0.60	-	-
PCB 105	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							15	ng/kg 88% DM	26	-	-
PCB 114	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							4.0	ng/kg 88% DM	5.0	-	-
PCB 118	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							44	ng/kg 88% DM	73	-	-
PCB 123	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							4.0	ng/kg 88% DM	< 4.0	-	-
PCB 126	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.40	ng/kg 88% DM	< 0.40	-	-
PCB 156	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							4.0	ng/kg 88% DM	17	-	-
PCB 157	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							4.0	ng/kg 88% DM	< 4.0	-	-
PCB 167	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							4.0	ng/kg 88% DM	8.0	-	-

Parameter	Lab	Accr.	Method	Limit values						Description		sp-fi-37-1-3-1		
				EBC-Feed	EBC-Agro Organic	EBC-Agro	EBC-Urban	EBC-Consumer Materials	EBC-Basic Materials	LOQ	Unit	Date and time of sample taking	Sample number	ar
PCB 169	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.40	ng/kg 88% DM	< 0.40	-	-
PCB 189	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							4.0	ng/kg 88% DM	< 4.0	-	-
WHO(2005)-PCB TEQ (upper-bound)	SCT6/o	A04	Verordnung (EG) Nr. 152/2009							0.06	ng/kg 88% DM	0.06	-	-
WHO(2005)-PCB TEQ (lower-bound)	SCT6/o	A04	Verordnung (EG) Nr. 152/2009								ng/kg 88% DM	0.00	-	-
Polychlorinated biphenyl (7 PCB) by GC-HRMS														
PCB 28	SCT6/o	A04	DIN EN 16215: 2020-05							0.18	µg/kg 88% DM	1.0	-	-
PCB 52	SCT6/o	A04	DIN EN 16215: 2020-05							0.18	µg/kg 88% DM	0.48	-	-
Total 6 ndl-PCB (lower-bound)	SCT6/o	A04	DIN EN 16215: 2020-05								µg/kg 88% DM	1.9	-	-
Total 6 ndl-PCB (upper bound)	SCT6/o	A04	DIN EN 16215: 2020-05	10						1.1	µg/kg 88% DM	2.3	-	-
PCB 101	SCT6/o	A04	DIN EN 16215: 2020-05							0.18	µg/kg 88% DM	0.20	-	-
PCB 138	SCT6/o	A04	DIN EN 16215: 2020-05							0.18	µg/kg 88% DM	< 0.18	-	-
PCB 153	SCT6/o	A04	DIN EN 16215: 2020-05							0.18	µg/kg 88% DM	0.22	-	-
PCB 180	SCT6/o	A04	DIN EN 16215: 2020-05							0.18	µg/kg 88% DM	< 0.18	-	-

Parameter	Lab	Accr.	Method	Limit values						Description		sp-fi-37-1-3-1		
				EBC-Feed	EBC-Agro Organic	EBC-Agro	EBC-Urban	EBC-Consumer Materials	EBC-Basic Materials	Date and time of sample taking		2022-09-26		
										LOQ	Unit	Sample number		
											ar	db		

Elements from the micro wave pressure digestion acc. to DIN 22022-1: 2014-07

Arsenic (As)	FR	F5	DIN EN ISO 17294-2 (E29): 2017-01		13	13	13	13		0.8	mg/kg	-	-	< 0.8
Lead (Pb)	FR	F5	DIN EN ISO 17294-2 (E29): 2017-01		45	120	120	120		2	mg/kg	-	-	< 2
Cadmium (Cd)	FR	F5	DIN EN ISO 17294-2 (E29): 2017-01		0.7	1.5	1.5	1.5		0.2	mg/kg	-	-	< 0.2
Copper (Cu)	FR	F5	DIN EN ISO 17294-2 (E29): 2017-01	70	70	100	100	100		1	mg/kg	-	-	4
Nickel (Ni)	FR	F5	DIN EN ISO 17294-2 (E29): 2017-01	25	25	50	50	50		1	mg/kg	-	-	< 1
Mercury (Hg)	FR	F5	DIN 22022-4: 2001-02		0.4	1	1	1		0.07	mg/kg	-	-	< 0.07
Zinc (Zn)	FR	F5	DIN EN ISO 17294-2 (E29): 2017-01	200	200	400	400	400		1	mg/kg	-	-	13
Chromium (Cr)	FR	F5	DIN EN ISO 17294-2 (E29): 2017-01	70	70	90	90	90		1	mg/kg	-	-	4
Boron (B)	FR	F5	DIN EN ISO 17294-2 (E29): 2017-01							1	mg/kg	-	-	8
Manganese (Mn)	FR	F5	DIN EN ISO 17294-2 (E29): 2017-01							1	mg/kg	-	-	594
Silver (Ag)	FR	F5	DIN EN ISO 17294-2 (E29): 2017-01							5	mg/kg	-	-	< 5

Elements from the pressure digestion acc. to DIN EN 13805: 2014-12

Arsenic (As)	ES005 A/o	WV	DIN EN ISO 17294-2 (E29): 2017-01	2							mg/kg 88% DM	0.045	-	-
Lead (Pb)	ES005 A/o	WV	DIN EN ISO 17294-2 (E29): 2017-01	10							mg/kg 88% DM	0.040	-	-
Cadmium (Cd)	ES005 A/o	WV	DIN EN ISO 17294-2 (E29): 2017-01	0.8							mg/kg 88% DM	0.0032	-	-
Mercury (Hg)	ES005 A/o	WV	DIN EN 15763:2010-04	0.1							mg/kg 88% DM	0.0023	-	-

Parameter	Lab	Accr.	Method	Limit values						Description		sp-fi-37-1-3-1			
				EBC-Feed	EBC-Agro Organic	EBC-Agro	EBC-Urban	EBC-Consumer Materials	EBC-Basic Materials	LOQ	Unit	Date and time of sample taking	Sample number	ar	db
													2022-09-26		
													123022760		

Elements fr. the borate digestion of ash 550 °C acc. to DIN 51729-11:1998-11(AR)

Calcium as CaO	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	% (w/w)	-	-	40.4
Iron as Fe ₂ O ₃	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	% (w/w)	-	-	0.8
Potassium as K ₂ O	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	% (w/w)	-	-	19.5
Magnesium as MgO	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	% (w/w)	-	-	6.5
Sodium as Na ₂ O	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	% (w/w)	-	-	1.7
Phosphorus as P ₂ O ₅	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	% (w/w)	-	-	3.3
sulphur as SO ₃	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	% (w/w)	-	-	1.4
Silicon as SiO ₂	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	% (w/w)	-	-	7.6

Macronutrients

Total nitrogen	FR	F5	DIN 51732: 2014-07								0.5	g/kg	-	5.8	7.5
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Macronutrients-LiBO₂/Li₂B₄O₇/LiBr-melt of ash 550°C [DIN 51729-11:1998-11] (OS)

Phosphorus as P ₂ O ₅	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	g/kg	-	-	0.6
Potassium as K ₂ O	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	g/kg	-	-	3.4
Calcium as CaO	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	g/kg	-	-	7.0
Magnesium as MgO	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	g/kg	-	-	1.1
Sodium as Na ₂ O	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	g/kg	-	-	0.3
sulphur as SO ₃	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	g/kg	-	-	0.2

Parameter	Lab	Accr.	Method	Limit values						Description		sp-fi-37-1-3-1			
				EBC-Feed	EBC-Agro Organic	EBC-Agro	EBC-Urban	EBC-Consumer Materials	EBC-Basic Materials	Date and time of sample taking		2022-09-26			
										Sample number		123022760			
											LOQ	Unit		ar	db
Elements fr. the borate digestion of ash 550°C acc. to DIN 51729-11:1998-11(OS)															
Iron (Fe)	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	g/kg	-	-	0.1
Silicon (Si)	FR	F5	DIN EN ISO 11885 (E22): 2009-09								0.1	g/kg	-	-	0.6
Organic contaminants from toluene extraction acc. to EN 16181:2019-08 (method 2)															
Naphthalene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	2.1
Acenaphthylene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	0.2
Acenaphthene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	0.2
Fluorene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	0.1
Phenanthrene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	0.2
Anthracene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	< 0.1
Fluoranthene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	0.2
Pyrene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	< 0.1
Benz(a)anthracene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	< 0.1
Chrysene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	< 0.1
Benzo(b)fluoranthene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	< 0.1
Benzo(k)fluoranthene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	< 0.1
Benzo(a)pyrene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	< 0.1
Indeno(1,2,3-cd)pyrene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	< 0.1
Dibenz(a,h)anthracene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	< 0.1
Benzo(g,h,i)perylene	FR	F5	DIN EN 16181:2019-08								0.1	mg/kg	-	-	< 0.1
Total 8 EFSA-PAH excl. LOQ	FR	F5	DIN EN 16181:2019-08	1	1	1	1	1	4			mg/kg	-	-	(n. c.) ¹⁾
Total 16 EPA-PAH excl. LOQ	FR	F5	DIN EN 16181:2019-08		4 ²⁾	6 ²⁾						mg/kg	-	-	3.0
Benzo(e)pyrene	FR	F5	DIN EN 16181:2019-08	< 1	< 1	< 1	< 1	< 1	< 1		0.1	mg/kg	-	-	< 0.1
Benzo-(j)-fluoranthene	FR	F5	DIN EN 16181:2019-08	< 1	< 1	< 1	< 1	< 1	< 1		0.1	mg/kg	-	-	< 0.1

Explanations

LOQ - Limit of quantification

ar - as received

db - dry basis

Lab - Abbreviation of the performing laboratory

Accr. - Abbreviation of the accreditation of the performing laboratory

Comments for results

¹⁾ not calculable

not determined:

These methods apply for animal feed conventional type. The methods are not validated for the matrix biochar and can lead to implausible results.

"Crude protein, crude fiber and crude fat are completely decomposed in the course of complete pyrolysis and are therefore no longer present in biochar. A biochar is considered to be completely pyrolyzed if the H / Corg ratio is < 0.7, which is the prerequisite for EBC certification. Thus, the analysis of crude protein, crude fiber and crude fat is not required and set by definition as 0 g kg⁻¹." [1]

[1] EBC (2012-2022) 'European Biochar Certificate - Guidelines for a Sustainable Production of Biochar.' European Biochar Foundation (EBC), Arbaz, Switzerland. (<http://european-biochar.org>). Version 10.1E from 10th Jan 2022

The parameters identified by ES005A have been performed by the laboratory SGS Analytics Germany GmbH (Jena) (Orlaweg 2, Jena). The accreditation code WV identifies the parameters accredited according to DIN EN ISO/IEC 17025:2018 DAkkS D-PL-14004-10-00 .

The parameters identified by FR have been performed by the laboratory Eurofins Umwelt Ost GmbH (Lindenstraße 11, Gewerbegebiet Freiberg Ost, Bobritzsch-Hilbersdorf). The accreditation code F5 identifies the parameters accredited according to DIN EN ISO/IEC 17025:2018 DAkkS D-PL-14081-01-00 .

The parameters identified by SCT6 have been performed by the laboratory Zentrum für Dioxinanalytik (ZfD) GmbH (Berneckerstraße 17-21, Bayreuth). The accreditation code A04 identifies the parameters accredited according to DIN EN ISO/IEC 17025:2018 DAkkS D-PL-19418-01-00 .

The parameters identified by SND2 have been performed by the laboratory Ruhr Lab GmbH (Glückaufstraße 56, Gelsenkirchen).

/o - The analysis has been outsourced.

Explanations regarding Limits

Analysis performed according to guidelines for the sustainable production of biochar - EBC, Version 10.1E - of 10/01/2022.

Ho,V / Hu,p: complies calorific value at constant volume or pressure

AR: related to ash

OS: related to original substance

- 2) The very low PAH limit values only allow an analytical accuracy of 50% for the limit value: "sum 16 EPA-PAH" of 4 mg/kg and of 40% for the limit value of 6 mg/kg which implies an accuracy of ± 2 mg/kg db and ± 2.4 mg/kg db, respectively.

The presentation of comparative values in the analytical report is a service provided by EUROFINS UMWELT. The cited comparative values (limit, guideline or other allocation values) are partially simplified and do not take into account all comments, ancillary provisions and/or exemptions of the corresponding regulations.