

**PURECOAL® - Charbon actif végétal BIO (France)**
*Issu du bois de châtaignier - Castanea sativa Mill.*

Agriculture biologique certifié FR-BIO-01

**Certificat d'analyse**

Indice 8 (04/04/2024)

N° Lot : 5236-ACBE240308-100B-FR-BIO

DDM : 03/2027

Caractéristiques Physiques	Spécification	Méthode	Résultats
Aspect	Poudre à granulométrie contrôlée	Visuelle	Conforme
Couleur	Noire	Visuelle	Conforme
Nature	Bois carbonisé puis activé à la vapeur	Interne	Conforme
Odeur	Inodore	Interne	Conforme
Référence sélectionnée	100B	Interne	Conforme
<b>Substance active</b>			
Taux de carbone fixe	≥ 95 %	Externe	Plan de contrôle
<b>Métaux lourds / Pureté</b>			
Plomb (Pb)	≤ 3 ppm	Externe	Conforme
Arsenic (As)	≤ 2 ppm	Externe	Conforme
Cadmium (Cd)	≤ 1 ppm	Externe	Conforme
Mercuré (Hg)	≤ 0,1 ppm	Externe	Conforme
Résidus de Pesticides	Aucun	Externe	Conforme
HAPs	≤ 50 ppb	Externe	< 40 ppb
Benzo(a)pyrène	≤ 10 ppb	Externe	< 10 ppb
Aflatoxines (B1/B2/G1/G2)	≤ 4 ppb	Externe	Plan de contrôle
<b>Microbiologie</b>			
Flore totale	< 10 000 CFU/g	Interne (NF ISO 4833)	Absence
Levures et Moisissures	< 100 CFU/g	Interne (ISO 21527-2)	Absence
Bactéries Gram-résistantes aux sels biliaires	< 100 CFU/g	Externe (NF V 08-054)	< 10 CFU/g
Escherichia Coli (1 g)	Absence	Externe (NF ISO 7251)	Absence
Salmonelles (25 g)	Absence	Externe (TRA-02-08-03-01)	Absence
Staphylocoques (1 g)	Absence	Externe (NF EN ISO 6888-3)	Absence
<b>Caractéristiques Physiques</b>			
Perte au séchage	≤ 5 %	Externe	4,68 %
Granulométrie	100 à 500 µm	Externe	Conforme
Taux de cendres sur sec	≤ 4 %	Ph. Eur. (9.6)	2,15 %
Solubilité (1 %)	Insoluble dans l'eau	Interne	Conforme
Densité apparente	0,15 - 0,4	Externe	Conforme
Densité tapée à 1250 coups	0,2 - 0,6	Ph. Eur. (9.4)	0,35
Taille des pores	≥ 92 % micropores (< 2 nm) ≤ 8 % mésopores (2-50 nm)	Interne	
Surface spécifique N.L.D.F.T.	≥ 800 m <sup>2</sup> /g	N.L.D.F.T. (H <sub>2</sub> + N <sub>2</sub> )	Conforme
dont B.E.T	≥ 400 m <sup>2</sup> /g	B.E.T. (N <sub>2</sub> )	Conforme
Pouvoir adsorbant (phénazone)	15-25 %	Pharmacopée européenne	16,0 %

**STOCKAGE**

Conserver dans un endroit sec et à température ambiante dans son emballage d'origine intact. Les informations ci-dessus sont basées sur nos connaissances actuelles. EXINNOV ne peut être tenue responsable en dehors des garanties inscrites sur ses fournitures. En raison du fait qu'il ne contrôle pas l'utilisation finale de ce produit. Il est de la responsabilité de l'acheteur de se conformer aux textes locaux et aux lois réglementant son activité et l'utilisation de ce produit.

 Service Contrôle Qualité  
 Adeline DUBOIS



**CERTIFICATE OF ANALYSES**

**ORGANIC ST MARY'S THISTLE FR 1:1 DE  
PR5378**

Batch: P24042327

COA Version:1

Edition date:

Wed, 15 May 2024

Manufactured: Mon, 13 May 2024

Best before:

Wed, 13 May 2026

**Organic labelling regulation  
(UE) 2018/848 - art.32):**

*BIO = FR-BIO-01*

**Botanical kind:**

*Compositae Silybum marianum (L.) Gaertner*

**Part of the plant:**

*Dried fruit (achene)*

**Ratio plant / final extract:**

*1 to 1 (a)*

**Extraction solvent(s):**

*Water*

**Carrier(s):**

*Organic wheat maltodextrin*

**DESCRIPTION**

	Specifications	Method and reference	Result
Appearance	<i>Powder</i>		<i>Powder</i>
Color	<i>Off-white to light brown</i>		<i>Light beige</i>

**ANALYSES**

	Specifications		Method and reference	Result
	Min	Max		
Identification (raw material) (4)	<i>Complies</i>		<i>MO-102 - TLC, Eur. Ph. (01/2014:1860), "Milk thistle fruit" monograph</i>	<i>Complies (4)</i>
Loss on drying [%] (11)	-	<i>8.00</i>	<i>MO-183 - Eur. Ph. (01/2008:20817) and (02/2008:20816)</i>	<i>1.84</i>
Bulk density	<i>0.30</i>	<i>0.70</i>	<i>MO-181 - Eur. Ph. (04/2019:20934)</i>	<i>0.51</i>
Screening [ % < 500 µm]	<i>95.0</i>	-	<i>MO-184 - Granulometer, internal method</i>	<i>100.0</i>

**CONTAMINANTS**

	Specifications		Method and reference	Result
	Min	Max		
Pb content [ppm] (4)	-	<i>&lt; 3.00</i>	<i>AE-01 - ICP, internal method</i>	<i>Complies (4)</i>
Cd content [ppm] (4)	-	<i>&lt; 1.00</i>	<i>AE-01 - ICP, internal method</i>	<i>Complies (4)</i>
Hg content [ppm] (4)	-	<i>&lt; 0.10</i>	<i>AE-01 - ICP, internal method</i>	<i>Complies (4)</i>
Pesticides content [ppm] (4)	<i>&lt; detection limit</i>		<i>AE-02 - GC-MSMS/LC-MSMS, internal method</i>	<i>Complies (4)</i>
Benzo(a)pyrene content [ppb] (4)	-	<i>&lt; 10.0</i>	<i>AE-03 - GC-MS-MS, internal method</i>	<i>Complies (4)</i>



**CERTIFICATE OF ANALYSES**

**ORGANIC ST MARY'S THISTLE FR 1:1 DE  
PR5378**

<b>Pahs (sum of benzo(a) pyrene, benz(a) anthracene, benzo(b) fluoranthene and chrysene) content [ppb] (4)</b>	-	< 50.0	AE-03 - GC-MS-MS, internal method	Complies (4)
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<b>MICROBIOLOGY</b>	<b>Specifications</b>		<b>Method and reference</b>	<b>Result</b>
	<b>Min</b>	<b>Max</b>		
<b>Total aerobic microbial count [CFU/g] (1)</b>	-	< 10 000	AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)	< 100
<b>Total yeasts/moulds count [CFU/g] (1)</b>	-	< 100	AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)	< 10
<b>Salmonella content [ /25g]</b>	Absent		AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)	Absent
<b>Bile-tolerant Gram negative bacteria content [CFU/g]</b>	-	< 100	AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)	< 10
<b>Escherichia coli content [ /g]</b>	Absent		AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)	Absent

(1) Acceptable maximal count: 5 times the acceptance criterion according to Eur. Ph. VIII° Ed. 5.1.8 Category B

(11) First ten batches

(4) HACCP based control plan defined annually according to risk analysis

**Best before/  
DMD (in  
months) :**

24

**Storage  
conditions:**

Store in closed original packaging at 5 to 25°C in a dry place and protected from light.



**CERTIFICATE OF ANALYSES**

**ORGANIC ST MARY'S THISTLE FR 1:1 DE  
PR5378**

**Complementary data** (a): Variable indicative raw material ratio depending on productions and / or variability of the raw material. Non contractual data.

*This reference is neither an Active Pharmaceutical Ingredient nor an excipient for pharmaceutical use  
Responsibility of final labelling lies with the company placing the final product on the market.*

*- Complies with French decrees (2006-352 and 24th June 2014)*

*- According to Regulation 1999/3/EC, and its modifications, has not been ionized.*

*- According to the Regulations 2001/18/EC, 1829/2003 and 1830/2003, and its modifications, the above mentioned item does not contain deliberately added GMO. (fortuitous or technically inevitable traces could be detected at less than 0,9%)*

*- The product does not contain TSE/BSE substances*

**Quality Assurance Manager**

**Nina CHIARO**



**CERTIFICATE OF ANALYSES**

**ORGANIC EUROPEAN WHITE BIRCH LE 5:1 DE  
PR1427**

Batch: P24042328

COA Version:1

Edition date: Wed, 15 May 2024

Manufactured: Mon, 13 May 2024

Best before: Wed, 13 May 2026

**Organic labelling regulation  
(UE) 2018/848 - art.32):**

*BIO = FR-BIO-01*

**Botanical kind:**

*Betulaceae Betula pendula Roth*

**Part of the plant:**

*Leaf*

**Ratio plant / final extract:**

*5 to 1 (a)*

**Extraction solvent(s):**

*Water*

**Carrier(s):**

*Organic wheat maltodextrin*

**DESCRIPTION**

	Specifications		Method and reference	Result
	Min	Max		
<b>Appearance</b>	<i>Thin powder</i>			<i>Powder</i>
<b>Color</b>	<i>Light brown to dark brown</i>			<i>Beige greyish</i>
<b>Solubility</b>	<i>To be tested following the degree of incorporation</i>			<i>Not done</i>

**ANALYSES**

	Specifications		Method and reference	Result
	Min	Max		
<b>Methyl salicylate content [%] (4)</b>	<i>Indicative value</i>		<i>AE-36 - GC-MS, internal method</i>	<i>Complies (4)</i>
<b>Identification (raw material) (4)</b>	<i>Complies</i>		<i>MO-65 - TLC, Eur. Ph. (04/2013:1174), "White birch leaf" monograph</i>	<i>Complies (4)</i>
<b>Loss on drying [%]</b>	-	<i>8.00</i>	<i>MO-183 - Eur. Ph. (01/2008:20817) and (02/2008:20816)</i>	<i>Complies</i>
<b>Bulk density</b>	<i>0.30</i>	<i>0.70</i>	<i>MO-181 - Eur. Ph. (04/2019:20934)</i>	<i>0.61</i>
<b>pH (1% in demineralized water)</b>	<i>4.0</i>	<i>6.0</i>	<i>MO-03 - pH-meter, Eur. Ph. (07/2016:20203), "Potentiometric determination of pH" monograph</i>	<i>Complies</i>
<b>Screening [ % &lt; 500 µm]</b>	<i>95.0</i>	-	<i>MO-184 - Granulometer, internal method</i>	<i>100.0</i>

**CONTAMINANTS**

	Specifications		Method and reference	Result
	Min	Max		
<b>Pb content [ppm] (4)</b>	-	<i>&lt; 3.00</i>	<i>AE-01 - ICP, internal method</i>	<i>Complies (4)</i>
<b>Cd content [ppm] (4)</b>	-	<i>&lt; 1.00</i>	<i>AE-01 - ICP, internal method</i>	<i>Complies (4)</i>

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**CERTIFICATE OF ANALYSES**

**ORGANIC EUROPEAN WHITE BIRCH LE 5:1 DE  
PR1427**

<b>Hg content [ppm] (4)</b>	-	< 0.10	AE-01 - ICP, internal method	Complies (4)
<b>As content [ppm] (4)</b>	-	< 1.00	AE-01 - ICP, internal method	Complies (4)
<b>Pesticides content [ppm] (4)</b>	< detection limit		AE-02 - GC-MSMS/LC-MSMS, internal method	Complies (4)
<b>Benzo(a)pyrene content [ppb] (4)</b>	-	< 10.0	AE-03 - GC-MS-MS, internal method	Complies (4)
<b>Pahs (sum of benzo(a) pyrene, benz(a) anthracene, benzo(b) fluoranthene and chrysene) content [ppb] (4)</b>	-	< 50.0	AE-03 - GC-MS-MS, internal method	Complies (4)

<b>MICROBIOLOGY</b>	<b>Specifications</b>		<b>Method and reference</b>	<b>Result</b>
	<b>Min</b>	<b>Max</b>		
<b>Total aerobic microbial count [CFU/g] (1)</b>	-	< 10 000	AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)	790
<b>Total yeasts/moulds count [CFU/g] (1)</b>	-	< 100	AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)	< 10
<b>Salmonella content [ /25g]</b>	Absent		AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)	Absent
<b>Bile-tolerant Gram negative bacteria content [CFU/g]</b>	-	< 100	AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)	< 10
<b>Escherichia coli content [ /g]</b>	Absent		AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)	Absent

(1) Acceptable maximal count: 5 times the acceptance criterion according to Eur. Ph. VIII° Ed. 5.1.8 Category B

(4) HACCP based control plan defined annually according to risk analysis

**Best before/  
DMD (in  
months) :**

24

**Storage  
conditions:**

Store in closed original packaging at 5 to 25°C in a dry place and protected from light.



**CERTIFICATE OF ANALYSES**

**ORGANIC EUROPEAN WHITE BIRCH LE 5:1 DE  
PR1427**

**Complementary data** (a): Variable indicative raw material ratio depending on productions and / or variability of the raw material. Non contractual data.

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*- Complies with French decrees (2006-352 and 24th June 2014)*

*- According to Regulation 1999/3/EC, and its modifications, has not been ionized.*

*- According to the Regulations 2001/18/EC, 1829/2003 and 1830/2003, and its modifications, the above mentioned item does not contain deliberately added GMO. (fortuitous or technically inevitable traces could be detected at less than 0,9%)*

*- The product does not contain TSE/BSE substances*

**Quality Assurance Manager**

**Nina CHIARO**

## Certificate of Analysis

**CA003079**

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<b>Product Description</b>	Organic* Chlorella Powder China Origin
<b>Latin Name</b>	<i>Chlorella vulgaris Beijerinck</i>
<b>Product Code</b>	MP0000174
<b>Batch Number</b>	LOT00003202
<b>Production Date</b>	08/10/21
<b>Best Before Date</b>	07/10/25

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
<b>ORIGIN</b>					
ORIGIN	China				
<b>ORGANOLEPTIC</b>					
TEXTURE	Powder			Powder	
COLOR	Dark green			Dark green	
ODOR	Characteristic			Characteristic	
<b>PHYSICAL AND CHEMICAL***</b>					
LOSS ON DRYING			8,00	2,60	%
BULK DENSITY		0,500	0,700	Complies	G/ML
PARTICULE SIZE	100			Complies	MESH
<b>ASSAY **/****</b>					
Total carotenoids		500,00	1 000,00	Complies	MG/100G
Chlorophyll		1 500,00	3 000,00	Complies	MG/100G
Iron		100,00	120,00	Complies	MG/100G
<b>MICROBIOLOGICAL**/****</b>					
TOTAL PLATE COUNT			100 000	< 400	CFU/G
YEAST AND MOULD			300	< 10	CFU/G
SULFITO REDUCING ANAEROBIC			100	< 10	CFU/G
FECAL COLIFORMS			10	ND	CFU/G
CLOSTRIDIUM PERFRINGENS			1	Complies	CFU/G



## Certificate of Analysis

**CA003079**

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Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
E COLI			0	Absence	CFU/10G
STAPHYLOCOCCUS AUREUS			0	Absence	CFU/10G
SALMONELLA			0	Absence	CFU/25G
<b>HEAVY METALS**/***</b>					
CADMIUM			0,500	Complies	PPM
LEAD			2,000	< 0,500	PPM
MERCURY			0,100	Complies	PPM
ARSENIC			1,000	< 0,500	PPM
<b>CONTAMINANT</b>					
ETO			0,02	Not detected	PPM
IODIN			2 000,000	< 0,200	PPM
TIN			5,000	ND	PPM
MICROCYSTINS			1,0	Complies	PPB

### ALLERGENS

SULPHUR DIOXIDE AND SULPHITES > 10mg/kg

**Signed by:**

GRANET Chloé

**Certification Date :**

14/05/24

\*Product certified by ECOCERT FR-BIO-01

\*\*According to a control plan

\*\*\*Based on our producer's information

\*\*\*\*Acceptable maximal count: 5 times the acceptance criterion according to European Pharmacopoeia X° Edition 5.1.8 Category B or C  
(1) By calculation

Abbreviations: ND: not determined / NA: not applicable / HA : Hydroalcoholic / PE: Powder extract / FE : Fluid extract / SE : Soft extract  
For herbal product : there is likely to be minor colour variation from batch to batch because of the seasonal variations of raw materials. Colour change will not affect the quality and efficacy of the product.

**ORGANIC LEMON PEEL Powder 500µm 1.5% Flavonoids**  
**Product code : 3OTF051601**  
**Batch : 024/24-L/A-09**  
**Product certified FR-BIO-01**

Date of production: 04/2023  
Expiry date: 04/2025

<b>ORIGIN</b>	<ul style="list-style-type: none"> <li>Europe, Spain</li> </ul>
<b>FAMILY, BOTANICAL NAME</b>	<ul style="list-style-type: none"> <li>Rutaceae - Citrus limon (L.) Burm. F.</li> </ul>
<b>PART OF PLANT USED</b>	<ul style="list-style-type: none"> <li>Peel</li> </ul>
<b>CULTURE CONDITION</b>	<ul style="list-style-type: none"> <li>Cultivated</li> </ul>
<b>DESCRIPTION</b>	<ul style="list-style-type: none"> <li>Organic dry lemon peel is a natural product obtained of naturally, matured, sound organically cultivated lemons. The product is dried and filled immediately to assure its preservation. It contains no additives.</li> </ul>

**ORGANOLEPTIC CHARACTERISTICS**

<b>APPEARANCE</b>	<ul style="list-style-type: none"> <li>Powder</li> </ul>	<ul style="list-style-type: none"> <li>Complies</li> </ul>
<b>COLOR</b>	<ul style="list-style-type: none"> <li>Yellow to brown</li> </ul>	<ul style="list-style-type: none"> <li>Complies</li> </ul>
<b>ODOR</b>	<ul style="list-style-type: none"> <li>Characteristic</li> </ul>	<ul style="list-style-type: none"> <li>Complies</li> </ul>
<b>TASTE</b>	<ul style="list-style-type: none"> <li>Characteristic</li> </ul>	<ul style="list-style-type: none"> <li>Complies</li> </ul>

**PHYSICAL AND CHEMICAL CHARACTERISTICS**

<b>LOSS ON DRYING</b>	<ul style="list-style-type: none"> <li>≤ 13.0 %</li> </ul>	<ul style="list-style-type: none"> <li>7.39 %</li> </ul>
<b>ASSAY : TOTAL FLAVONOIDS EXP AS HESPERIDIN (HPLC)</b>	<ul style="list-style-type: none"> <li>≥ 1.5 %</li> </ul>	<ul style="list-style-type: none"> <li>2.02 %</li> </ul>

**MICROBIOLOGICAL CHARACTERISTICS (EP current edition - Cat C)**

<b>BACTERIAL PLATE COUNT (DGAT)</b>	<ul style="list-style-type: none"> <li>≤ 10 000 000 CFU/g</li> </ul>	<ul style="list-style-type: none"> <li>&lt; 1 000 CFU/g</li> </ul>
<b>YEASTS &amp; MOULDS (DMLT)</b>	<ul style="list-style-type: none"> <li>≤ 100 000 CFU/g</li> </ul>	<ul style="list-style-type: none"> <li>&lt; 100 CFU/g</li> </ul>
<b>ENTEROBACTERIACEA</b>	<ul style="list-style-type: none"> <li>≤ 10 000 CFU/g</li> </ul>	<ul style="list-style-type: none"> <li>&lt; 100 CFU/g</li> </ul>
<b>E. COLI</b>	<ul style="list-style-type: none"> <li>Absent /g</li> </ul>	<ul style="list-style-type: none"> <li>Absent /g</li> </ul>
<b>SALMONELLA</b>	<ul style="list-style-type: none"> <li>Absent /25g</li> </ul>	<ul style="list-style-type: none"> <li>Absent /25g</li> </ul>

The analyses are performed by specialized laboratories (list on request).  
 Microbiological analyses were performed using the methods described in Ph. Eur. current edition § 2.6.12, 2.6.13 and 2.6.31 without applicability study.  
 The results given apply to the submitted sample only.  
 This certificate may only be reproduced in full.

<b>CONCLUSION</b>	<b>COMPLIES</b>
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Complies to original

Validated by Quality Assurance on 2024/01/29, version 1

**ORGANIC GINGER Rhizome Powder 300µm**  
**Product code : 3OPH056912**  
**Batch : 101/24-L/A-03**  
**Product certified FR-BIO-01**

Date of production: 04/2024

Expiry date: 04/2027

<b>ORIGIN</b>	<ul style="list-style-type: none"> <li>Nigeria</li> </ul>
<b>FAMILY, BOTANICAL NAME</b>	<ul style="list-style-type: none"> <li>Zingiberaceae, <i>Zingiber officinale Roscoe</i></li> </ul>
<b>PART OF PLANT USED</b>	<ul style="list-style-type: none"> <li>Rhizome</li> </ul>

**ORGANOLEPTIC CHARACTERISTICS**

APPEARANCE	<ul style="list-style-type: none"> <li>Fine powder</li> </ul>	<ul style="list-style-type: none"> <li>Complies</li> </ul>
COLOR	<ul style="list-style-type: none"> <li>Yellow</li> </ul>	<ul style="list-style-type: none"> <li>Complies</li> </ul>
ODOR	<ul style="list-style-type: none"> <li>Characteristic</li> </ul>	<ul style="list-style-type: none"> <li>Complies</li> </ul>
TASTE	<ul style="list-style-type: none"> <li>Characteristic</li> </ul>	<ul style="list-style-type: none"> <li>Complies</li> </ul>

**PHYSICAL AND CHEMICAL CHARACTERISTICS (EP current edition)**

LOSS ON DRYING	<ul style="list-style-type: none"> <li>≤ 10.0 %</li> </ul>	<ul style="list-style-type: none"> <li>9.75 %</li> </ul>
BULK DENSITY	<ul style="list-style-type: none"> <li>0.3 – 0.4</li> </ul>	<ul style="list-style-type: none"> <li>0.35</li> </ul>

**CONTAMINANTS**

PESTICIDES (GC AND LC-MS/MS)	<ul style="list-style-type: none"> <li>Complies to EU regulation n° 2018/848</li> </ul>	<ul style="list-style-type: none"> <li>Complies</li> </ul>
LEAD	<ul style="list-style-type: none"> <li>≤ 3.0 ppm</li> </ul>	<ul style="list-style-type: none"> <li>0.39 ppm</li> </ul>
CADMIUM	<ul style="list-style-type: none"> <li>≤ 1.0 ppm</li> </ul>	<ul style="list-style-type: none"> <li>0.03 ppm</li> </ul>
MERCURY	<ul style="list-style-type: none"> <li>≤ 0.1 ppm</li> </ul>	<ul style="list-style-type: none"> <li>&lt; 0.005 ppm</li> </ul>
ARSENIC	<ul style="list-style-type: none"> <li>≤ 1.0 ppm</li> </ul>	<ul style="list-style-type: none"> <li>0.041 ppm</li> </ul>
4PAH	<ul style="list-style-type: none"> <li>Benzo(a)pyrene ≤ 10.0 ppb</li> <li>4PAH ≤ 50.0 ppb</li> </ul>	<ul style="list-style-type: none"> <li>&lt; 0.5 ppb</li> <li>&lt; 2.0 ppb</li> </ul>
PA	<ul style="list-style-type: none"> <li>≤ 400 ppb</li> </ul>	<ul style="list-style-type: none"> <li>2.7 ppb</li> </ul>

**MICROBIOLOGICAL CHARACTERISTICS (EP current edition - Cat C)**

BACTERIAL PLATE COUNT (DGAT)	<ul style="list-style-type: none"> <li>≤ 100 000 CFU/g</li> </ul>	<ul style="list-style-type: none"> <li>&lt; 1 000 CFU/g</li> </ul>
YEASTS & MOULDS (DMLT)	<ul style="list-style-type: none"> <li>≤ 10 000 CFU/g</li> </ul>	<ul style="list-style-type: none"> <li>&lt; 1 000 CFU/g</li> </ul>
ENTEROBACTERIACEA	<ul style="list-style-type: none"> <li>≤ 10 000 CFU/g</li> </ul>	<ul style="list-style-type: none"> <li>&lt; 10 CFU/g</li> </ul>
E. COLI	<ul style="list-style-type: none"> <li>Absent /g</li> </ul>	<ul style="list-style-type: none"> <li>Absent /g</li> </ul>
SALMONELLA	<ul style="list-style-type: none"> <li>Absent /25g</li> </ul>	<ul style="list-style-type: none"> <li>Absent /25g</li> </ul>

The analyses are performed by specialized laboratories (list on request).  
 Microbiological analyses were performed using the methods described in Ph. Eur. current edition § 2.6.12, 2.6.13 and 2.6.31 without applicability study.  
 The results given apply to the submitted sample only.  
 This certificate may only be reproduced in full.

<b>CONCLUSION</b>	<b>COMPLIES</b>
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Complies to original

Validated by Quality Assurance on 2024/04/30, version 1

**CERTIFICATE OF ANALYSIS**

**ORGANIC CHIA DRY EXTRACT  
BIO = FR-BIO-01  
Ref: PR 5094**

Batch: P24051638  
Manufactured: 17.06.2024

Date: 2024, June 18<sup>th</sup>  
Shelf life: 17.06.2026

**CONTROLS**

**SPECIFICATIONS**

**RESULTS**

Botanical kind	Organic <i>Lamiaceae Salvia hispanica</i> L.	Standard
Part of the plant	Seed	Standard
Ratio plant / final extract	1 to1	Standard
Extraction solvent	Water	Standard
Description	Off white to beige yellowish powder	Light beige powder
Carrier	Organic manioc maltodextrin	Standard
Bulk density (Eur. Ph. VIII° Ed. 2.9.34)	0.40 – 0.80	0.52
Loss on drying (Eur. Ph. VIII° Ed. 2.8.17)	≤ 10.00%	5.08%
Screening (Internal method)	Min 95% < 500µm	Standard
Heavy metals (On request) (ICP, internal method)		
Pb	< 3.00 ppm	Not done
Cd	< 1.00 ppm	Not done
Hg	< 0.10 ppm	Not done
As	< 1.00 ppm	Not done
Pesticides (On request) (GC-MSMS/LC-MSMS, internal method)	< detection limit	Not done
PAH (On request)		
PAHs (sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene) (GC-MS, internal method)	< 50 µg/kg	Not done
Benzo(a)pyrene (GC-MS, internal method)	< 10 µg/kg	Not done

**MICROBIOLOGY**

Total aerobic microbial count (Pétrifilm™ / ISO 4833)	< 10 000 CFU / g *	1 719 CFU / g
Total yeasts/moulds count (Pétrifilm™ / AOAC 997.02)	< 100 CFU / g *	96 CFU / g
Salmonella (TECRA™ / ISO 6579)	Absent / 25g	Absent / 25g
Enterobacteria (Pétrifilm™ ISO 21528-2)	< 100 CFU / g	14 CFU / g
Escherichia coli (Pétrifilm™ / ISO 16649-2)	< 10 CFU / g	< 10 CFU / g

\*Acceptable maximal count: 5 times the acceptance criterion according to Eur. Ph. VIII° Ed 5.1.8 Category B

**Storage: Keep in a dry and clean place, protected from light.**

**QUALITY CONTROL**

  
Laboratory Manager