

F074
CoA – Certificado de Análise de
Produto (Certificate of Analysis)

Revisão 4.0



Certificate #: CoA0154

Revision: 1.0

Product Name	Medical Cannabis Dry Flower - AlephGreen 24/1 - 500g
Product Number	HBM0-F221-9039
Market/ MA #	Germany
Cultivar/Commercial Name	Doce da Casa
Batch Number	HB84179225
Manufacturer Name and Address	Sociedade Agrícola Monte das Barrocas, Lda Herdade das Barrocas IP2, Km 222, São Lourenço de Mamporcão 7100-650 ESTREMOZ PORTUGAL
Manufacturing Date	April/2025
Expiry Date / Re-test	October/2025 (6 months)

Identity Test			
Test	Method	Specification	Result
Macroscopic Identification (Identification A)	Monograph of Ph.Eur. 11.6 "Cannabis flower" (Visual)	Complies to the requirements of the monograph	Complies ⁽¹⁾
Microscopic Identification (Identification B)	Monograph of Ph.Eur. 11.6 "Cannabis flower" (Microscopy)	Complies to the requirements of the monograph	Complies ⁽¹⁾
HPTLC (Identification C)	Monograph of Ph.Eur. "Cannabis flower" Ph. Eur. 11.6 (2.8.25)	Complies to the requirements of the monograph	Complies ⁽¹⁾

Purity Test-Assay			
Test	Method	Specification	Result
Foreign Matter	Ph.Eur. (2.8.2)	≤2% if the herbal drug is to be prescribed to patients as a medicinal product, it does not contain any seeds and the whole herbal drug does not contain any leaves more than 1.0 cm in length.	Complies
Loss on Drying	Ph.Eur. (2.2.32)	≤12.0%	8.2%
Related Substances (CBN)	Internal Method (HB_QT_HPLC_EP_FL_2) Ph.Eur. (2.2.29)	≤1.0%	0.27%
THCA		± 10% from values stated on the label	21.2%
THC			0.4%
Total content of THCA+THC			21.6%

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Purity Test-Assay				
Test	Method	Specification	Result	
CBD	Internal Method (HB_QT_HPLC_EP_FL_2) Ph.Eur. (2.2.29)	± 10% from values stated on the label	< 0.2% (LOQ)	
CBDA			< 0.2% (LOQ)	
Total content of CBD and CBDA			< 0.2% (LOQ)	
Terpenes	Met_CQ_009/20 Rev.11	Informative	Alpha-pinene	0.2542 mg/g
			Camphene	0.0745 mg/g
			Beta-pinene	0.5195 mg/g
			Myrcene	3.5540 mg/g
			3 - carene	0.0023 mg/g
			Alpha-terpinene	0.0054 mg/g
			Cymene	0.0022 mg/g
			D.L-limonene	3.0921 mg/g
			Gamma-terpinene	0.0068 mg/g
			Terpinolene	0.0431 mg/g
			L-Fenchone	0.0269 mg/g
			Linalool	1.0680 mg/g
			Fenchol	0.2465 mg/g
			Camphor	0.0013 mg/g
			Iso-borneol	0.0051 mg/g
			Borneol	0.0793 mg/g
			D.L-Menthol	ND
			Alpha-terpineol	0.2849 mg/g
			B-citronellol	ND
			R-pulegone	ND
			Geraniol	0.0059 mg/g
			Geranyl acetate	ND
			Alpha-cedrene	0.0626 mg/g
			Beta-caryophellene	4.8946 mg/g
			Alpha-humulene	1.5239 mg/g
			Nerolidol	0.3627 mg/g
			Cedrol	ND

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Purity Test-Assay				
Test	Method	Specification	Result	
Terpenes	Met_CQ_009/20 Rev.11	Informative	Beta-eudesmol	0.0781 mg/g
			Alpha-bisabolol	0.4070 mg/g
			Phytol	0.2454 mg/g
Pesticides	Ph. Eur. 11.6 (2.8.13)	Complies with requirements of monograph	Complies	
Heavy Metals	Met_CQ_009/20 Rev.11 Ph. Eur. 11.6 (2.4.27)	Cadmium ≤ 1.0 ppm or ≤ 0.3 ppm if the herbal drug is to be prescribed to patients as a medicinal product	< 0.005 ppm (LOQ)	
		Lead ≤ 5.0 ppm or ≤ 0.5 ppm if the herbal drug is to be prescribed to patients as a medicinal product	< 0.020 ppm (LOQ)	
		Mercury ≤ 0.1 ppm	< 0.050 ppm (LOQ)	
		Arsenic Informative or ≤ 0.2 if the herbal drug is to be prescribed to patients as a medicinal product	< 0.020 ppm (LOQ)	
Mycotoxins	Met_CQ_009/20 Rev.11 Ph. Eur. 11.6 (2.8.18)	Aflatoxin B1 ≤ 2 µg/kg	< 0.25 µg/kg (LOD)	
		Sum (B1, B2, G1, G2) ≤ 4 µg/kg	< 0.5 µg/kg (LOQ)	
	Met_CQ_009/20 Rev.11 Ph. Eur. 11.6 (2.8.22)	Ochratoxin A ≤ 20 µg/kg	< 2 µg/kg (LOD)	

Microbiology Test-Assay			
Test	Method	Specification (Ph. Eur. 5.1.8.C)	Result
Total Aerobic Microbial Count (TAMC)	Internal Method Ph. Eur. 2.6.12 Ph. Eur. 2.6.31	$\leq 10^5$ CFU/g Maximum acceptable count: 500 000 CFU/g	< 1000 CFU/g
Total combined Yeasts and Molds Count (TYMC)		$\leq 10^4$ CFU/g Maximum acceptable count: 50 000 CFU/g	< 1000 CFU/g
Bile-tolerant gram negative bacteria		$\leq 10^4$ CFU/g	< 10^1 CFU/g
<i>E.coli</i>		Absence (g)	Absent (g)
<i>Salmonella</i>		Absence (25 g)	Absent (25 g)

Method: HPLC-DAD. LOQ=Limit of Quantification; ND=Not Detectable; NA=Not Applicable. When reporting totals and individuals, acidic cannabinoids are multiplied by 0.877 to account for loss of mass from decarboxylation upon heating. % assay and CBN "as is". ⁽¹⁾ According to RA001/24.

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Certification Statement

The above information is authentic and accurate. All analyses performed on this batch were performed in full compliance with **GMP requirements**.

Certification Status

☐ Provisional ☒ Final

Approval Status

☒ Approved ☐ Rejected OOS#: ____ N/A ____

Name: Marta Mota
(Quality Control)

Marta Mota

Assinado electronicamente por: Marta Mota
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Name: Jorge Godinho
(Founder and CEO)

Jorge Godinho

Assinado electronicamente por: Jorge Godinho
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Name: Joaquim Marques
(Qualified Person)

Joaquim Marques

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