

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

Revisão 4.0

Certificate #: CoA0289Revision: 2.0

Product Name	Medical Cannabis Dry Flower - 420 Evolution 25/1 PT ZMO
Product Number	HBM0-F221-9254
Market/ MA #	Germany
Cultivar/Commercial Name	ZMO
Batch Number	HB84187486
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	September 2026
Expiry Date / Re-test	March 2027 (6 months)

Identity Test			
Test	Method	Specification	Result
Macroscopic Identification (Identification A)	TIN00046, Eur. Ph. 12, 3028	Complies with monograph	Complies
Microscopic Identification (Identification B)	TIN00046, Eur. Ph. 12, 3028	Complies with monograph	Complies
HPTLC (Identification C)	TIN00046, Eur. Ph. 12, 3028	Complies with the Rf values for the standards of components of interests	Complies

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	TIN00046, Eur. Ph. 12, 3028	≤12.0%	7.8%
Related Substances (CBN)	TIN00046, Eur. Ph. 12, 3028	≤1.0%	0.10%
THCA		± 10% from values stated on the label	22.9%
THC			0.3%

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Purity Test-Assay			
Test	Method	Specification	Result
Total content of THCA+THC	TIN00046, Eur. Ph. 12, 3028	± 10% from values stated on the label	23.2%
CBD			< 0.2% (LOQ)
CBDA			< 0.2% (LOQ)
Total content of CBD and CBDA			< 0.2% (LOQ)
Pesticides	Ph. Eur. (2.8.13)	Complies with the Ph. Eur. monograph	Complies
Heavy Metals	Ph. Eur. (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	< 0.09 ppm (LOQ)
		Lead ≤ 5.0 ppm or ≤ 0.5 ppm if the herbal drug is to be prescribed to patients as a medicinal product	< 0.15 ppm (LOQ)
		Mercury ≤ 0.1 ppm	< 0.03 ppm (LOQ)
		Arsenic Informative or ≤ 0.2 if the herbal drug is to be prescribed to patients as a medicinal product	< 0.06 ppm (LOQ)
		Nickel Informative	< 0.60 ppm (LOQ)
		Zinc Informative	86.2 ppm
Mycotoxins	Ph. Eur. (2.8.18)	Aflatoxin B1 ≤ 2 µg/kg	< 1.0 µg/kg (LOD)
		Sum (B1, B2, G1, G2) ≤ 4 µg/kg	< 1.0 µg/kg (LOD)
	Ph. Eur. (2.8.22)	Ochratoxin A ≤ 20 µg/kg	< 5.0 µg/kg (LOD)

Microbiology Test-Assay			
Test	Method	Specification (Ph. Eur. 5.1.8.C)	Result
Total Aerobic Microbial Count (TAMC)	Ph. Eur. 2.6.12 Ph. Eur. 2.6.13 Ph. Eur. 2.6.31	≤ 10 ⁵ CFU/g Maximum acceptable count: 500 000 CFU/g	5.0 x 10 ¹ CFU/g (50 CFU/g)
Total combined Yeasts and Molds Count (TYMC)		≤ 10 ⁴ CFU/g Maximum acceptable count: 50 000 CFU/g	2.0 x 10 ² CFU/g (200 CFU/g)

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Microbiology Test-Assay			
Test	Method	Specification (Ph. Eur. 5.1.8.C)	Result
Bile-tolerant gram negative bacteria	Ph. Eur. 2.6.12 Ph. Eur. 2.6.13 Ph. Eur. 2.6.31	$\leq 10^4$ 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.

Certification Statement

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

Certification Status

☐ Provisional ☒ Final

Approval Status

☒ Approved ☐ Rejected OOS#: ____N/A____

Name: Marta Mota
(Quality Control)

Marta Mota

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

Jorge Godinho

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Name: Joaquim Marques
(Qualified Person)

Joaquim Marques

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