

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

Revisão 4.0



Certificate #: CoA0112

Revision: 1.0

Product Name	Medical Cannabis Dry Flower (retail) – AMI-BH22_100g
Product Number	HBM0-F221-9026
Market/ MA #	Germany
Cultivar/Commercial Name	Blueberry Headband
Batch Number	HB43175214
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	February/2025
Expiry Date / Re-test	August/2025 (6 months)

Identity Test			
Test	Method	Specification	Result
Identification Test A (Visual Examination)	Monograph of Ph.Eur. "Cannabis flower" (Visual)	According to the requirements of the monograph	Complies ⁽¹⁾
Identification Test B (Microscopic)	Monograph of Ph.Eur. "Cannabis flower" (Microscopy)	According to the requirements of the monograph	Complies ⁽¹⁾
Identification Test C (HPTLC)	Monograph of Ph.Eur. "Cannabis flower" Ph. Eur. 11.5 (2.8.25)	According 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%	10.3%
Related Substances (CBN)	Internal Method (HB_QT_HPLC_EP_FL_2) Ph.Eur. (2.2.29)	≤1.0%	0.17%
THCA		± 10% of declared content	20.9%
THC			0.4%
Total content of THCA+THC			21.3%
CBD			< 0.2% (LOQ)

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

Revisão 4.0



Purity Test-Assay				
Test	Method	Specification	Result	
CBDA	Internal Method (HB_QT_HPLC_EP_FL_2) Ph.Eur. (2.2.29)	± 10% of declared content	< 0.2% (LOQ)	
Total content of CBD and CBDA			< 0.2% (LOQ)	
Terpenes	HS-GC-MS (Met_CQ_009/20 rev.10)	Informative	Alpha-pinene	0.0944 mg/g
			Camphene	0.0263 mg/g
			Beta-pinene	0.2482 mg/g
			Myrcene	4.7412 mg/g
			3 - carene	0.0015 mg/g
			Alpha- terpinene	0.0074 mg/g
			Cymene	0.0011 mg/g
			D.L-limonene	0.7149 mg/g
			Gamma- terpinene	0.0069 mg/g
			Terpinolene	0.0172 mg/g
			L-Fenchone	ND
			Linalool	1.5265 mg/g
			Fenchol	0.1095 mg/g
			Camphor	ND
			Iso-borneol	ND
			Borneol	0.0421 mg/g
			D.L-Menthol	ND
			Alpha- terpineol	0.1477 mg/g
			B-citronellol	0.0125 mg/g
			R-pulegone	0.0021 mg/g
Geraniol	0.0145 mg/g			
Geranyl acetate	ND			
Alpha- cedrene	ND			
Beta- caryophellene	4.5631 mg/g			
Alpha- humulene	1.0149 mg/g			
Nerolidol	0.3586 mg/g			
Cedrol	ND			
Beta- eudesmol	0.0698 mg/g			

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

Revisão 4.0



Purity Test-Assay				
Test	Method	Specification	Result	
Terpenes	HS-GC-MS (Met_CQ_009/20 rev.10)	Informative	Alpha-bisabolol	0.3868 mg/g
			Phytol	0.2300 mg/g
Pesticides	Ph. Eur. (2.8.13)	Complies with requirements of monograph	Complies	
Heavy Metals	Met_CQ_009/20 Rev.10 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	0.018 ppm	
		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)	
		Niquel Informative	< 2.000 ppm (LOQ)	
		Zinc Informative	77.662 ppm	
Mycotoxins	Met_CQ_009/20 Rev.10 Ph. Eur. (2.8.18)	Aflatoxin B1 ≤ 2 $\mu\text{g}/\text{kg}$	< 0.25 $\mu\text{g}/\text{kg}$ (LOD)	
		Sum (B1, B2, G1, G2) ≤ 4 $\mu\text{g}/\text{kg}$	< 0.5 $\mu\text{g}/\text{kg}$ (LOQ)	
	Met_CQ_009/20 Rev.10 Ph. Eur. (2.8.22)	Ochratoxin A ≤ 20 $\mu\text{g}/\text{kg}$	< 2 $\mu\text{g}/\text{kg}$ (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. 2.6.13 Ph. Eur. 2.6.31	$\leq 10^5$ CFU/g Maximum acceptable count: 500 000 CFU/g	5.35×10^3 CFU/g = 5 350 CFU/g
Total combined Yeasts and Molds Count (TYMC)		$\leq 10^4$ CFU/g Maximum acceptable count: 50 000 CFU/g	5.75×10^3 CFU/g = 5 750 CFU/g
Bile-tolerant gram negative bacteria		$\leq 10^4$ CFU/g	$> 10^2$ and $< 10^3$ CFU/g

F074

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

Revisão 4.0



Microbiology Test-Assay			
Test	Method	Specification (Ph. Eur. 5.1.8.C)	Result
<i>E.coli</i>	Internal Method Ph. Eur. 2.6.12 Ph. Eur. 2.6.13 Ph. Eur. 2.6.31	Absence (1 g)	Absent (1 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.

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#: _____

