

	CERTIFICATE OF ANALYSIS		
	Lot: 23GS07MG010104	CoA Number: 0225-032	Revision: 1

Product Name: TILRAY Cannabisblüten THC18 Spotlight Porto		Quality Standard Number: 3010-QS-QC-000041, R13	
Packaging Date: 24JAN25 DOM: 24JAN25	<input checked="" type="checkbox"/> Expiry Date: 08/2025 <input type="checkbox"/> Retest Date:	Batch Size: 1332 Units of 15 grams	

Test	Acceptance Criteria	Procedure	Result
Physical Properties:			
Appearance	Brownish-green dried flowers.	3010-TM-QC-000012	Complies
Identification A	Complies with macroscopic identification for cannabis inflorescence from <i>Cannabis spp.</i>	3010-TM-QC-000005-Test A	Complies
Identification B	Complies with microscopic identification for cannabis inflorescence from <i>Cannabis spp.</i>	Third Party Procedure Ph. Eur. 2.8.23 - Test B	Complies ¹
Identification C	Complies with high-performance thin-layer chromatography identification of cannabis inflorescence from <i>Cannabis spp.</i>	Third Party Procedure Ph. Eur. 2.8.25 - Test C	Complies ¹
Foreign Matter	≤ 2% (w/w)	3010-TM-QC-000002 Ph.Eur.2.8.2	Complies ¹
Loss on Drying	≤ 12.0% (w/w)	3010-TM-QC-000015 Ph.Eur.2.2.32	10% ¹
Fill Weight	15.0g + 5% (15.00g - 15.75g)	Gravimetric	Complies 15.35 g (15.26-15.58 g)
Chemistry:			
Assay (Dry Basis)	THC	3010-TM-QC-000020 Ph.Eur.2.2.29	Total THC (THC+THCA*0.877) (% w/w) 90-110% of label claim (16.2 – 19.8%) Report THC in % (w/w) Report THCA in % (w/w)
	Total CBD		≤ 1.0% (w/w)
Total CBN	≤ 1.0% (w/w)		0.1% ¹
Total Ash	≤ 20%	Third Party Ph.Eur.2.4.16	11%
Elemental Impurities	Arsenic ≤ 0.2 ppm Cadmium ≤ 0.3 ppm Lead ≤ 0.5 ppm Mercury ≤ 0.1 ppm	Third Party Ph.Eur.2.4.27	< 0.020 ppm (LoQ) ³ < 0.005 ppm (LoQ) ³ < 0.020 ppm (LoQ) ³ < 0.050 ppm (LoQ) ³
Pesticides Residues	Complies	Third Party Ph.Eur.2.8.13	Complies ²
Mycotoxins:			
Aflatoxins	B1 ≤ 2 ppb B1 + B2 + G1 + G2 ≤ 4 ppb	Third Party Ph.Eur.2.8.18	<0.25 ppb (LoD) ³ <0.25 ppb (LoD) ³
Microbiology:			
TAMC	NMT 1x10 ² CFU/g Maximum Acceptable Count = 200	Third Party Ph. Eur. 2.6.12	<100 CFU/g
TYMC	NMT 1x10 ¹ CFU/g Maximum Acceptable Count = 20		<10 CFU/g
<i>Bile-tolerant gram negative bacteria</i>	Absence/1g	Third Party Ph. Eur. 2.6.13	Absent/g
<i>Salmonella</i>	Absence/25g	Third Party	Absent/25g

TILRAY PORTUGAL, UNIPessoal LDA. Zona Industrial de Cantanhede, lote 121, 3060-197 Cantanhede, Portugal; Phone +351 231410892

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Test	Acceptance Criteria	Procedure	Result
<i>Escherichia coli</i>	Absence/1g	Ph. Eur. 2.6.31	Absent/g
<i>Staphylococcus aureus</i>	Absence/1g	Third Party Ph. Eur. 2.6.13	Absent/g
<i>Pseudomonas aeruginosa</i>	Absence/1g		Absent/g

ND- Not detected; NA- Not Applicable

¹Results based on: Bulk 23GS07MG010103_IP-24-2287.

²Based on results of pesticide analysis of the substrate and water used in cultivation according to 3010-RA-QA-000022.

³ Results from LEF (3rd Party laboratory) - Infosaúde – Instituto de Formação e Inovação em Saúde, Unipessoal, Lda



Physical and chemical properties, Microbiology testing: – (Internal) Performed under manufacturing license in premises located at *Parque Tecnológico de Cantanhede, PME Building, Núcleo 4 – Lote 4A, Laboratórios L01, 3060-197 Cantanhede.*

Microbiology testing, Residual Solvents, Ochratoxin A, Total Ash, ID - Test B, ID by HPTLC: LEF (3rd Party laboratory) - *Infosaúde – Instituto de Formação e Inovação em Saúde, Unipessoal, Lda*

Pesticides: SGS Portugal (3, rd Party laboratory) - *SGS Portugal - Sociedade Geral de Superintendência S.A.*

Pesticides: QSI (3rd Party laboratory) - *Quality Services International GmbH. Germany*

Comments and Conclusions:
All manufacturing stages of this batch of finished product have been carried out full compliance with EU GMP requirements.

<input checked="" type="checkbox"/> Approved		<input type="checkbox"/> Not Approved	
Prepared by: (Quality Control)	Rita Andrade Quality Control Supervisor	<small>Assinado por:</small>  <small>Nome do signatário: Rita Andrade</small> <small>Motivo da assinatura: Sou o autor/a autora deste documento</small> <small>Hora de assinatura: 2025/02/27 15:40 GMT</small> <small>D797C078FFDC46668B3384C37ADDD94C</small>	(Date) 2025/02/27 15:40 GMT
Reviewed and Approved by: (Qualified Person)	André Neves Qualified Person	<small>Assinado por:</small>  <small>Nome do signatário: André Neves</small> <small>Motivo da assinatura: Aprovo este documento</small> <small>Hora de assinatura: 2025/02/27 15:51 GMT</small> <small>7B94E033FDCF48F1901404231F552FF1</small>	(Date) 2025/02/27 15:52 GMT

REVISION HISTORY

Revision	Revision Date	Reason for Revision
1	25 FEB 25	First version of this document.



BATCH RELEASE CERTIFICATE
CERTIFICADO DE LIBERTAÇÃO DE LOTE

Name of Product <i>Nome do Produto</i>	TILRAY Cannabisblüten THC18 Spotlight Porto
Strength/Potency <i>Força/Potência</i>	THC: 16,3 % CBD < 1,0 %
Dosage Form <i>Forma de Dosagem</i>	Whole Flower
Package Size <i>Tamanho de Embalagem</i>	15 g bag
Lot <i>Lote</i>	23GS07MG010104
Expiry Date <i>Data de Validade</i>	08/2025
Number of Units <i>Número de Unidades</i>	1332
GMP Certificate No. <i>Certificado GMP Nº</i>	F060/S2/MH/001/2024
Name of Destination Country of Lot/Batch <i>Nome do País de Destino do Lote</i>	Germany
Comments / Comentários: N.A.	
I hereby certify that all the manufacturing stages of this batch/lot of finished product have been carried out in full compliance with the GMP requirements of the EU and with the requirements of the Marketing Authorization of the destination country. <i>Certifico que todas as etapas deste lote de produto acabado foram processadas em pleno cumprimento com os requisitos GMP da UE e com os requisitos da Autorização de Introdução de Mercado do país de destino.</i>	
Tilray Portugal	Tilray Deutschland GmbH

23 FEB 25

Date
Data

Name of Qualified Person
Nome do Diretor Técnico

Signature
Assinatura