

		CERTIFICATE OF ANALYSIS					
		Lot: 24GS03BCH020102		CoA Number: 0525-008	Revision: 1		
Product Name: TILRAY Cannabisblüten THC22 Spotlight Porto			Quality Standard Number: 3010-QS-QC-000041, R13				
Packaging Date: 09APR25 DOM: 09APR25		☒ Expiry Date: 01/2026 ☐ Retest Date:		Batch Size: 1400 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)		Third Party Procedure Ph. Eur. 2.2.32		9.2% ^{1,3}	
Fill Weight		15.0g + 5% (15.00g - 15.75g)		Gravimetric		Complies 15.34 g (15.22-15.48 g)	
Chemistry:							
Assay (Dry Basis)	THC	Total THC (THC+THCA*0.877) (% w/w) 90-110% of label claim (19.8-24.2%) Report THC in % (w/w) Report THCA in % (w/w)		Third Party Procedure Ph. Eur. 2.2.29	96% ^{1,3} 21.2% ^{1,3} 0.5% ^{1,3} 23.5% ^{1,3}		
	Total CBD	≤ 1.0% (w/w)			< 0.05% (LoQ) ^{1,3}		
Total CBN		≤ 1.0% (w/w)			0.2% ^{1,3}		
Total Ash		≤ 20%		Third Party Procedure Ph. Eur. 2.4.16		8%	
Elemental Impurities		Arsenic ≤ 0.2 ppm Cadmium ≤ 0.3 ppm Lead ≤ 0.5 ppm Mercury ≤ 0.1 ppm		Third Party Procedure 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 Procedure Ph. Eur. 2.8.13		Complies ²	
Mycotoxins:							
Aflatoxins		B1 ≤ 2 ppb B1 + B2 + G1 + G2 ≤ 4 ppb		Third Party Procedure 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 Procedure Ph. Eur. 2.6.12		<100 CFU/g	
TYMC		NMT 1x10 ¹ CFU/g Maximum Acceptable Count = 20				<10 CFU/g	
Bile-tolerant gram negative bacteria		Absence/1g		Third Party Procedure Ph. Eur. 2.6.13		Absent/g	

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Test	Acceptance Criteria	Procedure	Result
<i>Salmonella</i>	Absence/25g	Third Party Procedure	Absent/25g
<i>Escherichia coli</i>	Absence/1g	Ph. Eur. 2.6.31	Absent/g
<i>Staphylococcus aureus</i>	Absence/1g	Third Party Procedure	Absent/g
<i>Pseudomonas aeruginosa</i>	Absence/1g	Ph. Eur. 2.6.13	Absent/g

ND- Not detected; NA- Not Applicable

¹ Results based on: Bulk 24GS03BCH020101_IP-25-0561.

² Based 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.

☒ Approved		☐ Not Approved	
Prepared by: (Quality Control)	Rita Andrade Quality Control Supervisor		(Date) 2025/05/13 17:21 BST
Reviewed and Approved by: (Qualified Person)	André Neves Qualified Person		(Date) 2025/05/13 17:50 BST

REVISION HISTORY

Revision	Revision Date	Reason for Revision
1	09 MAY 25	First version of this document.



BATCH RELEASE CERTIFICATE
CERTIFICADO DE LIBERTAÇÃO DE LOTE

Name of Product <i>Nome do Produto</i>	TILRAY Cannabisblüten THC22 Spotlight Porto
Strength/Potency <i>Força/Potência</i>	THC: 21,2 % 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>	24GS03BCH020102
Expiry Date <i>Data de Validade</i>	01/2026
Number of Units <i>Número de Unidades</i>	1400
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

13 MAY 25
Date
Data


Name of Qualified Person
Nome do Diretor Técnico

Signature
Assinatura