

		CERTIFICATE OF ANALYSIS		
		Lot: 24GS03KS010102	CoA Number: 0725-003	Revision: 1
Product Name: TILRAY Cannabisblüten THC22 Spotlight Porto		Quality Standard Number: 3010-QS-QC-000041, R13		
Packaging Date: 26MAY25 DOM: 26MAY25		☒ Expiry Date: 02/2026 ☐ Retest Date:		Batch Size: 2086 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 ²
Loss on Drying		≤ 12.0% (w/w)	3010-YM-QC-000015 Ph. Eur. 2.2.32	9.0% ²
Fill Weight		15.0g + 5% (15.00g - 15.75g)	Gravimetric	Complies 15.43 g (15.17-15.61 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)	3010-TM-QC-000020 Ph. Eur. 2.2.29	103% ² 22.7% ² 0.3% ² 25.6% ²
	Total CBD	≤ 1.0% (w/w)		< 0.1% (LoD) ²
Total CBN		≤ 1.0% (w/w)		
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	3010-TM-QC-000009 Ph. Eur. 2.4.27	< 0.0437 ppm (LoQ) < 0.0450 ppm (LoQ) < 0.0752 ppm (LoQ) < 0.0157 ppm (LoQ)
Pesticide Residues		Complies	Third Party Procedure Ph. Eur. 2.8.13	Complies ³
Mycotoxins:				
Aflatoxins		B1 ≤ 2 ppb B1 + B2 + G1 + G2 ≤ 4 ppb	Third Party Procedure Ph. Eur. 2.8.18	<0.25 ppb (LoD) ⁴ <0.25 ppb (LoD) ⁴
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
Salmonella		Absence/25g	Third Party Procedure	Absent/25g

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

ND- Not detected; NA- Not Applicable
¹Results based on: Bulk 24GS03KS010101_IP-25-0194.
²Results based on: Bulk 24GS03KS010101_IP-25-1019.
³Based on results of pesticide analysis of the substrate and water used in cultivation according to 3010-RA-QA-000022.
⁴ 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)	(Date) 2025/07/11 16:58 BST
Reviewed and Approved by: (Qualified Person)	(Date) 2025/07/14 13:45 BST

REVISION HISTORY		
Revision	Revision Date	Reason for Revision
1	03 JUL 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: 22,7 % 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>	24GS03KS010102
Expiry Date <i>Data de Validade</i>	02/2026
Number of Units <i>Número de Unidades</i>	2086
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

1420625

Date

Data

