

		CERTIFICATE OF ANALYSIS			
		Lot: 24GS03LD010102		CoA Number: 0425-044	Revision: 1
Product Name: TILRAY Cannabisblüten THC18 Spotlight Porto			Quality Standard Number: 3010-QS-QC-000041, R13		
Packaging Date: 20MAR25 DOM: 20MAR25		☒ Expiry Date: 10/2025 ☐ Retest Date:		Batch Size: 540 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	9% ^{1,4}	
Fill Weight	15.0g + 5% (15.00g - 15.75g)		Gravimetric	Complies 15.31g (15.03-15.55 g)	
Chemistry:					
Assay (Dry Basis)	THC	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)	3010-TM-QC-000020 Ph.Eur.2.2.29	104% ^{1,4} 18.7% ^{1,4} 0.5% ^{1,4} 20.68% ^{1,4}	
	Total CBD	≤ 1.0% (w/w)		<0.2% (LoQ) ^{1,4}	
	Total CBN	≤ 1.0% (w/w)		0.04% ^{1,4}	
Total Ash	≤ 20%		Third Party Ph.Eur.2.4.16	10%	
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	< 0.020 ppm (LoQ) ² < 0.005 ppm (LOQ) ² < 0.020 ppm (LoQ) ² < 0.050 ppm (LoQ) ²	
Pesticides Residues	Complies		Third Party Ph.Eur.2.8.13	Complies ³	
Mycotoxins:					
Aflatoxins	B1 ≤ 2 ppb B1 + B2 + G1 + G2 ≤ 4 ppb		3010-TM-QC-000004 Ph.Eur.2.8.18	<0.25 ppb (LoD) ² <0.25 ppb (LoD) ²	
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	
Bile-tolerant gram negative bacteria	Absence/1g		Third Party Ph. Eur. 2.6.13	Absent/g	
Salmonella	Absence/25g		Third Party	Absent/25g	

		CERTIFICATE OF ANALYSIS		
Lot: 24GS03LD010102		CoA Number: 0425-044	Revision: 1	
Test	Acceptance Criteria	Procedure	Result	
Escherichia coli	Absence/1g	Ph. Eur. 2.6.31	Absent/g	
Staphylococcus aureus	Absence/1g	Third Party	Absent/g	
Pseudomonas aeruginosa	Absence/1g	Ph. Eur. 2.6.13	Absent/g	

ND- Not detected; NA- Not Applicable

¹Results based on: 24GS03LD010101_IP-25-0195.

²Results from LEF (3rd Party laboratory) - Infosaúde – Instituto de Formação e Inovação em Saúde, Unipessoal, Lda

³Based on results of pesticide analysis of the substrate and water used in cultivation according to 3010-RA-QA-000022.

⁴ Results from QPLab (3rd Party laboratory)

☒ 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)	Olga Santos Quality Control Manager		(Date) 2025/04/30 17:04 BST
Reviewed and Approved by: (Qualified Person)	André Neves Qualified Person		(Date) 2025/04/30 17:06 BST

REVISION HISTORY

Revision	Revision Date	Reason for Revision
1	29 APR 25	First version of this document.