

		CERTIFICATE OF ANALYSIS					
		Lot: 24GS03FCC010102		CoA Number: 0425-017	Revision: 1		
Product Name: TILRAY Cannabisblüten THC18 Spotlight Porto			Quality Standard Number: 3010-QS-QC-000041, R13				
Packaging Date: 10MAR25 DOM: 10MAR25		☒ Expiry Date: 10/2025 ☐ Retest Date:		Batch Size: 1526 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	
Fill Weight		15.0g + 5% (15.00g - 15.75g)		Gravimetric		Complies 15.37g (15.20-15.52 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		102% ¹ 18.3% ¹ 0.5% ¹ 20.3% ¹	
	Total CBD	≤ 1.0% (w/w)				0.1% ¹	
	Total CBN		≤ 1.0% (w/w)			0.1% ¹	
Total Ash		≤ 20%		Third Party Ph.Eur.2.4.16		9%	
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	
Pesticide 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 <0.5 ppb (LoQ) 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	

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

ND- Not detected; NA- Not Applicable
*Results based on: 24GS03FCC010101_IP-25-0157.
*Results from LEF (3rd Party laboratory) - Infosaúde – Instituto de Formação e Inovação em Saúde, Unipessoal, Lda
*Based on results of pesticide analysis of the substrate and water used in cultivation according to 3010-RA-QA-000022.

☒ **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) 2025/04/28 16:07 BST
	Reviewed and Approved by: (Qualified Person)		André Neves Qualified Person

REVISION HISTORY		
Revision	Revision Date	Reason for Revision
1	15 APR 25	First version of this document.