

		CERTIFICATE OF ANALYSIS	
		Lot: 24GS01MK010102	CoA Number: 0425-017

Product Name: TILRAY Cannabisblüten THC18 Spotlight Porto		Quality Standard Number: 3010-QS-QC-000041, R13	
Packaging Date: 11MAR25 DOM: 11MAR25	☒ Expiry Date: 10/2025 ☐ Retest Date:	Batch Size: 4690 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 15.28g (15.03-15.46 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		91% ¹ 16.3% ¹ 0.4% ¹ 18.2% ¹	
Total CBN			<0.05% (LOQ) ¹	
			0.2% 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	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	<0.5 ppb (LoQ) 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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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: 24GS01MK010101_IP-25-0155.

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.

☒ 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) 2025/04/28 16:07 BST
Reviewed and Approved by: (Qualified Person)		(Date) 2025/04/28 16:15 BST

REVISION HISTORY

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