

		CERTIFICATE OF ANALYSIS	
		Lot: 23GS07PK020105	CoA Number: 0325-009

Product Name: TILRAY Cannabisblüten THC18 Spotlight Porto		Quality Standard Number: 3010-QS-QC-000041, R13	
Packaging Date: 03FEB25 DOM: 03FEB25	☒ Expiry Date: 09/2025 ☐ Retest Date:	Batch Size: 568 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 15.32 g (15.19-15.63 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		93% ¹ 16.7% ¹ 0.9% ¹ 18.1% ¹
	Total CBN		< 0.1% (LoD) ¹
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	Third Party 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 Ph.Eur.2.8.13	Complies ²
Mycotoxins:			
Aflatoxins	B1 ≤ 2 ppb B1 + B2 + G1 + G2 ≤ 4 ppb	Third Party 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 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: Bulk 23GS07PK020102_IP-24-2412.
²Based 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) 2025/03/26 12:23 GMT
Reviewed and Approved by: (Qualified Person)	André Neves Qualified Person		(Date) 2025/03/27 16:53 GMT

REVISION HISTORY

Revision	Revision Date	Reason for Revision
1	13 MAR 25	First version of this document.