

		CERTIFICATE OF ANALYSIS			
		Lot: 23GS07MK030105		CoA Number: 0325-008	Revision: 1
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: 746 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	10% ¹	
Fill Weight	15.0g + 5% (15.00g - 15.75g)		Gravimetric	Complies 15.34 g (15.18-15.64 g)	
Chemistry:					
Assay (Dry Basis)	THC	Total THC (THC+THCA*0.877) (% w/w)	3010-TM-QC-000020 Ph.Eur.2.2.29	97% ¹	
		90-110% of label claim		17.5% ¹	
		(16.2 – 19.8%)		1.5% ¹	
	Report THC in % (w/w)	18.2% ¹			
	Total CBD	≤ 1.0% (w/w)		0.2% ¹	
Total CBN		≤ 1.0% (w/w)		0.1% 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	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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Test	Acceptance Criteria	Procedure	Result
<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

¹Results based on: Bulk 23GS07MK030103_IP-25-0128.

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.