

	CERTIFICATE OF ANALYSIS		
	Lot: 23GS12ISS050106	CoA Number: 0125-010	Revision: 1
Product Name: TILRAY Cannabisblüten THC25 Sativa No.4		Quality Standard Number: 3010-QS-QC-000041, R12	
Packaging Date: 10DEC24 DOM: 10DEC24	☒ Expiry Date: 07/2025 ☐ Retest Date:	Batch Size: 2904 Units of 15 grams	

Test	Acceptance Criteria		Procedure	Result
Physical Properties:				
Identification	Complies with macroscopic identification for cannabis inflorescence from <i>Cannabis spp.</i>		3010-TM-QC-000005 DAB Monograph Cannabis Flos - Test A	Complies
	Complies with microscopic identification for cannabis inflorescence from <i>Cannabis spp.</i>		Third Party Procedure DAB Monograph Cannabis Flos - Test B	Complies
Appearance	Brownish-green dried flowers essentially free of leaves and stems. Should be free from moulds, insects and other animal contamination.		3010-TM-QC-000012	Complies
Foreign Matter	≤ 2% (w/w)		3010-TM-QC-000002 Ph.Eur.2.8.2	Complies ¹
Loss on Drying	≤ 10% (w/w)		3010-TM-QC-000015 Ph.Eur.2.2.32 DAB cannabis flos	9% ¹
Fill Weight	15.0g + 5% (15.00g - 15.75g)		Gravimetric	Complies 15.29 g (15.10-15.41 g)
Chemistry:				
Identification – THC, THC-A, CBD and CBD-A		Retention times correspond to that in a standard chromatogram. Positively identified.	3010-TM-QC-000001 Ph.Eur.2.2.46 and 2.8.20	Complies ¹
Assay (Dry Basis)	THC	Total THC (THC+THCA*0.877) (% w/w) 90-110% of label claim (22.5-27.5%) Report THC in % (w/w) Report THCA in % (w/w)		98% ¹ 24.6% ¹ 0.5% ¹ 27.5% ¹
Related Substances		CBD ≤ 1.0% (w/w) CBN ≤ 1.0% (w/w)		< 0.474% (LoQ) ¹ ND (< 0.113% (LoD)) ¹
Total Ash		≤ 20%		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 0.05 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	<0.5 ppb (LoQ) ³ <0.5 ppb (LoQ) 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

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Bile-tolerant gram negative bacteria	Absence/1g	Third Party Ph. Eur. 2.6.13	Absent/g
Salmonella	Absence/25g	Third Party	Absent/25g
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 23GS12ISS050102_IP-24-2095.
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: OSI (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)	2025/01/17 15:43 GMT
Reviewed and Approved by: (Qualified Person)	André Neves Qualified Person	(Date)	2025/01/17 15:51 GMT

REVISION HISTORY

Revision	Revision Date	Reason for Revision
1	14 JAN 25	First version of this document.