		CERTIFICATE OF ANALYSIS		
		Lot: 25GS01GWO010103	CoA Number: 1125-024	Revision: 1
Product Name: TILRAY Cannabisblüten THC25 Hybrid No.4		Quality Standard Number: 3010-QS-QC-000041, R16		
Packaging Date: 29OCT25 DOM: 29OCT25		<input checked="" type="checkbox"/> Expiry Date: 05/2026 <input type="checkbox"/> Retest Date:		Batch Size: 2600 units of 15 grams
Test	Acceptance Criteria	Procedure	Result	
Physical Properties:				
Appearance	Dark green to pale yellow or from light brown to reddish-brown with an aromatic odour.	3010-TM-QC-000012	Complies	
Identification A	Complies with macroscopic identification of cannabis inflorescence from Cannabis spp.	3010-TM-QC-000005 - Test A	Complies	
Identification B	Complies with microscopic identification of cannabis inflorescence from Cannabis spp.	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 Cannabis spp.	Third Party Procedure Ph. Eur. 2.8.25 - Test C	Complies ¹	
Foreign Matter Foreign organs and foreign elements	≤ 2% (w/w)	3010-TM-QC-000002 Ph. Eur. 2.8.2	Complies ¹	
Foreign Matter Seeds and leaves with more than 1.0 cm in length	- Seeds: Absent - Leaves: Not more than 1.0 cm in length		Complies ¹	
Loss on Drying	≤ 12.0% (w/w)	3010-TM-QC-000015 Ph. Eur. 2.2.32	9.2% ¹	
Fill Weight	15.0 g/bag + 5% (15.00g - 15.75g)	Gravimetric	Complies 15.4 g (15.33 -15.59 g)	
Chemistry:				
Assay (Dry Basis)	THC	3010-TM-QC-000020 Ph. Eur. 2.2.29	102% ¹ 24.7% (w/w) ¹ 0.4% (w/w) ¹ 27.6% (w/w) ¹	
	Total CBD		≤ 1.0 % (w/w)	< 0.2 % (w/w) (LoQ) ¹
Total CBN	≤ 1.0% (w/w)		0.4% ¹	
Total Ash	≤ 20%	Ph. Eur. 2.4.16	10%	
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	< 0.0437 ppm (LoQ) < 0.0450 ppm (LoQ) < 0.0752 ppm (LoQ) < 0.0157 ppm (LoQ)	
Pesticide Residues	Complies	Third Party Procedure Ph. Eur. 2.8.13	Complies ²	
Mycotoxins:				
Aflatoxins	B1 ≤ 2 ppb B1 + B2 + G1 + G2 ≤ 4 ppb	Third Party Procedure Ph. Eur. 2.8.18	< 0.25 ppb (LoD) ³ < 0.5 ppb (LoQ) ³	
Microbiology:				
TAMC	NMT 1x10 ² CFU/g Maximum Acceptable Count = 200	Third Party Procedure Ph. Eur. 2.6.12	<100 CFU/g	
TYMC	NMT 1x10 ¹ CFU/g Maximum Acceptable Count = 20	Third Party Procedure Ph. Eur. 2.6.12	<10 CFU/g	

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	CERTIFICATE OF ANALYSIS		
	Lot: 25GS01GWO010103	CoA Number: 1125-024	Revision: 1

Test	Acceptance Criteria	Procedure	Result
<i>Bile-tolerant gram negative bacteria</i>	Absence/1g	Third Party Procedure Ph. Eur. 2.6.13	Absent/g
<i>Salmonella</i>	Absence/25g	Third Party Procedure Ph. Eur. 2.6.31	Absent/25g
<i>Escherichia coli</i>	Absence/1g	Third Party Procedure Ph. Eur. 2.6.31	Absent/g
<i>Staphylococcus aureus</i>	Absence/1g	Third Party Procedure Ph. Eur. 2.6.13	Absent/g
<i>Pseudomonas aeruginosa</i>	Absence/1g	Third Party Procedure Ph. Eur. 2.6.13	Absent/g

ND- Not detected; NA- Not Applicable

¹ Results based on: Bulk 25GS01GWO010101_IP-25-1797.

² Based 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.

<input checked="" type="checkbox"/> Approved		<input type="checkbox"/> Not Approved
Prepared by: (Quality Control)	Joana Amado Quality Control & Microbiology Manager  Signed by: Signer Name: Joana Amado Signing Reason: I am the author of this document Signing Time: 2025/12/22 12:38 EST 0950ACBEA8074E8693712192D12029C9	(Date) 2025/12/22 13:00 EST
Reviewed and Approved by: (Qualified Person)	João Azevedo Qualified Person  Signed by: Signer Name: João Azevedo Signing Reason: I approve this document Signing Time: 2025/12/22 18:01 GMT 7251DEBF20694DAFA3DEA45B38B7488A	(Date) 2025/12/22 18:02 GMT

REVISION HISTORY

Revision	Revision Date	Reason for Revision
1	22 DEC 25	First version of this document.

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