

	CERTIFICATE OF ANALYSIS		
	Lot: 23GS11WLC010107	CoA Number: 0225-038	Revision: 1

Product Name: TILRAY Cannabisblüten THC9: CBD9 No.2		Quality Standard Number: 3010-QS-QC-000041, R12	
Packaging Date: 08OCT24 DOM: 08OCT24	<input checked="" type="checkbox"/> Expiry Date: 06/2025 <input type="checkbox"/> Retest Date:	Batch Size: 664 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 ¹
	Complies with microscopic identification for cannabis inflorescence from <i>Cannabis spp.</i>	Third Party Procedure DAB Monograph Cannabis Flos - Test B	Complies ¹
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 ¹
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	10% ¹
Fill Weight	15.0g/bag + 5% (15.00g - 15.75g)	Gravimetric	Complies ¹ 15.4 g (15.29-15.51 g) ¹
Chemistry:			
Identification – THC, THC-A, CBD and CBD-A	Retention times correspond to that in a standard chromatogram. Positively identified.		Complies ¹
Assay (Dry Basis)	THC Total THC (THC+THCA*0.877) (% w/w) 90 – 110% of label claim (8.1% - 9.9%) Report THC in % (w/w) Report THCA in % (w/w)	3010-TM-QC-000001 Ph.Eur.2.2.46 and 2.8.20	99% ¹ 8.9% ¹ <0.240% (LoQ) ¹ 10.1% ¹
	CBD Total CBD (CBD+CBDA*0.877) (% w/w) 90% - 110% label claim (8.1% - 9.9%) Report CBD in % (w/w) Report CBDA in % (w/w)		99% ¹ 8.9% ¹ <0.157% (LoQ) ¹ 10.1% ¹
Related Substances	CBN ≤ 1.0% (w/w)		ND (<0.113% (LoD)) ¹
Total Ash	≤ 20%	Third Party Ph.Eur.2.4.16	9% ¹
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) ¹ < 0.0450 ppm (LoQ) ¹ < 0.0752 ppm (LoQ) ¹ < 0.0157 ppm (LoQ) ¹
Pesticides Residues	Complies	Third Party Ph.Eur.2.8.13	Complies ¹
Mycotoxins:			
Aflatoxins	B1 ≤ 2 ppb B1 + B2 + G1 + G2 ≤ 4 ppb	3010-TM-QC-000004 Ph.Eur.2.8.18	ND (<0.28 ppb (LoD)) ¹ NA (B1;B2; G1 and G2: ND) ¹
Microbiology:			
TAMC	NMT 1x10 ² CFU/g Maximum Acceptable Count = 200	Third Party Ph. Eur. 2.6.12	<100 CFU/g ¹

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TYMC	NMT 1x10 ¹ CFU/g Maximum Acceptable Count = 20		<10 CFU/g ¹
Bile-tolerant gram negative bacteria	Absence/1g	Third Party Ph. Eur. 2.6.13	Absent/g ¹
Salmonella	Absence/25g	Third Party	Absent/25g ¹
Escherichia coli	Absence/1g	Ph. Eur. 2.6.31	Absent/g ¹
Staphylococcus aureus	Absence/1g	Third Party	Absent/g ¹
Pseudomonas aeruginosa	Absence/1g	Ph. Eur. 2.6.13	Absent/g ¹

ND- Not detected; NA- Not Applicable

Results based on: CoA 1024-082.

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 (3rd 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)		(Date) 2025/02/28 12:06 GMT
Reviewed and Approved by: (Qualified Person)		(Date) 2025/02/28 14:54 GMT

REVISION HISTORY

Revision	Revision Date	Reason for Revision
1	27 FEB 25	First version of this document.