

		CERTIFICATE OF ANALYSIS	
Quality Standard Number: 3010-QS-QC-000041, R11		Packaging Date: 20JUN24 DOM: 20JUN24	Page 2 of 4
Product Name: TILRAY Cannabisblüten THC9: CBD9 No.2		Batch Size: 1618 Units of 15 grams	Revision: 1
Lot: 22GS12WLC050103		<input checked="" type="checkbox"/> Expiry Date: 12/2024 <input type="checkbox"/> Retest Date:	
CoA Number: 0724-016			

Certificate of Analysis

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 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 Ph.Eur.2.8.2	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	9% ¹	
Fill Weight	15.0g/bag + 5% (15.00g - 15.75g)	Gravimetric	Complies 15.4 g (15.18-15.57 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) (7.5% - 10.5%) Report THC in % (w/w) Report THCA in % (w/w)	3010-TM-QC-000001 Ph.Eur.2.2.46 and 2.8.20	8.3% ¹ 1.1% ¹ and 8.2% ¹

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Test		Acceptance Criteria	Procedure	Result
Assay (Dry Basis)	CBD	Total CBD (CBD+CBDA*0.877) (% w/w) (7.5% - 10.5%) Report CBD in % (w/w) Report CBDA in % (w/w)	3010-TM-QC-000001 Ph.Eur.2.2.46 and 2.8.20	7.6% ¹ <0.474% (LoQ) ¹ 8.6% ¹
Related Substances		CBN ≤ 1.0% (w/w)	3010-TM-QC-000001 Ph.Eur.2.2.46 and 2.8.20	<0.113% (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	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)
Pesticides Residues		Complies	Third Party Ph.Eur.2.8.13	Complies ²
Mycotoxins:				
Aflatoxins		B1 ≤ 2 ppb B1 + B2 + G1 + G2 ≤ 4 ppb	3010-TM-QC-000004 Ph.Eur.2.8.18	Not Detected (<0.28 ppb (LoD)) Not applicable
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	Third Party Ph. Eur. 2.6.12	<10 CFU/g
<i>Bile-tolerant gram-negative bacteria</i>		Absence/1g	Third Party Ph. Eur. 2.6.13	Absent/g
<i>Salmonella</i>		Absence/25g	Third Party Ph. Eur. 2.6.31	Absent/25g
<i>Escherichia coli</i>		Absence/1g	Third Party Ph. Eur. 2.6.31	Absent/g
<i>Staphylococcus aureus</i>		Absence/1g	Third Party Ph. Eur. 2.6.13	Absent/g
<i>Pseudomonas aeruginosa</i>		Absence/1g	Third Party Ph. Eur. 2.6.13	Absent/g

¹ Results based on Bulk 22GS12WLC050101_IP-24-1186

² Based on results of pesticide analysis of the substrate and water used in cultivation according to RA_028_19

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Physical and chemical properties – (Internal) Performed under manufacturing license in premises located at Parque Tecnológico de Cantanhede, PME Building, Núcleo 4 – Lote 4A, Laboratórios 101, 3060-197 Cantanhede.

Identification DAB Monograph Cannabis flos - Test B: LEF (3rd Party laboratory) - Infosaúde – Instituto de Formação e Inovação em Saúde, Unipessoal, Lda

Microbiology testing: 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

Residual Solvents: LEF (3rd Party laboratory) - Infosaúde – Instituto de Formação e Inovação em Saúde, Unipessoal, Lda.

Ochratoxin A: LEF (3rd Party laboratory) - Infosaúde – Instituto de Formação e Inovação em Saúde, Unipessoal, Lda.

Total Ash: LEF (3rd Party laboratory) - Infosaúde – Instituto de Formação e Inovação em Saúde, Unipessoal, Lda.

<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Not Approved

Comments and Conclusions: The product complies with DAB 10 Monograph. All manufacturing stages of this batch of finished product have been carried out in full compliance with EU GMP requirements.
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REVISION HISTORY

Revision	Revision Date	Reason for Revision
1	24 JUL 24	First version of this document.

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