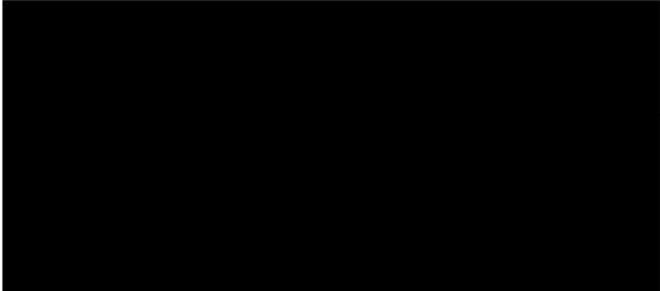
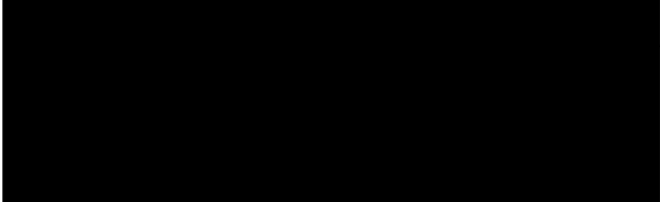
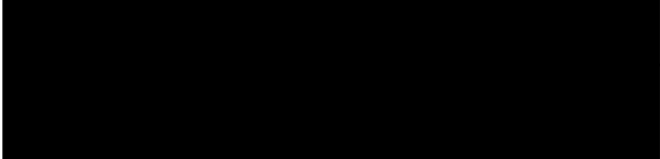

		<b>CERTIFICATE OF ANALYSIS</b>	
Quality Standard Number: 3010-QS-QC-000041, R12		Packaging Date: 04SEP24 DOM: 04SEP24	Page 1 of 4
Product Name: TILRAY Cannabisblüten THC18 Spotlight Porto		Batch Size: 1299 Units of 15 grams	Revision: 1
Lot: 23GS07BB020202		<input checked="" type="checkbox"/> Expiry Date: 04/2025 <input type="checkbox"/> Retest Date:	
CoA Number: 0924-012			

**APPROVALS**

Prepared by:		Date: 2024/10/01   11:09 BST
Reviewed by:		Date: 2024/10/01   14:19 BST
Approved by:		Date: 2024/10/01   15:32 BST


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Quality Standard Number: 3010-QS-QC-000041, R12		Packaging Date: 04SEP24 DOM: 04SEP24	Page 2 of 4
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Certificate of Analysis

Test	Acceptance Criteria	Procedure	Result
<b>Physical Properties:</b>			
Identification	Complies with macroscopic identification for cannabis inflorescence from <i>Cannabis spp.</i>	3010-TM-QC-000005 DAB Monograph Cannabis Flos - Test A	Complies <sup>1</sup>
	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 <sup>1</sup>
Loss on Drying	≤ 10% (w/w)	3010-TM-QC-000015 Ph.Eur.2.2.32	9% <sup>1</sup>
Fill Weight	15.0g/bag + 5% (15.00g - 15.75g)	Gravimetric	Complies 15.4 g (15.16-15.53 g)
<b>Chemistry:</b>			
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 <sup>1</sup>
Assay (Dry Basis) THC	Total THC (THC+THCA*0.877) (% w/w) 90-110% of label claim (16.2% - 19.8%) Report THC in % (w/w) Report THCA in % (w/w)	3010-TM-QC-000001 Ph.Eur.2.2.46 and 2.8.20	92% <sup>1</sup> 16.5% <sup>1</sup> <0.240% (LoQ) <sup>1</sup> 18.8% <sup>1</sup>

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Lot: 23GS07BB020202		<input checked="" type="checkbox"/> Expiry Date: 04/2025 <input type="checkbox"/> Retest Date:	
CoA Number: 0924-012			

Test	Acceptance Criteria	Procedure	Result
Related Substances	CBD ≤ 1.0% (w/w) CBN ≤ 1.0% (w/w)	3010-TM-QC-000001 Ph.Eur.2.2.46 and 2.8.20	<0.157% (LoD) <sup>1</sup> Not Detected <sup>1</sup> (<0.113% (LoD))
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	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 <sup>2</sup>
<b>Mycotoxins:</b>			
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
<b>Microbiology:</b>			
TAMC	NMT 1x10 <sup>2</sup> CFU/g Maximum Acceptable Count = 200	Third Party Ph. Eur. 2.6.12	<100 CFU/g
TYMC	NMT 1x10 <sup>1</sup> 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

<sup>1</sup> Results based on Bulk 23GS07BB020201\_IP-24-1453


<sup>2</sup> Based on results of pesticide analysis of the substrate and water used in cultivation according to RA\_028\_19

Physical and chemical properties – (Internal) Performed under manufacturing license in premises located at Parque Tecnológico de Cantanhede, PME Building, Núcleo 4 – Lote 4A, Laboratórios L01, 3060-197 Cantanhede.

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

Microbiology testing: LEF (3<sup>rd</sup> Party laboratory) - Infosaúde – Instituto de Formação e Inovação em Saúde, Unipessoal, Lda

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<b>Product Name:</b> <b>TILRAY Cannabisblüten THC18 Spotlight Porto</b>		<b>Batch Size: 1299 Units of 15 grams</b>	<b>Revision: 1</b>
<b>Lot: 23GS07BB020202</b>		<input checked="" type="checkbox"/> <b>Expiry Date: 04/2025</b>	
<b>CoA Number: 0924-012</b>		<input type="checkbox"/> <b>Retest Date:</b>	

- Pesticides:** SGS Portugal (3<sup>rd</sup> Party laboratory) - SGS Portugal - Sociedade Geral de Superintendência S.A.
- Pesticides:** QSI (3<sup>rd</sup> Party laboratory) - Quality Services International GmbH, Germany
- Residual Solvents:** LEF (3<sup>rd</sup> Party laboratory) - Infosaúde – Instituto de Formação e Inovação em Saúde, Unipessoal, Lda.
- Ochratoxin A:** LEF (3<sup>rd</sup> Party laboratory) - Infosaúde – Instituto de Formação e Inovação em Saúde, Unipessoal, Lda.
- Total Ash:** LEF (3<sup>rd</sup> Party laboratory) - Infosaúde – Instituto de Formação e Inovação em Saúde, Unipessoal, Lda.

<input checked="" type="checkbox"/> <b>Approved</b> <input type="checkbox"/> <b>Not Approved</b>
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<p><b>Comments and Conclusions:</b></p> <p>The product complies with DAB 10 Monograph.  <b>All manufacturing stages of this batch of finished product have been carried out full compliance with EU GMP requirements.</b></p>
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**REVISION HISTORY**

Revision	Revision Date	Reason for Revision
1	26 SEP 24	First version of this document.

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