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|---|--|---|--------------------|
|  |  | <b>CERTIFICATE OF ANALYSIS</b>                                  |                    |
| <b>Quality Standard Number: 3010-QS-QC-000041, R12</b>                            |  | <b>Packaging Date: 05SEP24<br/>DOM: 05SEP24</b>                 | <b>Page 1 of 4</b> |
| <b>Product Name:<br/>TILRAY Cannabisblüten THC18 Spotlight<br/>Porto</b>          |  | <b>Batch Size: 1500 Units of 15 grams</b>                       | <b>Revision: 1</b> |
| <b>Lot: 23GS11JH010102</b>  |  | <input checked="" type="checkbox"/> <b>Expiry Date: 04/2025</b> |                    |
| <b>CoA Number: 0924-014</b>   |  | <input type="checkbox"/> <b>Retest Date:</b>                    |                    |


**APPROVALS**

Prepared by:  Date: 2024/10/01 | 11:09 BST  
**Daniel Tavares**  
Quality Control Chemist Associate  
Nome do signatário: Daniel Tavares  
Motivo da assinatura: Sou o autor/a autora deste documento  
Hora de assinatura: 2024/10/01 | 11:09 BST  
73F4B38D267E4454A05B05EE0E018BB8

Reviewed by:  Date: 2024/10/01 | 14:19 BST  
**Rita Andrade**  
Quality Control Supervisor  
Motivo da assinatura: Revê este documento  
Hora de assinatura: 2024/10/01 | 14:18 BST  
D797C078FFDC46668B3384C37ADD094C

Approved by:  Date: 2024/10/01 | 15:32 BST  
**Sandra Vieira**  
Qualified Person  
Nome do signatário: Sandra Vieira  
Motivo da assinatura: Aprovo este documento  
Hora de assinatura: 2024/10/01 | 15:29 BST  
140985AC75F74EF98AC58E25D98ED7A7


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| Quality Standard Number: 3010-QS-QC-000041, R12                                   |  | Packaging Date: 05SEP24<br>DOM: 05SEP24   | Page 2 of 4 |
| Product Name:<br>TILRAY Cannabisblüten THC18 Spotlight Porto                      |  | Batch Size: 1500 Units of 15 grams  | Revision: 1 |
| Lot: 23GS11JH010102   |  | <input checked="" type="checkbox"/> Expiry Date: 04/2025<br><input type="checkbox"/> Retest Date: |             |
| CoA Number: 0924-014  |  |   |             |

**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<br>DAB Monograph Cannabis Flos - Test A | Complies <sup>1</sup>  |
|  | Complies with microscopic identification for cannabis inflorescence from <i>Cannabis spp.</i>   | Third Party<br>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<br>Ph.Eur.2.8.2                         | Complies   |
| Foreign Matter                             | ≤ 2% (w/w)  | 3010-TM-QC-000002<br>Ph.Eur.2.8.2                         | Complies <sup>1</sup>  |
| Loss on Drying                             | ≤ 10% (w/w)   | 3010-TM-QC-000015<br>Ph.Eur.2.2.32                        | 9% <sup>1</sup>  |
| Fill Weight                                | 15.0g/bag + 5% (15.00g - 15.75g)  | Gravimetric   | Complies<br>15.4 g (15.18-15.59 g)   |
| <b>Chemistry:</b>                          |   |   |  |
| Identification – THC; THC-A; CBD and CBD-A |   | 3010-TM-QC-000001<br>Ph.Eur.2.2.46 and 2.8.20             | Complies <sup>1</sup>  |
| Assay (Dry Basis)                          | THC<br>Total THC (THC+THCA*0.877) (% w/w)<br>90-110% of label claim<br>(16.2% - 19.8%)<br>Report THC in % (w/w)<br>Report THCA in % (w/w) | 3010-TM-QC-000001<br>Ph.Eur.2.2.46 and 2.8.20             | 97% <sup>1</sup><br>17.4% <sup>1</sup><br><0.240% (LoQ) <sup>1</sup><br>19.9% <sup>1</sup> |

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| Product Name:<br>TILRAY Cannabisblüten THC18 Spotlight Porto                      |  | Batch Size: 1500 Units of 15 grams  | Revision: 1 |
| Lot: 23GS11JH010102   |  | <input checked="" type="checkbox"/> Expiry Date: 04/2025<br><input type="checkbox"/> Retest Date: |             |
| CoA Number: 0924-014  |  |   |             |

| Test  | Acceptance Criteria   | Procedure                                     | Result   |
|---|---|---|--|
| Related Substances                          | CBD ≤ 1.0% (w/w)<br>CBN ≤ 1.0% (w/w)  | 3010-TM-QC-000001<br>Ph.Eur.2.2.46 and 2.8.20 | <0.157% (LoD) <sup>1</sup><br>Not Detected <sup>1</sup><br>(<0.113% (LoD))           |
| Total Ash                                   | ≤ 20%   | Third Party<br>Ph.Eur.2.4.16                  | 9%   |
| Elemental Impurities                        | Arsenic ≤ 0.2 ppm<br>Cadmium ≤ 0.3 ppm<br>Lead ≤ 0.5 ppm<br>Mercury ≤ 0.1 ppm | 3010-TM-QC-000009<br>Ph.Eur.2.4.27            | < 0.0437 ppm (LoQ)<br>< 0.0450 ppm (LoQ)<br>< 0.0752 ppm (LoQ)<br>< 0.0157 ppm (LoQ) |
| Pesticides Residues                         | Complies  | Third Party<br>Ph.Eur.2.8.13                  | Complies <sup>2</sup>  |
| <b>Mycotoxins:</b>                          |   |   |  |
| Aflatoxins                                  | B1 ≤ 2 ppb<br>B1 + B2 + G1 + G2 ≤ 4 ppb                                       | 3010-TM-QC-000004<br>Ph.Eur.2.8.18            | Not Detected<br>(<0.28 ppb (LoD))<br>Not applicable                                  |
| <b>Microbiology:</b>                        |   |   |  |
| TAMC  | NMT 1x10 <sup>2</sup> CFU/g<br>Maximum Acceptable Count = 200                 | Third Party<br>Ph. Eur. 2.6.12                | <100 CFU/g   |
| TYMC  | NMT 1x10 <sup>1</sup> CFU/g<br>Maximum Acceptable Count = 20                  | Third Party<br>Ph. Eur. 2.6.12                | <10 CFU/g  |
| <i>Bile-tolerant gram-negative bacteria</i> | Absence/1g  | Third Party<br>Ph. Eur. 2.6.13                | Absent/g   |
| <i>Salmonella</i>                           | Absence/25g   | Third Party<br>Ph. Eur. 2.6.31                | Absent/25g   |
| <i>Escherichia coli</i>                     | Absence/1g  | Third Party<br>Ph. Eur. 2.6.31                | Absent/g   |
| <i>Staphylococcus aureus</i>                | Absence/1g  | Third Party<br>Ph. Eur. 2.6.13                | Absent/g   |
| <i>Pseudomonas aeruginosa</i>               | Absence/1g  | Third Party<br>Ph. Eur. 2.6.13                | Absent/g   |

<sup>1</sup> Results based on Bulk 23GS11JH010101\_IP-24-1543


<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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- 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.*

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|---|
| <input checked="" type="checkbox"/> Approved<br><input type="checkbox"/> Not Approved |
|---|

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|---|
| <b>Comments and Conclusions:</b>  |
| <p>The product complies with DAB 10 Monograph.<br/> <b>All manufacturing stages of this batch of finished product have been carried out full compliance with EU GMP requirements.</b></p> |

### REVISION HISTORY

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

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