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|  |  |                                                                                                   | CERTIFICATE OF ANALYSIS |             |
| Quality Standard Number: 3010-QS-QC-000041, R12                                  |  | Packaging Date: 12NOV24<br>DOM: 12NOV24                                                           |                         | Page 1 of 4 |
| Product Name:<br>TILRAY Cannabisblüten THC22 Spotlight<br>Porto 15gr             |  | Batch Size: 2112 Units of 15 grams                                                                |                         | Revision: 1 |
| Lot: 23GS11SD010203                                                              |  | <input checked="" type="checkbox"/> Expiry Date: 08/2025<br><input type="checkbox"/> Retest Date: |                         |             |
| CoA Number: 1124-016                                                             |  |                                                                                                   |                         |             |

APPROVALS

|              |                                                                                                                                                                                                |                              |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Prepared by: | <br>Rita Andrade<br>Quality Control Supervisor                                                                | Date: 2024/11/27   14:17 GMT |
|              | <div>Nome do signatário: Rita Andrade<br/>Motivo da assinatura: Sou o autor/a autora deste documento<br/>Hora de assinatura: 2024/11/27   14:17 GMT<br/>D797C078FFDC46668B3384C37ADDD94C</div> |                              |
| Reviewed by: | <br>Olga Santos<br>Quality Control Manager                                                                   | Date: 2024/11/27   14:23 GMT |
|              | <div>Signer Name: Olga Santos<br/>Signing Reason: I have reviewed this document<br/>Signing Time: 2024/11/27   14:23 GMT<br/>427D7A8AC26141988FCEC4820E20BD39</div>                            |                              |
| Approved by: | <br>André Neves<br>Qualified Person                                                                         | Date: 2024/11/27   16:07 GMT |
|              | <div>Assinado por: André Neves<br/>Aprovo este documento<br/>Hora de assinatura: 2024/11/27   16:07 GMT<br/>7B94E033FDCF48F1901404231F562FF1</div>                                             |                              |

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| Product Name:<br>TILRAY Cannabisblüten THC22 Spotlight<br>Porto 15gr             |  | Batch Size: 2112 Units of 15 grams                                                                | Revision: 1 |
| Lot: 23GS11SD010203                                                              |  | <input checked="" type="checkbox"/> Expiry Date: 08/2025<br><input type="checkbox"/> Retest Date: |             |
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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<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                        | 8% <sup>1</sup>                                                                  |
| Fill Weight                                |     | 15.0g/bag + 5% (15.00g - 15.75g)                                                                                                       | Gravimetric                                               | Complies<br>15.3 g (15.19-15.57 g)                                               |
| <b>Chemistry:</b>                          |     |                                                                                                                                        |                                                           |                                                                                  |
| Identification – THC; THC-A; CBD and CBD-A |     | Retention times correspond to that in a standard chromatogram.<br>Positively identified.                                               | 3010-TM-QC-000001<br>Ph.Eur.2.2.46 and 2.8.20             | Complies <sup>1</sup>                                                            |
| Assay<br>(Dry Basis)                       | THC | Total THC (THC+THCA*0.877) (% w/w)<br>90-110% of label claim<br>(19.8 - 24.2%)<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             | 95% <sup>1</sup><br>20.9% <sup>1</sup><br>0.6 <sup>1</sup><br>23.2% <sup>1</sup> |

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| Lot: 23GS11SD010203                                                              |  | <input checked="" type="checkbox"/> Expiry Date: 08/2025<br><input type="checkbox"/> Retest Date: |             |
| CoA Number: 1124-016                                                             |  |                                                                                                   |             |

| Test                                 | Acceptance Criteria                                                           | Procedure                          | Result                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------|
| Related Substances                   | CBD ≤ 1.0% (w/w)                                                              | 3010-TM-QC-000001                  | Not Detected <sup>1</sup><br><0.157% (LoD)                                   |
|                                      | CBN ≤ 1.0% (w/w)                                                              | Ph.Eur.2.2.46 and 2.8.20           | Not Detected <sup>1</sup><br>(<0.113% (LoD))                                 |
| Total Ash                            | ≤ 20%                                                                         | Third Party<br>Ph.Eur.2.4.16       | 8%                                                                           |
| 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>0.0182 ppm |
| Pesticides Residues                  | Complies                                                                      | Third Party<br>Ph.Eur.2.8.13       | Complies <sup>2</sup>                                                        |
| <b>Mycotoxins:</b>                   |                                                                               |                                    |                                                                              |
| Aflatoxins                           | B1 ≤ 2 ppb                                                                    | 3010-TM-QC-000004                  | Not Detected<br>(<0.28 ppb (LoD))                                            |
|                                      | B1 + B2 + G1 + G2 ≤ 4 ppb                                                     | Ph.Eur.2.8.18                      | 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                                                                    |
| Bile-tolerant gram-negative bacteria | Absence/1g                                                                    | Third Party<br>Ph. Eur. 2.6.13     | Absent/g                                                                     |
| Salmonella                           | Absence/25g                                                                   | Third Party<br>Ph. Eur. 2.6.31     | Absent/25g                                                                   |
| Escherichia coli                     | Absence/1g                                                                    | Third Party<br>Ph. Eur. 2.6.31     | Absent/g                                                                     |
| Staphylococcus aureus                | Absence/1g                                                                    | Third Party<br>Ph. Eur. 2.6.13     | Absent/g                                                                     |
| Pseudomonas aeruginosa               | Absence/1g                                                                    | Third Party<br>Ph. Eur. 2.6.13     | Absent/g                                                                     |

<sup>1</sup> Results based on Bulk 23GS11SD010201\_SN\_IP-24-1752 and IN-24-2041.

<sup>2</sup> Based on results of pesticide analysis of the substrate and water used in cultivation according to 3010-RA-QA-000022.

☒ **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.*

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

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

REVISION HISTORY

| Revision | Revision Date | Reason for Revision             |
|----------|---------------|---------------------------------|
| 1        | 25 NOV 24     | First version of this document. |