

|                                                                                   |  |                                |                      |
|-----------------------------------------------------------------------------------|--|--------------------------------|----------------------|
|  |  | <b>CERTIFICATE OF ANALYSIS</b> |                      |
|                                                                                   |  | Lot: 23GS07GWO010108           | CoA Number: 0225-021 |

|                                                           |                                                                                                   |                                                 |  |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------|--|
| Product Name: TILRAY Cannabisblüten THC22 Spotlight Porto |                                                                                                   | Quality Standard Number: 3010-QS-QC-000041, R13 |  |
| Packaging Date: 18DEC24<br>DOM: 18DEC24                   | <input checked="" type="checkbox"/> Expiry Date: 09/2025<br><input type="checkbox"/> Retest Date: | Batch Size: 1332 Units of 15 grams              |  |

| Test                                 | Acceptance Criteria                                                                                                         | Procedure                                         | Result                                                                                                                          |                                                                                   |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Physical Properties:</b>          |                                                                                                                             |                                                   |                                                                                                                                 |                                                                                   |
| Appearance                           | Brownish-green dried flowers.                                                                                               | 3010-TM-QC-000012                                 | Complies                                                                                                                        |                                                                                   |
| Identification A                     | Complies with macroscopic identification for cannabis inflorescence from <i>Cannabis spp.</i>                               | 3010-TM-QC-000005-Test A                          | Complies                                                                                                                        |                                                                                   |
| Identification B                     | Complies with microscopic identification for cannabis inflorescence from <i>Cannabis spp.</i>                               | Third Party Procedure<br>Ph. Eur. 2.8.23 - Test B | Complies <sup>1</sup>                                                                                                           |                                                                                   |
| Identification C                     | Complies with high-performance thin-layer chromatography identification of cannabis inflorescence from <i>Cannabis spp.</i> | Third Party Procedure<br>Ph. Eur. 2.8.25 - Test C | Complies <sup>1</sup>                                                                                                           |                                                                                   |
| Foreign Matter                       | ≤ 2% (w/w)                                                                                                                  | 3010-TM-QC-000002<br>Ph.Eur.2.8.2                 | Complies <sup>1</sup>                                                                                                           |                                                                                   |
| Loss on Drying                       | ≤ 12.0% (w/w)                                                                                                               | 3010-TM-QC-000015<br>Ph.Eur.2.2.32                | 9% <sup>1</sup>                                                                                                                 |                                                                                   |
| Fill Weight                          | 15.0g + 5% (15.00g - 15.75g)                                                                                                | Gravimetric                                       | Complies<br>15.32 g (15.20-15.46 g)                                                                                             |                                                                                   |
| <b>Chemistry:</b>                    |                                                                                                                             |                                                   |                                                                                                                                 |                                                                                   |
| Assay<br>(Dry Basis)                 | THC                                                                                                                         | 3010-TM-QC-000020<br>Ph.Eur.2.2.29                | 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) |                                                                                   |
|                                      | Total CBD                                                                                                                   |                                                   | ≤ 1.0% (w/w)                                                                                                                    | 91% <sup>1</sup><br>20.1% <sup>1</sup><br>1.0% <sup>1</sup><br>21.8% <sup>1</sup> |
|                                      |                                                                                                                             |                                                   |                                                                                                                                 | < 0.1% (LoD) <sup>1</sup>                                                         |
|                                      |                                                                                                                             |                                                   |                                                                                                                                 | 0.1% <sup>1</sup>                                                                 |
| Total CBN                            | ≤ 1.0% (w/w)                                                                                                                |                                                   |                                                                                                                                 |                                                                                   |
| Total Ash                            | ≤ 20%                                                                                                                       | Third Party<br>Ph.Eur.2.4.16                      | 11%                                                                                                                             |                                                                                   |
| Elemental Impurities                 | Arsenic ≤ 0.2 ppm<br>Cadmium ≤ 0.3 ppm<br>Lead ≤ 0.5 ppm<br>Mercury ≤ 0.1 ppm                                               | Third Party<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                                                                                     | Third Party<br>Ph.Eur.2.8.18                      | <0.5 ppb (LoQ) <sup>3</sup><br><0.5 ppb (LoQ) <sup>3</sup>                                                                      |                                                                                   |
| <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                                                                |                                                   | <10 CFU/g                                                                                                                       |                                                                                   |
| Bile-tolerant gram negative bacteria | Absence/1g                                                                                                                  | Third Party<br>Ph. Eur. 2.6.13                    | Absent/g                                                                                                                        |                                                                                   |

**TILRAY**

CERTIFICATE OF ANALYSIS

Lot: 23GS07GW0010108

CoA Number: 0225-021

Revision: 1

| Test                   | Acceptance Criteria | Procedure       | Result     |
|------------------------|---------------------|-----------------|------------|
| Salmonella             | Absence/25g         | Third Party     | Absent/25g |
| Escherichia coli       | Absence/1g          | Ph. Eur. 2.6.31 | Absent/g   |
| Staphylococcus aureus  | Absence/1g          | Third Party     | Absent/g   |
| Pseudomonas aeruginosa | Absence/1g          | Ph. Eur. 2.6.13 | Absent/g   |

ND- Not detected; NA- Not Applicable

<sup>1</sup>Results based on: Bulk 23GS07GW0010104\_IP-24-2174.

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

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

☒ 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 (3, rd 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.

Prepared by:  
(Quality Control)

Reviewed and Approved  
(Qualified Person)

2025/02/20 | 18:00 GMT

2025/02/20 | 18:05 GMT

| Revision | Revision Date | Reason for Revision             |
|----------|---------------|---------------------------------|
| 1        | 18 FEB 25     | First version of this document. |