



## Certificate of Analysis

|                  |                                |
|------------------|--------------------------------|
| Specification    | ESP-168/05                     |
| Product          | VAPE THC 800 mg SAT SS 1 mL UK |
| Code             | FDF0107                        |
| Batch no.        | D0140                          |
| Date of Analysis | 21/03/2025                     |

|                    |                      |
|--------------------|----------------------|
| CoA no.            | 2501450              |
| Manufacturing date | 07/02/2025           |
| Expiry date        | 07/02/2026           |
| Presentation       | 1 mL glass cartridge |
| Bulk batch no.     | D0084                |

| TEST                                                     | Method                 | Acceptance Criteria                                                                                                                                                      | Results            |
|----------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Appearance                                               | MA-008                 | Yellow to amber, solid at room temperature                                                                                                                               | Complies           |
| Odour                                                    | MA-008                 | Musky, woody                                                                                                                                                             | Complies           |
| Average mass                                             | MA-008                 | According to bulk potency (batch specific)                                                                                                                               | 1029 mg            |
| Identification: HPLC                                     | MA-008                 | The chromatograms of the sample solution obtained in the assay test must show the main peaks with a retention time similar to the chromatograms of the standard solution | Positive           |
| Identification: TLC                                      | MA-008                 | The sequence of zones in the chromatograms of the reference solution and the test solution are similar                                                                   | Positive           |
| Leakage                                                  | MA-008                 | No leakage (visual inspection)                                                                                                                                           | Complies           |
| Uniformity of mass                                       | MA-008 / Ph.Eur.2.9.5  | Not more than 2 units deviate from the average by more than 5%, and none deviates by more than 10%                                                                       | Complies           |
| Water                                                    | MA-008                 | ≤ 0.5 %                                                                                                                                                                  | 0.04 %             |
| Cannabinoids                                             |                        |                                                                                                                                                                          |                    |
| Δ <sup>9</sup> -THC                                      | MA-008 / DAB           | Report value                                                                                                                                                             | 77.7 %             |
| Δ <sup>9</sup> -THCA                                     | MA-008 / DAB           | Report value                                                                                                                                                             | < 0.03 (LOD) %     |
| Total THC<br>[THC + (THCA x 0.877)]                      | MA-008 / DAB           | 90.0 % to 110.0 % of the label claim                                                                                                                                     | 100.0 % (800 mg)   |
| CBD                                                      | MA-008 / DAB           | Report value                                                                                                                                                             | 0.93 %             |
| CBDA                                                     | MA-008 / DAB           | Report value                                                                                                                                                             | < 0.03 (LOD) %     |
| Total CBD<br>[CBD + (CBDA x 0.877)]                      | MA-008 / DAB           | ≤ 3.0 %                                                                                                                                                                  | 0.94 %             |
| CBN                                                      | MA-008 / DAB           | ≤ 2.5 %                                                                                                                                                                  | 1.5 %              |
| Other cannabinoid (Together with any corresponding acid) | MA-008 / DAB           | Report value                                                                                                                                                             | 4.6 %              |
| Total other cannabinoids                                 | MA-008 / DAB           | Report value                                                                                                                                                             | 14.5 %             |
| Mycotoxins                                               |                        |                                                                                                                                                                          |                    |
| Aflatoxin B1                                             | MA-008 / Ph.Eur.2.8.18 | ≤ 2 µg/Kg                                                                                                                                                                | < 0.25 (LOD) µg/Kg |
| Aflatoxins<br>(B1+B2+G1+G2)                              | MA-008 / Ph.Eur.2.8.18 | ≤ 4 µg/Kg                                                                                                                                                                | < 0.25 (LOD) µg/Kg |
| Ochratoxin A                                             | MA-008 / Ph.Eur.2.8.22 | ≤ 20 µg/Kg                                                                                                                                                               | < 2 (LOD) µg/Kg    |
| Heavy Metals                                             |                        |                                                                                                                                                                          |                    |
| Arsenic (As) *                                           | MA-008 / Ph.Eur.2.4.27 | ≤ 0.2 ppm                                                                                                                                                                | < 0.020 (LOQ) ppm  |
| Cadmium (Cd) *                                           | MA-008 / Ph.Eur.2.4.27 | ≤ 0.2 ppm                                                                                                                                                                | < 0.005 (LOQ) ppm  |
| Lead (Pb) *                                              | MA-008 / Ph.Eur.2.4.27 | ≤ 0.5 ppm                                                                                                                                                                | < 0.020 (LOQ) ppm  |
| Mercury (Hg) *                                           | MA-008 / Ph.Eur.2.4.27 | ≤ 0.1 ppm                                                                                                                                                                | < 0.050 (LOQ) ppm  |



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| TEST                                      | Method                                   | Acceptance Criteria         | Results          |
|-------------------------------------------|------------------------------------------|-----------------------------|------------------|
| <b>Pesticides</b>                         |                                          |                             |                  |
| Pesticides *                              | MA-008 / Ph.Eur.2.8.13                   | Complies with Ph.Eur.2.8.13 | Complies         |
| <b>Residual solvents</b>                  |                                          |                             |                  |
| Ethanol                                   | MA-008 / Ph.Eur.5.4.                     | < 5000 ppm                  | < 1250 (LOQ) ppm |
| <b>Microbial Quality</b>                  |                                          |                             |                  |
| TAMC - Total aerobic microbial count      | MA-008 / Ph.Eur.2.6.12. & Ph.Eur.5.1.4.  | $\leq 10^2$ CFU/g           | < $10^2$ CFU/g   |
| TYMC - Total combined yeast & mould count | MA-008 / Ph.Eur.2.6.12. & Ph.Eur.5.1.4.  | $\leq 10$ CFU/g             | < 10 CFU/g       |
| Bile-tolerant gram-negative               | MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4. | Absence in 1 g              | Absence/g        |
| <i>Escherichia coli</i>                   | MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4. | Absence in 1 g              | Absence /g       |
| <i>Salmonella</i>                         | MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4. | Absence in 10 g             | Absence /10g     |
| <i>Pseudomonas aeruginosa</i>             | MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4. | Absence in 1 g              | Absence /g       |
| <i>Staphylococcus aureus</i>              | MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4. | Absence in 1 g              | Absence /g       |

### Comments

Results in compliance with the specification.

Mycotoxins, Heavy Metals, Pesticides and Ethanol were performed on purified extract batch.

(\*)Result reported from LEF (CoA 24/6941)

### Status:

Approved

### Signed by:

Iva Vinhas

Quality Control Director

24/03/2025 11:13

Application of electronic signature