



Certificate of Analysis

Specification	ESP-170/05
Product	VAPE THC 800 mg IND GS 1 mL UK
Code	FDF0081
Batch no.	D0139
Date of Analysis	25/03/2025

CoA no.	2501561
Manufacturing date	10/02/2025
Expiry date	10/02/2026
Presentation	1 mL glass cartridge
Bulk batch no.	D0083

TEST	Method	Acceptance Criteria	Results
Appearance	MA-049	Yellow to amber, solid at room temperature	Complies
Odour	MA-049	Berry, pine	Complies
Average mass	MA-049	According to bulk potency (batch specific)	1059 mg
Identification: HPLC	MA-049	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-049	No leakage (visual inspection)	Complies
Uniformity of mass	MA-049 / 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 %	0.09 %
Cannabinoids			
Δ ⁹ -THC	MA-049 / DAB	Report value	75.8 %
Δ ⁹ -THCA	MA-049 / DAB	Report value	< 0.03 (LOD) %
Total THC [THC + (THCA x 0.877)]	MA-049 / DAB	90.0 % to 110.0 % of the label claim	100.3 % (803 mg)
CBD	MA-049 / DAB	Report value	0.76 %
CBDA	MA-049 / DAB	Report value	0.12 %
Total CBD [CBD + (CBDA x 0.877)]	MA-049 / DAB	≤ 3.0 %	0.87 %
CBN	MA-049 / DAB	≤ 2.5 %	1.1 %
Other cannabinoid (Together with any corresponding acid)	MA-049 / DAB	Report value	5.9 %
Total other cannabinoids	MA-049 / DAB	Report value	13.6 %
Mycotoxins			
Aflatoxin B1	MA-008 / Ph.Eur.2.8.18	≤ 2 µg/Kg	< 0.25 (LOD) µg/Kg
Aflatoxins (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
Pesticides			
Pesticides *	MA-008 / Ph.Eur.2.8.13	Complies with Ph.Eur.2.8.13	Complies
Residual solvents			
Ethanol	MA-008 / Ph.Eur.5.4.	< 5000 ppm	< 1250 (LOQ) ppm
Microbial Quality			
TAMC - Total aerobic microbial count	MA-049 / 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-049 / Ph.Eur.2.6.12. & Ph.Eur.5.1.4.	≤ 10 CFU/g	< 10 CFU/g
Bile-tolerant gram-negative	MA-049 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4.	Absence in 1 g	Absence/g
<i>Escherichia coli</i>	MA-049 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4.	Absence in 1 g	Absence /g
<i>Salmonella</i>	MA-049 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4.	Absence in 10 g	Absence /10g
<i>Pseudomonas aeruginosa</i>	MA-049 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4.	Absence in 1 g	Absence /g
<i>Staphylococcus aureus</i>	MA-049 / 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 24/4410)

Status:

Approved

Signed by:

Iva Vinhas

Quality Control Director

25/03/2025 10:42

Application of electronic signature