



Certificate of Analysis

Specification	ESP-251/00
Product	Purified Extract THC 72-88% +MK 500 mL DE
Code	FDF0215
Batch no.	E0039
Date of Analysis	23/02/2026

CoA no.	2600670
Manufacturing date	02/02/2026
Expiry date	28/02/2027
Presentation	500 mL amber glass flasks
Bulk batch no.	E0024

TEST	Method	Acceptance Criteria	Results
Appearance	MA-008	Yellow to amber, solid at room temperature	Complies
Odour	MA-008	Sweet, creamy, tropical, mango	Complies
Identification: HPLC	MA-008 / DAB	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
Water	MA-008	≤ 0.5 %	0.07 %
Cannabinoids			
Δ⁹-THC	MA-008 / DAB	Report value	80.2 %
Δ⁹-THCA	MA-008 / DAB	Report value	< 0.03 (LOD) %
Total THC [THC + (THCA x 0.877)]	MA-008 / DAB	72.0 % to 88.0 %	80.2 %
CBD	MA-008 / DAB	Report value	0.65 %
CBDA	MA-008 / DAB	Report value	< 0.03 (LOD) %
Total CBD [CBD + (CBDA x 0.877)]	MA-008 / DAB	≤ 2.0 %	0.67 %
CBN	MA-008 / DAB	≤ 2.5 %	0.38 %
Other cannabinoid (Together with any corresponding acid)	MA-008 / DAB	Report value	3.4 %
Total other cannabinoids	MA-008 / DAB	Report value	15.6 %
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	≤ 0.3 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
Nickel (Ni) *	MA-008 / Ph.Eur.2.4.27	Indicative	< 2.000 (LOQ) ppm
Zinc (Zn) *	MA-008 / Ph.Eur.2.4.27	Indicative	< 3.996 (LOQ) ppm
Pesticides			
Pesticides *	MA-008 / Ph.Eur.2.8.13	Complies with Ph.Eur.2.8.13	Complies



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TEST	Method	Acceptance Criteria	Results
Residual solvents			
Ethanol	MA-008 / Ph.Eur.5.4.	< 5000 ppm	< 312.5 (LOD) ppm
Microbial Quality			
TAMC - Total aerobic microbial count *	MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4.	$\leq 10^3$ CFU/g	< 10 CFU/g
TYMC - Total combined yeast & mould count *	MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4.	$\leq 10^2$ CFU/g	< 10 CFU/g
Bile-tolerant gram-negative bacteria *	MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4.	$\leq 10^2$ CFU/g	< 10 CFU/g
Escherichia coli *	MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4.	Absence in 1 g	Absence /g
Salmonella *	MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4.	Absence in 25 g	Absence /25g
Staphylococcus aureus *	MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4.	Absence in 1 g	Absence /g
Pseudomonas aeruginosa *	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 26/0779)

(*)Result reported from LEF (CoA 25/7010)

Status:

Approved

Signed by:

Joana Coutinho

Quality Control Director

23/02/2026

Application of electronic signature