Certificate of Analysis

Specification	ESP-176/00
Product	Oral Solution THC:CBD 50:<1 mg/mL IND 30ml CR+ IT
Code	FDF0223
Batch no.	E0072
Date of Analysis	08/03/2026

CoA no.	2600885
Manufacturing date	22/08/2025
Expiry date	31/08/2027
Presentation	30 mL amber glass vials with child resistant closure system
Bulk batch no.	D0332

TEST	Method	Acceptance Criteria	Results
Appearance	MA-008	Slightly to yellowish liquid	Complies
Deliverable Volume	MA-008	Mean volume ≥ 30 mL; Individual volume ≥ 28.5 mL	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
Relative density	MA-008	Informative value	0.953
Water	MA-008	≤ 0.5 %	0.03 %
Cannabinoids			
Δ^9-THC	MA-008 / DAB	Report value	50.31 mg/mL
Δ^9-THCA	MA-008 / DAB	Report value	< 0.003 (LOD) mg/mL
Total THC [THC + (THCA x 0.877)]	MA-008 / DAB	90.0 % to 110.0 % of the label claim	100.6 % (50.31 mg/mL)
CBD	MA-008 / DAB	Report value	0.37 mg/mL
CBDA	MA-008 / DAB	Report value	0.02 mg/mL
Total CBD [CBD + (CBDA x 0.877)]	MA-008 / DAB	< 1.00 mg/mL	0.38 mg/mL
CBN	MA-008 / DAB	≤ 1.0 %	0.03 %
Other cannabinoid (Together with any corresponding acid)	MA-008 / DAB	≤ 2.0 %	0.17 %
Total other cannabinoids	MA-008 / DAB	Report value	0.77 %
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	≤ 1.0 ppm	< 0.020 (LOQ) ppm
Cadmium (Cd) *	MA-008 / Ph.Eur.2.4.27	≤ 0.5 ppm	< 0.005 (LOQ) ppm
Lead (Pb) *	MA-008 / Ph.Eur.2.4.27	≤ 5.0 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.2.6.12. & Ph.Eur.5.1.4.	≤ 10^3 CFU/mL	< 10 CFU/mL
TYMC - Total combined yeast & mould count	MA-008 / Ph.Eur.2.6.12. & Ph.Eur.5.1.4.	≤ 10^2 CFU/mL	< 10 CFU/mL
Bile-tolerant gram-negative bacteria	MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4.	≤ 10^2 CFU/mL	< 10 CFU/mL
Escherichia coli	MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4.	Absence in 1 mL	Absence /mL
Salmonella	MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4.	Absence in 10 mL	Absence /10mL
Staphylococcus aureus	MA-008 / Ph.Eur.2.6.13 & Ph. Eur. 5.1.4.	Absence in 1 mL	Absence /mL

Comments

Results in compliance with the specification.

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

(*)Result reported from LEF (CoA 25/6113)

Status:

Approved

Signed by:

Joana Coutinho

Quality Control Director

09/03/2026

Application of electronic signature