



Certificate of Analysis

| | |
|-------------------------|---|
| Specification | ESP-123/09 |
| Product | Somai Cannabisextrakt Hybrid 25:1 (THC:CBD) |
| Code | FDF0012 |
| Batch no. | E0111 |
| Date of Analysis | 20/03/2026 |

| | |
|---------------------------|--|
| CoA no. | 2601083 |
| Manufacturing date | 04/03/2026 |
| Expiry date | 31/03/2028 |
| Presentation | 30 mL amber glass vials with screw cap |
| Bulk batch no. | E0067 |

| TEST | Method | Acceptance Criteria | Results |
|---|------------------------|--|-------------------------|
| Appearance | MA-008 | Slightly to yellowish liquid | Complies |
| Deliverable Volume | MA-008 | Mean volume \geq 30 mL; Individual volume \geq 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 | 0.940 to 0.960 | 0.949 |
| Water | MA-008 | \leq 0.5 % | 0.04 % |
| Cannabinoids | | | |
| Δ^9 -THC | MA-008 / DAB | Report value | 24.47 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 | 97.9 % (24.47 mg/mL) |
| CBD | MA-008 / DAB | Report value | 0.33 mg/mL |
| CBDA | MA-008 / DAB | Report value | 0.01 mg/mL |
| Total CBD [CBD + (CBDA x 0.877)] | MA-008 / DAB | < 1.00 mg/mL | 0.34 mg/mL |
| CBN | MA-008 / DAB | \leq 1.0 % | 0.05 % |
| Other cannabinoid (Together with any corresponding acid) | MA-008 / DAB | \leq 2.0 % | 0.13 % |
| Total other cannabinoids | MA-008 / DAB | Report value | 0.51 % |
| Mycotoxins | | | |
| Aflatoxin B1 | MA-008 / Ph.Eur.2.8.18 | \leq 2 μ g/Kg | < 0.25 (LOD) μ g/Kg |
| Aflatoxins (B1+B2+G1+G2) | MA-008 / Ph.Eur.2.8.18 | \leq 4 μ g/Kg | < 0.25 (LOD) μ g/Kg |
| Ochratoxin A | MA-008 / Ph.Eur.2.8.22 | \leq 20 μ g/Kg | < 2 (LOD) μ g/Kg |
| Heavy Metals | | | |
| Arsenic (As) * | MA-008 / Ph.Eur.2.4.27 | \leq 0.2 ppm | < 0.020 (LOQ) ppm |
| Cadmium (Cd) * | MA-008 / Ph.Eur.2.4.27 | \leq 0.3 ppm | < 0.005 (LOQ) ppm |
| Lead (Pb) * | MA-008 / Ph.Eur.2.4.27 | \leq 0.5 ppm | < 0.020 (LOQ) ppm |
| Mercury (Hg) * | MA-008 / Ph.Eur.2.4.27 | \leq 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. | $\leq 10^3$ CFU/mL | < 10 CFU/mL |
| TYMC - Total combined yeast & mould count | MA-008 / Ph.Eur.2.6.12. & Ph.Eur.5.1.4. | $\leq 10^2$ CFU/mL | < 10 CFU/mL |
| Bile-tolerant gram-negative bacteria | MA-008 / Ph.Eur.2.6.13 & Ph.Eur. 5.1.4. | $\leq 10^2$ CFU/mL | < 10 CFU/mL |
| <i>Escherichia coli</i> | MA-008 / Ph.Eur.2.6.13 & Ph.Eur. 5.1.4. | Absence in 1 mL | Absence /mL |
| <i>Salmonella</i> | MA-008 / Ph.Eur.2.6.13 & Ph.Eur. 5.1.4. | Absence in 10 mL | Absence /10mL |
| <i>Staphylococcus aureus</i> | 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 25/4306)

Status:

Approved

Signed by:

Joana Coutinho

Quality Control Director

25/03/2026

Application of electronic signature