



## Certificate of Analysis

<b>Specification</b>	ESP-122/04
<b>Product</b>	Somai Cannabiseextrakt Hybrid 25:25 (THC:CBD)
<b>Code</b>	FDF0011
<b>Batch no.</b>	E0088
<b>Date of Analysis</b>	13/03/2026

<b>CoA no.</b>	2601026
<b>Manufacturing date</b>	26/02/2026
<b>Expiry date</b>	29/02/2028
<b>Presentation</b>	30 mL amber glass vials with screw cap
<b>Bulk batch no.</b>	E0056

TEST	Method	Acceptance Criteria	Results
<b>Appearance</b>	MA-008	Slightly to yellowish liquid	Complies
<b>Deliverable Volume</b>	MA-008	Mean volume $\geq$ 30 mL; Individual volume $\geq$ 28.5 mL	Complies
<b>Identification: HPLC</b>	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
<b>Identification: TLC</b>	MA-008	The sequence of zones in the chromatograms of the reference solution and the test solution are similar	Positive
<b>Relative density</b>	MA-008	Informative value	0.952
<b>Water</b>	MA-008	$\leq$ 0.5 %	0.04 %
<b>Cannabinoids</b>			
$\Delta^9$ -THC	MA-008 / DAB	Report value	23.91 mg/mL
$\Delta^9$ -THCA	MA-008 / DAB	Report value	< 0.003 (LOD) mg/mL
<b>Total THC</b> [THC + (THCA x 0.877)]	MA-008 / DAB	90.0 % to 110.0 % of the label claim	95.6 % (23.91 mg/mL)
<b>CBD</b>	MA-008 / DAB	Report value	24.64 mg/mL
<b>CBDA</b>	MA-008 / DAB	Report value	0.28 mg/mL
<b>Total CBD</b> [CBD + (CBDA x 0.877)]	MA-008 / DAB	90.0 % to 110.0 % of the label claim	99.5 % (24.88 mg/mL)
<b>CBN</b>	MA-008 / DAB	$\leq$ 1.0 %	0.05 %
<b>Other cannabinoid (Together with any corresponding acid)</b>	MA-008 / DAB	$\leq$ 2.0 %	0.29 %
<b>Total other cannabinoids</b>	MA-008 / DAB	Report value	0.87 %
<b>Mycotoxins</b>			
<b>Aflatoxin B1</b>	MA-008 / Ph.Eur.2.8.18	$\leq$ 2 $\mu$ g/Kg	< 0.25 (LOD) $\mu$ g/Kg
<b>Aflatoxins</b> (B1+B2+G1+G2)	MA-008 / Ph.Eur.2.8.18	$\leq$ 4 $\mu$ g/Kg	< 0.25 (LOD) $\mu$ g/Kg
<b>Ochratoxin A</b>	MA-008 / Ph.Eur.2.8.22	$\leq$ 20 $\mu$ g/Kg	< 2 (LOD) $\mu$ g/Kg
<b>Heavy Metals</b>			
<b>Arsenic (As) *</b>	MA-008 / Ph.Eur.2.4.27	$\leq$ 0.2 ppm	< 0.010 (LOQ) ppm
<b>Cadmium (Cd) *</b>	MA-008 / Ph.Eur.2.4.27	$\leq$ 0.3 ppm	< 0.005 (LOQ) ppm
<b>Lead (Pb) *</b>	MA-008 / Ph.Eur.2.4.27	$\leq$ 0.5 ppm	< 0.020 (LOQ) ppm
<b>Mercury (Hg) *</b>	MA-008 / Ph.Eur.2.4.27	$\leq$ 0.1 ppm	< 0.008 (LOQ) ppm
<b>Nickel (Ni) *</b>	MA-008 / Ph.Eur.2.4.27	Indicative	< 0.208 (LOQ) ppm
<b>Zinc (Zn) *</b>	MA-008 / Ph.Eur.2.4.27	Indicative	< 0.718 (LOQ) ppm
<b>Pesticides</b>			
<b>Pesticides *</b>	MA-008 / Ph.Eur.2.8.13	Complies with Ph.Eur.2.8.13	Complies



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<b>Residual solvents</b>			
<b>Ethanol</b>	MA-008 / Ph.Eur.5.4.	< 5000 ppm	< 312.5 (LOD) ppm
<b>Microbial Quality</b>			
<b>TAMC - Total aerobic microbial count</b>	MA-008 / Ph.Eur.2.6.12. & Ph.Eur.5.1.4.	$\leq 10^3$ CFU/mL	< 10 CFU/mL
<b>TYMC - Total combined yeast &amp; mould count</b>	MA-008 / Ph.Eur.2.6.12. & Ph.Eur.5.1.4.	$\leq 10^2$ CFU/mL	< 10 CFU/mL
<b>Bile-tolerant gram-negative bacteria</b>	MA-008 / Ph.Eur.2.6.13 & Ph.Eur. 5.1.4.	$\leq 10^2$ CFU/mL	< 10 CFU/mL
<b><i>Escherichia coli</i></b>	MA-008 / Ph.Eur.2.6.13 & Ph.Eur. 5.1.4.	Absence in 1 mL	Absence /mL
<b><i>Salmonella</i></b>	MA-008 / Ph.Eur.2.6.13 & Ph.Eur. 5.1.4.	Absence in 10 mL	Absence /10mL
<b><i>Staphylococcus aureus</i></b>	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 26/1064)

**Status:**

Approved

**Signed by:**

Joana Coutinho

Quality Control Director

16/03/2026

*Application of electronic signature*