

CERTIFICATE OF ANALYSIS

Substance	CBD Extract 50 % in MCT Oil
Product Code	6 148 02 F
Batch Nr.	EF21/046-06
Release Date	03/07/2021
Retest Date	01/12/2022
Storage	Store between 15 - 25 °C in a tight container protected from light and humidity
Net weight	7.500 Kg
Description	Yellow or Green to brown viscous liquid
Carrier:	Medium-Chain Triglyceride (MCT) oil

ANALYTICAL REPORT

Test	Results	Acceptance criteria	Method
Appearance	Complies	Yellow or green to brown viscous liquid	Visual Inspection
Cannabinoids content: - Total Cannabidiol (CBD + CBDA) - Δ ⁹ -THC - CBC - CBG	50.2 % < 0.2 % N.D. N.D.	45.0 – 55.0 % NMT 0.2 % <i>Informative</i> <i>Informative</i>	DAB monograph
Related substances: - CBN	N.D.	NMT 0.1%	DAB monograph
Water content	0.1 %	NMT 0.2%	Ph. Eur. 2.5.12 current ed.
Microbial contamination* - Total aerobic microbial count - Total combined yeast/mould count - Enterobacteriaceae - Pseudomonas Aeruginosa - Staphylococcus aureus	Complies Complies Complies Complies Complies	NMT 10 ³ CFU/g NMT 10 ² CFU/g NMT 10 ² CFU/g Absent/1 mL Absent/25 mL	Ph. Eur. (2.6.12) current ed. Ph. Eur. (2.6.12) current ed. Ph. Eur. (2.6.31) current ed. Ph. Eur. (2.6.31) current ed. Ph. Eur. (2.6.31) current ed.
Aflatoxin* - Aflatoxin B ₁ - Sum of Aflatoxin B ₁ B ₂ G ₁ G ₂	Complies Complies	NMT 2 µg/kg NMT 4 µg/kg	Ph. Eur. 2.8.18 current ed.
Ochratoxin A*	Complies	NMT 20 µg/kg	Ph. Eur. 2.8.22 current ed.
Heavy Metal* - Pb - Cd - Hg - As	Complies Complies Complies Complies	NMT 5 ppm NMT 1 ppm NMT 0.1 ppm NMT 1.5 ppm	Ph. Eur. 2.4.27 current ed.
Pesticides*	Complies	Complies with Ph Eur List	Ph. Eur. 2.8.13 current ed.

Remarks

Ph. Eur. Grade MCT oil is used as a carrier

NMT = Not more than

N.D. = Not Detectable

*Routine/Skip test according to performed assessment

*This certificate is issued electronically by EMMAC Life Sciences,
in compliance with the data reported on the original analytical
documentation.*

Date: 29/07/2021