

CERTIFICATE OF ANALYSIS

Substance	Broad Spectrum Cannabidiol Distillate in MCT Oil 5% CBD
Product Code	6 121 02 F
Batch Nr.	EF21/067-07
Release Date	11/08/2021
Retest Date	24 months
Storage	Store below 25 °C in a tight container protected from light and humidity.
Net weight	20kg (2000 units 10mL)
Description	Clear to light-yellow brown viscous liquid
Carrier:	Medium-Chain Triglyceride (MCT) oil

ANALYTICAL REPORT

Test	Results	Acceptance criteria	Method
Appearance	Complies	Clear to light-yellow brown viscous liquid	Visual Inspection
Identification by HPLC:	Complies	Complies with reference standard	HPLC Ph. Helv.
Assay by HPLC: - Total Cannabidiol (CBD + CBDA)	4.8%	5% ±0.5%	HPLC DAB Monograph
Related substances by HPLC - Total Δ ⁹ -THC (sum of THC + THCA) - CBN - CBC - CBG	<0.05% N.D. N.D. N.D.	NMT 0.2% N.D. Informative Informative	HPLC DAB Monograph
Water content by KF	0.3%	NMT 1%	Ph. Eur. 2.5.12 current ed.
Residual solvents - Ethanol	<200 ppm	< 5000 ppm	GC In House
Microbial contamination: - Total aerobic microbial count - Total combined yeast/mould count - Bile tolerant gram-negative bacteria - E. Coli - Salmonella	< 1000 < 100 <100 Absent Absent	NMT 10 ⁴ CFU/mL NMT 10 ² CFU/mL NMT 10 ² CFU/mL 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.
Pesticides*(GC-MS/PLC-MS/MS)	Complies	Complies with Ph. Eu List	Ph. Eu List
Aflatoxins Aflatoxins 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 metals* - Pb - Cd - Hg - As - Ni - Zn	< LOQ < LOQ < LOQ < LOQ < LOQ < LOQ	NMT 5 ppm NMT 1 ppm NMT 0.1 ppm Informative Informative Informative	IPC/MS

Remarks

* Routine control or skip/periodic test according to performed assessment.

N.A. = not applicable

N.D. = not detectable

LOQ=limit of quantification

NMT=not more than

*This certificate is issued electronically
in compliance with the data reported on the original analytical
documentation.*

Date: 16/08/2021