

ANALYSIS REPORT – 190727-001

Report created: July 27, 2019

Sample: CBD oil 10%

Batch number: K190721

Results:

ABBREVIATION	FULL NAME	RESULT (%)
CBD	Cannabidiol	7,84 %
CBDA	Cannabidiolic acid	2,63 %
Δ^9 THC	Δ^9 Tetrahydrocannabinol	0,16%
THCA	Tetrahydrocannabinolic acid	0,03%
Δ^8 THC	Δ^8 Tetrahydrocannabinol	BLQ
CBG	Cannabigerol	0,05%
CBGA	Cannabigerolic acid	0,03%
THCV	Tetrahydrocannabivarin	0,04%
CBDV	Cannabidivarin	0,11%
CBDVA	Cannabidivarinic Acid	0,15%
CBC	Cannabinochromene	0,11%

For the calculations of the equivalence sums, the respective acid forms (CBDA and THCA) need to be multiplied by the factor of 0.877 and 0.878, respectively, to infer the equivalent amount of the neutral forms.

Note: BLQ – Below the limit of Quantitation

Analytical method: Convergence chromatography

Column: Waters, ACQUITY UPC² BEH-2-EP 1.7 μ m; 3.0 x 100 mm

Mobile phase A: Supercritical CO₂

Mobile phase B: EtOH/H₂O 1/1

Gradient: Yes

Temperature: 50°C

Injection volume: 5 μ L

Run time: 10 min

Detection: 228 nm with baseline correction over 200 to 400 nm

* The analysis results were obtained by in-house validated method with the use of certified reference standard compounds at known concentrations. The accuracy of the results is within ± 3 %. It is strictly forbidden to disclose or/and reproduce this report to any third party without a written permission from Essentia Pura d.o.o. Changes and errors of any kind reserved.