

## ANALYSIS REPORT\*

**Report number:** 20200828001

**Report created:** September 9, 2020

**Sample:** Premium 5% CBD Oil in Hemp Seed Oil

**Batch number:** 0504

**Client:** Cannaboss

### Results:

ABBREVIATION	FULL NAME	RESULT (%)
T-CBD	Total Cannabidiol (CBD + CBDA)	5,70%
CBD	Cannabidiol	5,20%
CBDA	Cannabidiolic acid	0,58%
T-THC	Total Tetrahydrocannabinol (THC + THCA)	0,19%
$\Delta^9$ THC	$\Delta^9$ Tetrahydrocannabinol	0,19%
THCA	Tetrahydrocannabinolic acid	BLQ
$\Delta^8$ THC	$\Delta^8$ Tetrahydrocannabinol	BLQ
CBG	Cannabigerol	0,08%
CBGA	Cannabigerolic acid	BLQ

For the calculations of the equivalence sums, the respective acid forms (CBDA and THCA) were 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; the measured value was below the detection limit of 0,01 % respectively 100 mg/kg.

*Analytical method: Ultra Performance Convergence Chromatography (UPC<sup>2</sup>)*

*Column: Waters, ACQUITY UPC<sup>2</sup> BEH-2-EP 1.7  $\mu$ m; 3.0 x 100 mm*

*Mobile phase A: Supercritical CO<sub>2</sub>*

*Mobile phase B: MeOH/EtOH 1/1*

*Gradient: Yes*

*Temperature: 50 °C*

*Injection volume: 5  $\mu$ L*

*Run time: 10 min*

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