

## ANALYSIS REPORT

**Report number:** 20211123001

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

**Batch number:** 0712-1310-5

**Expiration date:** 23/02/2023

### Results:

ABBREVIATION	FULL NAME	RESULT (%)
T-CBD	<b>Total Cannabidiol (CBD + CBDA)</b>	<b>6,38 %</b>
CBD	Cannabidiol	5,08 %
CBDA	Cannabidiolic acid	1,48 %
CBC	Cannabichromene	0,15 %
CBG	Cannabigerol	0,04 %
T-THC	<b>Total Tetrahydrocannabinol (THC + THCA)</b>	<b>0,17 %</b>
$\Delta^9$ THC	$\Delta^9$ Tetrahydrocannabinol	0,17 %
THCA	Tetrahydrocannabinolic 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 (UPC2)

Column: Waters, ACQUITY UPC2 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: 10  $\mu$ 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. The accuracy of the results is within  $\pm$  5 %.