

# CERTIFICATE OF ANALYSIS

No. 2023-824

## Applicant details

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## Information about sample

Sample ID: EF05  
Sample name: **Hemp oil with H4CBD - 20**  
Sample received: 2023-06-14  
Analysis finalized and reviewed: 2023-06-14

## Results

Parameter	LOD, %	LOQ, %	Result, % (w/w)	Result, mg/g
<b>CBDV</b> (Cannabidivarin)	0,01	0,03	ND	ND
<b>THCV</b> (Tetrahydrocannabivarin)	0,01	0,03	ND	ND
<b>CBD</b> (Cannabidiol)	0,01	0,03	ND	ND
<b>H4CBD</b> (Hexahydrocannabidiol)	0,01	0,03	<b>20,27</b>	<b>202,7</b>
<b>CBG</b> (Cannabigerol)	0,01	0,03	ND	ND
<b>CBDA</b> (Cannabidiolic acid)	0,01	0,03	ND	ND
<b>CBGA</b> (Cannabigerolic acid)	0,01	0,03	ND	ND
<b>CBN</b> (Cannabinol)	0,01	0,03	ND	ND
<b>9THC</b> (tetrahydrocannabinol)	0,01	0,03	ND	ND
<b>CBC</b> (Cannabichromene)	0,01	0,03	ND	ND
<b>THCA</b> (Tetrahydrocannabinolic acid)	0,01	0,03	ND	ND
<b>Total CBG<sup>1</sup></b>			<b>ND</b>	<b>ND</b>
<b>Total CBD<sup>2</sup></b>			<b>ND</b>	<b>ND</b>
<b>Total THC<sup>3</sup></b>			<b>ND</b>	<b>ND</b>
<b>Total cannabinoids</b>			<b>20,27</b>	<b>202,7</b>

### \*NOTES:

LOD – Limit of detection,

LOQ – Limit of Quantitation,

ND – Not detected (the measured value was below the detection limit of 0,01 w/w %)

<sup>1</sup>Total CBG = CBGA \* 0,878 + CBG; <sup>2</sup>Total CBD = CBDA \* 0,877 + CBD; <sup>3</sup>Total THC = THCA \* 0,877 + THC

Method of Analysis: HPLC-DAD (High Performance Liquid Chromatography – Diode Array Detector). All measurement methods were calibrated and controlled with certified reference materials (CRM). Except for tetrahydrocannabinol (THC), for which the calculation method is used. The results relate only to the tested samples. In case the laboratory is not responsible for the sampling phase, the results refer to the sample as is received.



Quality specialist Rimantė Noreikienė