



Address: VSCHT Praha, Technická 1905/5, 166 28 Prague 6, Czech Republic (tel.: +420 602833424; +420 220443184; http://uapv.vscht.cz/mzl)

**Test certificate ML: 3348/21**

print no.: ENG\_788/21

Client: 3h Lab Sp z.o.o

 Olawska 201  
 Jelcz - Laskowice  
 Poland

 Sample received: 24.9.2021  
 Order no.: 24.9.2021  
 Sample description (client's): CBD oil 5%  
 Batch Nr. 18092105

 Testing item: oil  
 packaging: bottle - colored glass  
 quantity: 10 ml

 Date of testing: 24.09.2021 - 06.10.2021  
 Location of testing: facilities of the MZL UTC, Technická 1903/3, 166 28 Prague 6 - Dejvice  
 Testing methods used: KM 21: LC-MS

**TEST RESULTS:**
**CANNABINOIDS**

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
CBD (cannabidiol)	5.8	1.2	% weight	KM 21	
CBDA (cannabidiolic acid)	0.0079	0.0012	% weight	KM 21	
$\Delta^9$ -THC (delta-9-tetrahydrocannabinol)	0.0071	0.001	% weight	KM 21	
$\Delta^8$ -THC (delta-8-tetrahydrocannabinol)	0.0011	0.0003	% weight	KM 21	
$\Delta^9$ -THCA-A (delta-9-tetrahydrocannabinolic acid-A)	0.0013	0.0003	% weight	KM 21	
CBN (cannabinol)	0.063	0.010	% weight	KM 21	
CBNA (cannabinolic acid)	<0.00025	-	% weight	KM 21	
CBG (cannabigerol)	0.034	0.005	% weight	KM 21	
CBGA (cannabigerolic acid)	0.0025	0.0005	% weight	KM 21	
CBDV (cannabidivarin)	0.030	0.005	% weight	KM 21	
CBDVA (cannabidivarinic acid)	0.00047	0.00016	% weight	KM 21	
CBC (cannabichromene)	0.12	0.012	% weight	KM 21	
CBCA (cannabichromenic acid)	<0.0025	-	% weight	KM 21	
THCV (tetrahydrocannabivarin)	<0.0025	-	% weight	KM 21	
THCVA (tetrahydrocannabivarinic acid)	<0.00025	-	% weight	KM 21	
CBL (cannabicyclo)	0.021	0.003	% weight	KM 21	
CBLA (cannabicyclic acid)	<0.0025	-	% weight	KM 21	

\* the sign "&lt;" indicate that concentration is lower than this value, i.e. below limit of quantitation (LOQ)

**Specification used for the assessment of test results:**

 Expanded uncertainty was calculated using coverage factor  $k = 2$  corresponding to a coverage probability of approximately 95%.  
 Uncertainty was calculated and stated according to the EA-4/16 and manual Kvalimetrie 11 (issued by EURACHEM CZ). Uncertainty of sampling is not covered. Compliance is evaluated with respect to the uncertainty of test result according to the Guide ILAC-G8.  
 The results given herein apply only to the sample as received. This certificate shall not be reproduced except in full, without written approval of the Laboratory. The certificate does not substitute any other legal document. Laboratory is not responsible for information

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supplied by customer, if such information can affect the validity of results.

Appendix:

Date of issue: 6.10.2021

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Prof. Dr. Jana Hajšlová, head of the laboratory

*The end of Certificate*