



University of Chemistry and Technology, Prague  
Metrological and Testing Laboratory UCT Prague

Testing laboratory No. 1316.2 accredited by the CAI according to the EN ISO/IEC 17025:2018



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

## Test certificate ML: 949/22

print no.: ENG\_254/22

Client:



Sample received: 29.3.2022  
Order no.: Canx34377  
Sample description (client's): CBG Biomass 8%

Testing item: CBG biomass  
packaging: polyethylene bag (PE)  
quantity: 2 g

Date of testing: 29.03.2022 - 12.04.2022  
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]	0.030	0.0045	% weight	KM 21	
CBDA [cannabidiolic acid]	0.12	0.012	% weight	KM 21	
Δ <sup>9</sup> -THC [delta-9-tetrahydrocannabinol]	0.033	0.0050	% weight	KM 21	
Δ <sup>8</sup> -THC [delta-8-tetrahydrocannabinol]	<0.0001	-	% weight	KM 21	
Δ <sup>9</sup> -THCA-A [delta-9-tetrahydrocannabinolic acid-A]	0.027	0.0041	% weight	KM 21	
CBN [cannabinol]	0.00097	0.00034	% weight	KM 21	
CBNA [cannabinolic acid]	0.00082	0.00029	% weight	KM 21	
CBG [cannabigerol]	0.30	0.030	% weight	KM 21	
CBGA [cannabigerolic acid]	5.55	0.56	% weight	KM 21	
CBDV [cannabidivarin]	0.00096	0.00034	% weight	KM 21	
CBDVA [cannabidivarinic acid]	0.0032	0.00064	% weight	KM 21	
CBC [cannabichromene]	0.058	0.0087	% weight	KM 21	
CBCA [cannabichromenic acid]	0.12	0.012	% weight	KM 21	
THCV [tetrahydrocannabivarin]	0.0034	0.00068	% weight	KM 21	
THCVA [tetrahydrocannabivarinic acid]	0.0034	0.00068	% weight	KM 21	
CBL [cannabicyclol]	0.00077	0.00027	% weight	KM 21	
CBLA [cannabicyclolic acid]	0.0028	0.00056	% weight	KM 21	

\* the sign "<" 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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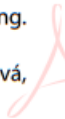
page 2 of 2

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

Appendix:

Date of issue: 12.4.2022

prof. Ing.  
Jana  
Hajšlová,  
CSc.



Digitálně  
podepsal prof. Ing.  
Jana Hajšlová, CSc.  
Datum: 2022.04.12  
22:37:05 +02'00'

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Prof. Dr. Jana Hajšlová, head of the laboratory

The end of Certificate



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## Test certificate ML: 950/22

print no.: ENG\_255/22

Client:



Sample received: 29.3.2022  
Order no.: Canx34377  
Sample description (client's): CBG Flower 8%

Testing item: CBG flower  
packaging: polyethylene bag (PE)  
quantity: 2 g  
Date of testing: 29.03.2022 - 12.04.2022  
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]	0.0016	0.00040	% weight	KM 21	
CBDA [cannabidiolic acid]	0.0039	0.00078	% weight	KM 21	
$\Delta^9$ -THC [delta-9-tetrahydrocannabinol]	0.080	0.012	% weight	KM 21	
$\Delta^8$ -THC [delta-8-tetrahydrocannabinol]	<0.0001	-	% weight	KM 21	
$\Delta^9$ -THCA-A [delta-9-tetrahydrocannabinolic acid-A]	0.090	0.014	% weight	KM 21	
CBN [cannabinol]	0.0015	0.00038	% weight	KM 21	
CBNA [cannabinolic acid]	0.0020	0.00050	% weight	KM 21	
CBG [cannabigerol]	0.32	0.032	% weight	KM 21	
CBGA [cannabigerolic acid]	8.77	0.88	% weight	KM 21	
CBDV [cannabidivarinol]	0.00010	0.00004	% weight	KM 21	
CBDVA [cannabidivarinic acid]	0.00048	0.00017	% weight	KM 21	
CBC [cannabichromene]	0.12	0.012	% weight	KM 21	
CBCA [cannabichromenic acid]	0.24	0.024	% weight	KM 21	
THCV [tetrahydrocannabivarinol]	0.0099	0.0015	% weight	KM 21	
THCVA [tetrahydrocannabivarinic acid]	0.012	0.0018	% weight	KM 21	
CBL [cannabicyclol]	0.00064	0.00022	% weight	KM 21	
CBLA [cannabicyclolic acid]	0.0013	0.00033	% weight	KM 21	

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

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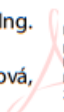
page 2 of 2

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

Appendix:

Date of issue: 12.4.2022

prof. Ing.  
Jana  
Hajšlová,  
CSc.



Digitálně podepsal  
prof. Ing. Jana  
Hajšlová, CSc.  
Datum: 2022.04.12  
22:39:11 +02'00'

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Prof. Dr. Jana Hajšlová, head of the laboratory

The end of Certificate