



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

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



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## Test certificate

**ML:4058/21** print no.: ENG\_835/21

Client: HEMONA360  
Slavyanska 78, Plovdiv  
Bulgaria 4000

Sample received: 15.10.2021  
Order no.: Canx35985  
Sample description (client's): CBD Flower 15% Sample 1

Testing item:  
plant material  
packaging: polyethylene bag (PE)  
quantity: 20 g

Date of testing: 15.10.2021 - 19.10.2021  
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)	0.30	0.030	% weight	KM 21	
CBDA (cannabidiolic acid)	16.24	1.6	% weight	KM 21	
$\Delta^9$ -THC (delta-9-tetrahydrocannabinol)	0.041	0.0062	% weight	KM 21	
$\Delta^8$ -THC (delta-8-tetrahydrocannabinol)	<0.0001	-	% weight	KM 21	
$\Delta^9$ -THCA-A (delta-9-tetrahydrocannabinolic acid-A)	0.65	0.065	% weight	KM 21	
CBN (cannabinol)	0.00013	0.000046	% weight	KM 21	
CBNA (cannabinolic acid)	0.0014	0.00035	% weight	KM 21	
CBG (cannabigerol)	0.0025	0.00050	% weight	KM 21	
CBGA (cannabigerolic acid)	0.25	0.025	% weight	KM 21	
CBDV (cannabidivarin)	0.0044	0.00088	% weight	KM 21	
CBDVA (cannabidivarinic acid)	0.19	0.019	% weight	KM 21	
CBC (cannabichromene)	0.024	0.0036	% weight	KM 21	
THCV (tetrahydrocannabivarin)	<0.00005	-	% weight	KM 21	
THCVA (tetrahydrocannabivarinic acid)	0.0084	0.0013	% weight	KM 21	
CBL (cannabicyclol)	<0.0001	-	% 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:**

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

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Date of issue: 19.10.2021

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Prof. Dr. Jana Hajšlová, head of the laboratory

*The end of Certificate*