



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



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Test certificate ML: 1517/24

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Client: EUPHORIA TRADE s.r.o.

Klimentská 1216/46
110 00 Praha - Praha 1
Česká republika

Sample received: 4.7.2024
Order no.: 02.07.2024
Sample description (client's): T9HC Flowers

Testing item: flower
packaging: polyethylene bag (PE)
quantity: 5 g

Date of testing: 04.07.2024 - 08.07.2024
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)	1.34	0.13	% weight	KM 21	
CBDA (cannabidiolic acid)	10.2	1.0	% weight	KM 21	
trans- Δ^9 -THC (trans-delta-9-tetrahydrocannabinol)	0.15	0.015	% weight	KM 21	
cis- Δ^9 -THC (cis-delta-9-tetrahydrocannabinol)	0.10	0.015	% weight	KM 21	
exo-THC (exo-tetrahydrocannabinol)	0.0033	0.00050	% weight	KM 21	
Δ^8 -THC (delta-8-tetrahydrocannabinol)	0.024	0.0036	% weight	KM 21	
Δ^9 -THCA-A (delta-9-tetrahydrocannabinolic acid-A)	0.31	0.031	% weight	KM 21	
Δ^8 -THCA-A (delta8-tetrahydrocannabinolic acid A)	<0.00005	-	% weight	KM 21	
Δ^9 -THCV (delta-9-tetrahydrocannabivarin)	0.00048	0.00017	% weight	KM 21	
Δ^8 -THCV (delta-8-tetrahydrocannabivarin)	0.000075	0.00002	% weight	KM 21	
THCVA (tetrahydrocannabivarinic acid)	0.0010	0.00035	% weight	KM 21	
CBN (cannabinol)	0.0072	0.0011	% weight	KM 21	
CBNA (cannabinolic acid)	0.0079	0.0012	% weight	KM 21	
CBG (cannabigerol)	0.082	0.012	% weight	KM 21	
CBGA (cannabigerolinic acid)	0.34	0.034	% weight	KM 21	
CBDV (cannabidivarin)	0.0043	0.00086	% weight	KM 21	
CBDVA (cannabidivarinic acid)	0.028	0.0042	% weight	KM 21	
CBC (cannabichromene)	0.12	0.012	% weight	KM 21	
CBCA (cannabichromenic acid)	0.70	0.070	% weight	KM 21	
CBL (cannabicyclo)	0.00075	0.00026	% weight	KM 21	
CBLA (cannabicyclololic acid)	0.0049	0.00098	% weight	KM 21	
CBT (cannabicitran)	0.030	0.0045	% weight	KM 21	
CBE (cannabielsoin)	0.0088	0.0013	% weight	KM 21	
CBDP (cannabidiophorol)	0.00041	0.00010	% weight	KM 21	
Δ^9 -THCP (delta-9-tetrahydrocannabiphorol)	<0.00005	-	% weight	KM 21	
Δ^8 -THCP (delta8-tetrahydrocannabiphorol)	<0.00005	-	% weight	KM 21	
CBDB (cannabidibutol)	0.0031	0.00047	% weight	KM 21	
Δ^9 -THCB (delta-9-tetrahydrocannabutol)	0.00028	0.00007	% weight	KM 21	
CBDH (cannabidihexol)	0.00025	0.00006	% weight	KM 21	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
Δ^9 -THCH (delta-9-tetrahydrocannabinol)	<0.00005	-	% weight	KM 21	
CBCV (cannabichromevarine)	0.00053	0.00013	% weight	KM 21	
CBCVA (cannabichromevarinic acid)	0.0026	0.00039	% weight	KM 21	
CBCO (cannabichromeorcin)	<0.00005	-	% weight	KM 21	
CBCOA (cannabichromeorcin acid)	0.0034	0.00068	% weight	KM 21	
CBGAQ (cannabigerol quinone acid)	0.0025	0.00038	% weight	KM 21	
CBND (cannabinodiol)	0.0042	0.00063	% weight	KM 21	
CBV (cannabivarine)	<0.00005	-	% weight	KM 21	
CBVA (cannabivarinic acid)	<0.00005	-	% weight	KM 21	
CBGV (cannabigerovarine)	<0.00005	-	% weight	KM 21	
CBGVA (cannabigerovarinic acid)	0.00021	0.00007	% weight	KM 21	
(R)-HHC (9(R)-hexahydrocannabinol)	0.016	0.0024	% weight	KM 21	
(S)-HHC (9(S)-hexahydrocannabinol)	0.0072	0.0011	% weight	KM 21	
CBGO (cannabigerorcine)	<0.00005	-	% weight	KM 21	
CBGOA (cannabigerorcinic acid)	0.00012	0.00003	% weight	KM 21	
CBGM (cannabigerol monomethyl ether)	0.0011	0.00017	% weight	KM 21	
CBNM (cannabinol monomethyl ether)	<0.00005	-	% weight	KM 21	
CBGB (cannabigerobutol)	<0.00005	-	% weight	KM 21	
Δ^9 -THC equivalents (sum of Δ^9 -THC + Δ^9 -THCA·A x 0,877)	0.52	0.052	% weight	KM 21	
CBD equivalents (sum of CBD + CBDA x 0,877)	10.3	1.0	% weight	KM 21	
CBN equivalents (sum of CBN + CBNA x 0,876)	0.014	0.0021	% weight	KM 21	
CBG equivalents (sum of CBG + CBGA x 0,878)	0.38	0.038	% weight	KM 21	
CBDV equivalents (sum of CBDV + CBDVA x 0,867)	0.028	0.014	% weight	KM 21	
CBC equivalents (sum of CBC + CBCA x 0,877)	0.73	0.073	% weight	KM 21	
THCV equivalents (sum of THCV + THCVA x 0,867)	0.0014	0.00035	% weight	KM 21	
CBL equivalents (sum of CBL + CBLA x 0,877)	0.0051	0.00077	% weight	KM 21	
(R)-HHCP (9(R)-hexahydrocannabiphorol)	<0.00005	-	% weight	KM 21	
(S)-HHCP (9(S)-hexahydrocannabiphorol)	<0.00005	-	% weight	KM 21	
(R)-HHCPO (9(R)-hexahydrocannabiphorol acetate)	<0.00025	-	% weight	KM 21	
(S)-HHCPO (9(S)-hexahydrocannabiphorol acetate)	<0.00025	-	% weight	KM 21	
(R)-HHCO (9(R)-hexahydrocannabinol acetate)	<0.0001	-	% weight	KM 21	
(S)-HHCO (9(S)-hexahydrocannabinol acetate)	<0.0001	-	% weight	KM 21	
(R)-H4CBD (1(R)-tetrahydrocannabidiol)	<0.0001	-	% weight	KM 21	
(S)-H4CBD (1(S)-tetrahydrocannabidiol)	<0.0001	-	% weight	KM 21	
(R)-HHCH (9(R)-hexahydrocannabinol)	<0.00005	-	% weight	KM 21	
(S)-HHCH (9(S)-hexahydrocannabinol)	<0.00005	-	% weight	KM 21	
9-OH-HHC ((±)-9α-hydroxy-hexahydrocannabinol)	0.0005	0.00018	% weight	KM 21	

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

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 ILAC G17:01(2021) and Kvalimetric 11 (EURACHEM/CITAC 4). Uncertainty of sampling is not covered.

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.

Appendix:

Date of issue: 8.7.2024

Prof. Dr. Jana Hajšlová, head of the laboratory

The end of Certificate