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Test certificate ML: 1032/22

print no.: ENG_263/22

Client:

 Giedraiciu sen.
 7 Denavagiu I k.
 Moletu r.
 Lithuania

Sample received:

7.4.2022

Order no.:

4 04 2022

Sample description (client's):

 Shanti Garden CBG (Santhica70)
 Batch No. HS2020

Testing item:

 Dried plant
 packaging: paper bag
 quantity: 10 g

Date of testing:

07.04.2022 - 13.04.2022

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	Assessment of results**	Limit	Notice
CBD (cannabidiol)	0.013	0.0020	% weight	KM 21	X	-	
CBDA (cannabidiolic acid)	0.010	0.0015	% weight	KM 21	X	-	
Δ^9 -THC (delta-9-tetrahydrocannabinol)	0.058	0.0087	% weight	KM 21	X	-	
Δ^8 -THC (delta-8-tetrahydrocannabinol)	<0.0001	-	% weight	KM 21	X	-	
Δ^9 -THCA-A (delta-9-tetrahydrocannabinolic acid-A)	0.020	0.0030	% weight	KM 21	X	-	
CBN (cannabinol)	0.014	0.0021	% weight	KM 21	X	-	
CBNA (cannabinolic acid)	0.0027	0.00054	% weight	KM 21	X	-	
CBG (cannabigerol)	0.72	0.072	% weight	KM 21	X	-	
CBGA (cannabigerolic acid)	10.75	1.1	% weight	KM 21	X	-	
CBDV (cannabidivarin)	0.00013	0.00004	% weight	KM 21	X	-	
CBDVA (cannabidivarinic acid)	0.00019	0.00006	% weight	KM 21	X	-	
CBC (cannabichromene)	0.18	0.018	% weight	KM 21	X	-	
CBCA (cannabichromenic acid)	0.15	0.015	% weight	KM 21	X	-	
THCV (tetrahydrocannabivarin)	0.0040	0.00080	% weight	KM 21	X	-	
THCVA (tetrahydrocannabivarinic acid)	0.0011	0.00028	% weight	KM 21	X	-	
CBL (cannabicyclol)	0.00092	0.00032	% weight	KM 21	X	-	
CBLA (cannabicyclolic acid)	0.0019	0.00048	% weight	KM 21	X	-	
Total Δ^9 -THC (Δ^9 -THC + (Δ^9 -THCA-A * 0.877))	0.075	0.011	% weight	KM 21	C	0.2	

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

** Compliance with respective limit is marked as C (Compliance), Cn (compliance only when the measurement uncertainty is taken into account), N (Non-compliance) or X (not assessed)

Specification used for the assessment of test results:

Regulation (EU) No 1307/2013 establishing rules for direct payments to farmers under support schemes within the framework of the common agricultural policy.

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.

Appendix:

Date of issue: 13.4.2022

Prof. Dr. Jana Hajšlová, head of the laboratory

The end of Certificate