Bia Diagnostics Laboratories

Office: 802-540-0148 | Fax: 802-540-0147
480 HERCULES DR. COLCHESTER, VT 05446

Certificate of Analysis

Company: Lily Hill CBD

Customer ID: 190809-0

Grower License #: N/A

Sample ID: LH-231121

Lot: N/A

Matrix: Oil

Date Sampled: N/A

Date Received: 11/21/2023

Report Date: 12/12/2023

Date Analyzed: 12/8/2023

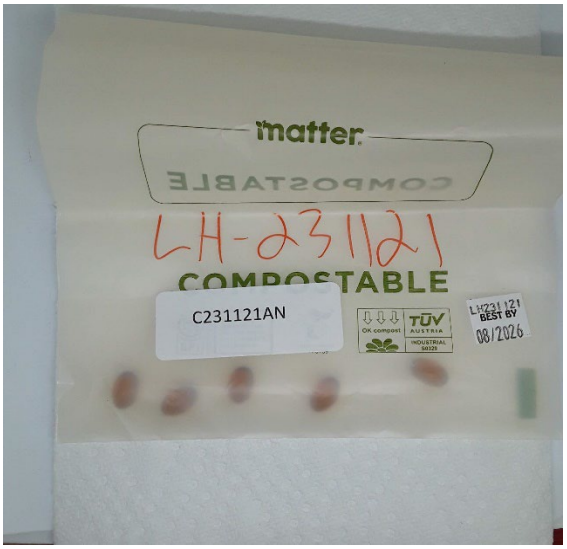
Analyst: 011

Report ID: C231121AN

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	0.26	0.03
CBDA	0.0008	0.28	0.03
CBGA	0.0008	0.26	0.03
CBG	0.0019	1.42	0.14
CBD	0.0019	46.82	4.68
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	1.70	0.17
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	1.31	0.13
Total THC		1.70	0.17
Total CBD		47.06	4.71
Total Cannabinoids		52.06	5.21

0.17% **Total THC**	4.71% **Total CBD**
5.21% **Total Cannabinoids**	0.17% **Δ9-THC**
0.606g **Sample Weight**	1 : 27.6 **THC : CBD Ratio**



Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
Total THC = (THCA x 0.877) + Δ9-THC Total CBD = (CBDA x 0.877) + CBD
Ratio of Total CBD: Total THC Reagent Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.
Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

Certified by: Luke E. M

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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Summary of Results

LH-231121

Prepared for Lily Hill CBD

MANUFACTURER INFO
Lily Hill CBD

LOT NUMBER
N/A

SERVING SIZE
0.606g

MATRIX
Oil

DATE RECEIVED
11/21/2023

DATE ANALYZED
12/8/2023

REPORT DATE
12/12/2023

ORIGINAL REPORT ID
C231121AN

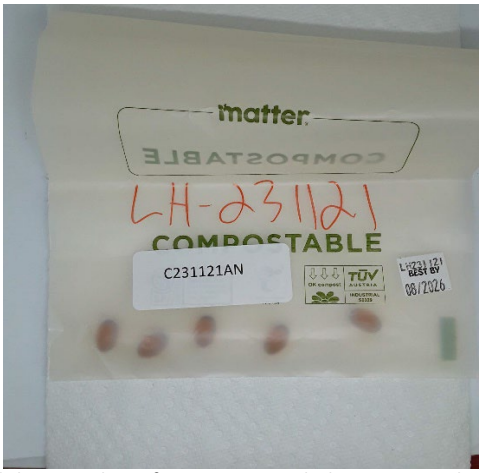
TOTAL CANNABINOIDS

31.55 mg
per serving

Cannabinoid Profile	Concentration (mg/g)	Weight (%)
CBC	1.31	0.13
CBD	46.82	4.68
CBDA	0.28	0.03
CBDV	0.26	0.03
CBDVA	Not Detected	Not Detected
CBG	1.42	0.14
CBGA	0.26	0.03
CBN	Not Detected	Not Detected
THC-A	Not Detected	Not Detected
THCV	Not Detected	Not Detected
Δ8-THC	Not Detected	Not Detected
Δ9-THC	1.70	0.17
Total CBD	47.06	4.71
Total THC	1.70	0.17
Total Cannabinoids	52.06	5.21

TOTAL THC
1.03 mg
per serving

TOTAL CBD
28.52 mg
per serving



Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values.

Not Detected = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

LOQ = The lowest quantity that this method can reliably detect.

This is not an official Certificate of Analysis

(802) 540-0148 laboratory@biadiagnostics.com