

Certificate of Analysis

Company: Forest City

Sample ID: MAC

PO Box 515

Lot: CLTV0022-047-001

Report Date: 7/19/2023

Richmond, VT 05477

Matrix: Flower

Date Analyzed: 7/14/2023

Customer ID: 211213-0

Date Sampled: 7/10/2023

Analyst: 011

Grower License #: CLTV0022

Date Received: 7/10/2023

Report ID: C230710AJ

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	1.66	0.17
CBGA	0.0008	4.21	0.42
CBG	0.0019	<LOQ	<LOQ
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	11.25	1.13
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	213.91	21.39
CBC	0.0024	<LOQ	<LOQ
Total THC		198.85	19.89
Total CBD		1.45	0.15
Total Cannabinoids		231.03	23.10

19.89%
Total THC
0.15%
Total CBD
23.1%
**Total
Cannabinoids**
1.13%
Δ9-THC
12.26%
**Percent
Moisture**
1 : 0
**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 × 0.877) + Δ9-THC Total CBD = (CBDA × 0.877) + CBD
 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.

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by: *Luke E. M.*
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Forest City
 PO Box 515
 Richmond, VT 05477

Sample ID: MAC
Lot: CLTV0022-047-001
Matrix: Flower

Report Date: 7/24/2023
Date Analyzed: 7/17/2023

Customer ID: 211213-0
Grower License #: CLTV0022

Date Sampled: 7/10/2023
Date Received: 7/10/2023

Analyst: 035
Report ID: C230710AJ

Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α- Pinene	0.010	0.882	0.088
Camphene	0.010	0.210	0.021
β-Myrcene	0.010	1.495	0.150
b-Pinene	0.010	1.987	0.199
3-Carene	0.010	<LOQ	<LOQ
α-Terpinene	0.010	<LOQ	<LOQ
Limonene	0.010	2.592	0.259
p-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	<LOQ	<LOQ
Eucalyptol	0.010	0.039	0.004
γ-Terpinene	0.010	0.023	0.002
Terpinolene	0.010	0.098	0.010
Linalool	0.010	2.804	0.280
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	3.085	0.309
α-Humulene	0.010	1.426	0.143
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	0.043	0.004
α-Bisabolol	0.010	0.146	0.015
Total Terpenes		14.830	1.484

12.26%
Percent Moisture

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

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS



Reagent Blanks: < LOQs for all analytes

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