Bia Diagnostics Laboratories

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

Certificate of Analysis

Company: Pressure Lab Cultivation
68-1 Huntington Str.
Saint Albans, VT
Customer ID: 230307-1
Grower License #: CLTV0251-01

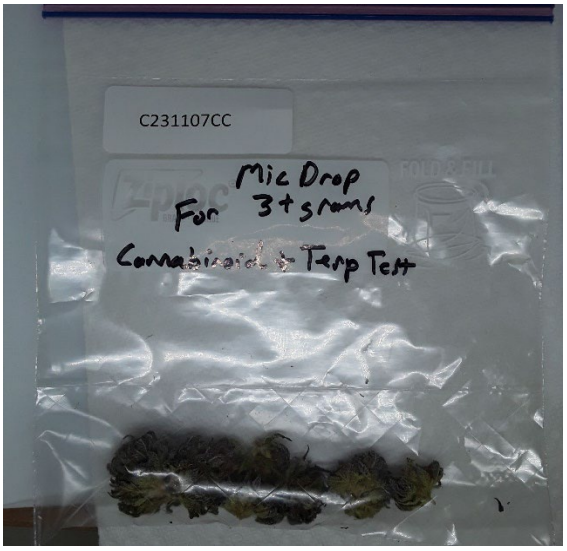
Sample ID: Mic Drop
Lot: CLTV0251-1
Matrix: Flower
Date Sampled: N/A
Date Received: 11/7/2023

Report Date: 11/27/2023
Date Analyzed: 11/22/2023
Analyst: 011
Report ID: C231107CC

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	1.18	0.12
CBGA	0.0008	15.50	1.55
CBG	0.0019	1.75	0.18
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	4.93	0.49
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	261.21	26.12
CBC	0.0024	<LOQ	<LOQ
Total THC		234.01	23.40
Total CBD		1.03	0.10
Total Cannabinoids		284.58	28.46

23.4% **Total THC**	0.1% **Total CBD**
28.46% **Total Cannabinoids**	0.49% **Δ9-THC**
10.75% **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 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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Report Date: 12/1/2023
Date Analyzed: 12/1/2023
Analyst: 048
Report ID: C231107CC

Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α- Pinene	0.010	2.901	0.290
Camphene	0.010	0.404	0.040
β-Myrcene	0.010	4.479	0.448
b-Pinene	0.010	4.089	0.409
3-Carene	0.010	0.038	0.004
α-Terpinene	0.010	<LOQ	<LOQ
Limonene	0.010	8.220	0.822
ρ-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	<LOQ	<LOQ
Eucalyptol	0.010	0.136	0.014
ϒ-Terpinene	0.010	0.041	0.004
Terpinolene	0.010	0.266	0.027
Linalool	0.010	1.663	0.166
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	0.063	0.006
Caryophyllene	0.010	4.041	0.404
α-Humulene	0.010	1.600	0.160
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	0.038	0.004
α-Bisabolol	0.010	0.024	0.002
Total Terpenes		28.003	2.800

10.75%
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

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

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

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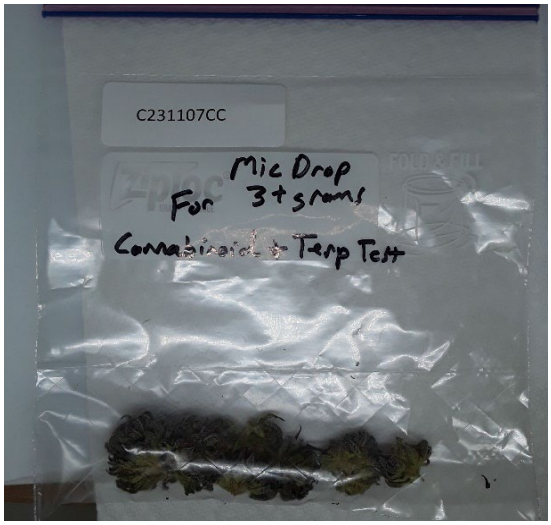
Water Activity Summary

Test	Method	Result
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.4159



Test Methodology: Aqualab TDL 2 water activity meter with tunable diode laser

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