Bia Diagnostics Laboratories

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

Certificate of Analysis

Company: VT Terps, LLC
39 Main St
Proctor, VT 05765
Customer ID: 191002-1
Grower License #: MANU0072

Sample ID: 5 Mg THC Dark Chocolate
Lot: N/A
Matrix: Chocolate
Date Sampled: N/A
Date Received: 10/3/2023

Report Date: 10/13/2023
Date Analyzed: 10/11/2023
Analyst: 011
Report ID: C231003AO

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	<LOQ	<LOQ
CBGA	0.0008	<LOQ	<LOQ
CBG	0.0019	<LOQ	<LOQ
CBD	0.0019	1.43	0.14
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	1.33	0.13
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	<LOQ	<LOQ
Total THC		1.33	0.13
Total CBD		1.43	0.14
Total Cannabinoids		2.75	0.28

0.13% **Total THC**	0.14% **Total CBD**
0.28% **Total Cannabinoids**	0.13% **Δ9-THC**
3.567g **Sample Weight**	1 : 1.1 **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

5 Mg THC Dark Chocolate

Prepared for VT Terps, LLC

MANUFACTURER INFO
VT Terps, LLC

LOT NUMBER
N/A

SERVING SIZE
3.567g

MATRIX
Chocolate

DATE RECEIVED
10/3/2023

DATE ANALYZED
10/11/2023

REPORT DATE
10/13/2023

ORIGINAL REPORT ID
C231003AO

TOTAL CANNABINOIDS

9.83 mg
per serving

Cannabinoid Profile	Concentration (mg/g)	Weight (%)
CBC	Not Detected	Not Detected
CBD	1.43	0.14
CBDA	Not Detected	Not Detected
CBDV	Not Detected	Not Detected
CBDVA	Not Detected	Not Detected
CBG	Not Detected	Not Detected
CBGA	Not Detected	Not Detected
CBN	Not Detected	Not Detected
THC-A	Not Detected	Not Detected
THCV	Not Detected	Not Detected
Δ8-THC	Not Detected	Not Detected
Δ9-THC	1.33	0.13
Total CBD	1.43	0.14
Total THC	1.33	0.13
Total Cannabinoids	2.75	0.28

TOTAL THC
4.73 mg
per serving

TOTAL CBD
5.1 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