

Milk Chocolate

 Sample ID: BIA250510S0006
 Strain: 120mg.

 Matrix: Ingestible
 Type: Chocolate
 Sample Size: 49.579 g
 Lot#:

 Produced:
 Collected:
 Received: 05/13/2025
 Completed: 05/15/2025
 Batch#:

 Client
Vermont Pure CBD
 Lic. #
 1916 Smith Street
 Shoreham, VT 05770


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	05/14/2025	Complete

Cannabinoids

48g per bar

Completed

ND Total THC	2.73 mg/serving Total CBD	2.82 mg/serving Total Cannabinoids
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Analyte	LOQ	Results	Results	Mass	Mass
	%	%	mg/g	mg/serving	mg/container
CBDVa	0.0001	<LOQ	<LOQ	<LOQ	<LOQ
CBDV	0.0001	<LOQ	<LOQ	<LOQ	<LOQ
CBDa	0.0001	<LOQ	<LOQ	<LOQ	<LOQ
CBGa	0.0001	<LOQ	<LOQ	<LOQ	<LOQ
CBG	0.0002	<LOQ	<LOQ	<LOQ	<LOQ
CBD	0.0002	0.07	0.7	2.73	32.76
THCV	0.0002	<LOQ	<LOQ	<LOQ	<LOQ
CBN	0.0001	<LOQ	<LOQ	<LOQ	<LOQ
Δ9-THC	0.0002	<LOQ	<LOQ	<LOQ	<LOQ
Δ8-THC	0.0002	<LOQ	<LOQ	<LOQ	<LOQ
Δ10-THC	0.0000	<LOQ	<LOQ	<LOQ	<LOQ
CBC	0.0002	0.00	0.0	0.09	1.14
THCa	0.0003	<LOQ	<LOQ	<LOQ	<LOQ
Total THC		ND	ND	ND	ND
Total CBD		0.07	0.66	2.73	32.76
Total		0.07	0.68	2.82	33.90

Analyst: 048

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:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




 Luke Emerson-Mason
 Laboratory Director
 05/15/2025

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