

MANSFIELD CBD HD BIOMASS

Sample ID: BIA260607S0217
Strain: MANSFIELD CBD
Harvest Lot: 0594_2022
Matrix: Plant
Type: Biomass
Sample Size: 8.781 g
Lot#:

Produced:
Collected:
Received: 06/15/2026
Completed: 06/25/2026
Batch#:

Client:
Vermont Botanical Farm LLC
Lic. # 50_2022_00000594
 , VT 05647



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	06/17/2026	Complete
Moisture	06/16/2026	10.50% - Complete
Water Activity	06/16/2026	0.521 aw - Complete

Cannabinoids

Completed

0.15% Total THC					9.41% Total CBD					10.46% Total Cannabinoids				
Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving		mg/g	%	mg/g	mg/serving		mg/g	%	mg/g	mg/serving
CBDVa	0.0003	<LOQ	<LOQ		CBCVa	0.0003	<LOQ	<LOQ						
CBDV	0.0003	<LOQ	<LOQ		CBNa	0.0003	<LOQ	<LOQ						
CBDa	0.0005	7.33	73.3		Δ9-THC	0.0005	0.15	1.5						
CBGa	0.0005	<LOQ	<LOQ		Δ8-THC	0.0003	<LOQ	<LOQ						
CBG	0.0005	<LOQ	<LOQ		Δ10-THC*	0.0002	<LOQ	<LOQ						
CBD	0.0005	2.98	29.8		CBL	0.0005	<LOQ	<LOQ						
THCV	0.0003	<LOQ	<LOQ		CBC	0.0003	<LOQ	<LOQ						
CBLV	0.0003	<LOQ	<LOQ		THCa	0.0005	<LOQ	<LOQ						
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	<LOQ	<LOQ						
THCVa	0.0003	<LOQ	<LOQ		CBLa	0.0005	<LOQ	<LOQ						
CBN	0.0005	<LOQ	<LOQ		Total THC		0.15	1.52						
					Total CBD		9.41	94.10						
					Total		10.46	104.64	0.00					

Analyst: 063

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.

*The result is the sum of delta-10 isomers.




Luke Emerson-Mason
 Laboratory Director
 06/25/2026

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