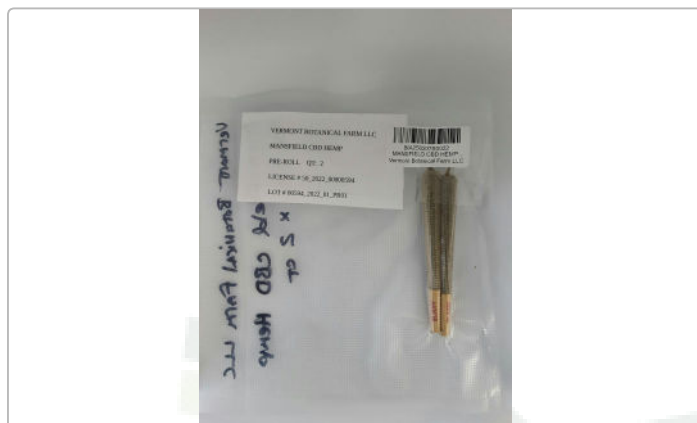


MANSFIELD CBD HEMP PREROLL

 Sample ID: BIA250207S0022
 Strain: MANSFIELD CBD

 Produced:
 Collected:
 Received: 02/07/2025
 Completed: 02/13/2025
 Batch#:

 Client
Vermont Botanical Farm LLC
 Lic. #
 , VT 05647

 Matrix: Plant
 Type: Preroll
 Sample Size: 1.472 g
 Lot#: 00594_2022_01_PR01


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	02/11/2025	Complete
Moisture	02/10/2025	10.30% - Complete
Water Activity	02/10/2025	0.511 aw - Complete

Cannabinoids

Completed

0.25%		9.09%		10.68%	
Total THC		Total CBD		Total Cannabinoids	
Analyte	LOQ %	Mass %	Mass mg/g		
CBDVa	0.0001	<LOQ	<LOQ		
CBDV	0.0001	<LOQ	<LOQ		
CBDa	0.0001	7.52	75.2		
CBGa	0.0001	0.16	1.6		
CBG	0.0002	0.08	0.8		
CBD	0.0002	2.50	25.0		
THCV	0.0002	<LOQ	<LOQ		
CBN	0.0001	<LOQ	<LOQ		
Δ9-THC	0.0002	0.13	1.3		
Δ8-THC	0.0002	<LOQ	<LOQ		
Δ10-THC	0.0000	<LOQ	<LOQ		
CBC	0.0002	0.16	1.6		
THCa	0.0003	0.14	1.4		
Total THC		0.25	2.49		
Total CBD		9.09	90.95		
Total		10.68	106.83		

Analyst: 056

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
 02/13/2025

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coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com
