Bia Diagnostics Laboratories

Bia Diagnostics
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Lic# TLAB0029

MANSFIELD CBD HEMP PREROLL

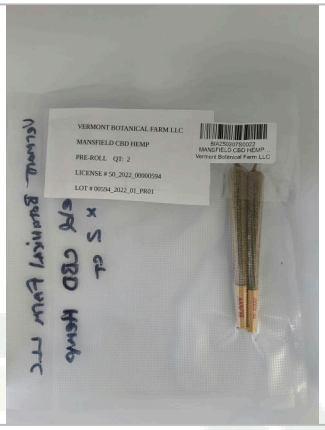
Sample ID: BIA250207S0022
Strain: MANSFIELD CBD

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

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

Client
Vermont Botanical Farm LLC
Lic. #

, VT 05647



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:
TotalTHC=(THCAx0.877)+Δ9-THC
Total CBD = (CBDA x 0.877) + 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