Bia Diagnostics Laboratories

Bia Diagnostics
480 Hercules Drive Suite 101
Colchester, VT 05446

(802) 540-0148
https://www.biadiagnostics.com/
Lic#

1000mg CBD Oil Lot# O25

Sample ID: BIA250411S0040
Strain: Lifter/Suver Haze

Matrix: Ingestible
Type: Liquid Fats (Oils)
Sample Size: 1 units
Lot#:

Produced:
Collected:
Received: 04/14/2025
Completed: 04/21/2025
Batch#:

Client
Mad River Botanicals
Lic. #
410 Butternut Hill Rd
WAITSFIELD, VT 05673

Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	04/18/2025	Complete

Cannabinoids ; Density - 0.932g/mL Completed

Total THC	Total CBD	0.00 mg/serving Total Cannabinoids

Analyte	LOQ	Results	Results	Mass	Mass
	%	%	mg/g	mg/serving	mg/container
CBDVa	0.0001	<LOQ	<LOQ		
CBDV	0.0001	0.03	0.3		
CBDa	0.0001	0.05	0.5		
CBGa	0.0001	<LOQ	<LOQ		
CBG	0.0002	0.19	1.9		
CBD	0.0002	3.85	38.5		
THCV	0.0002	<LOQ	<LOQ		
CBN	0.0001	<LOQ	<LOQ		
Δ9-THC	0.0002	0.12	1.2		
Δ8-THC	0.0002	<LOQ	<LOQ		
Δ10-THC	0.0000	<LOQ	<LOQ		
CBC	0.0002	0.20	2.0		
THCa	0.0003	<LOQ	<LOQ		
Total THC		**0.12**	**1.22**		
Total CBD		**3.90**	**38.97**		
Total		**4.45**	**44.49**	**0.00**	**0.00**

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:
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
04/21/2025