

20mg CBD Elderberry Lemon Gumdrops Lot# G42

 Sample ID: BIA250411S0039
 Strain: Lifter/Sober Haze

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

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

 Matrix: Ingestible
 Type: Soft Chew
 Sample Size: 1 units
 Lot#:


Summary

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

Cannabinoids

Completed

0.52 mg/serving
 Total THC

18.25 mg/serving
 Total CBD

20.80 mg/serving
 Total Cannabinoids

Analyte	LOQ	Results	Results	Mass	Mass
	%	%	mg/g	mg/serving	mg/container
CBDVa	0.0001	<LOQ	<LOQ	<LOQ	
CBDV	0.0001	0.01	0.1	0.13	
CBDa	0.0001	0.02	0.2	0.37	
CBGa	0.0001	<LOQ	<LOQ	<LOQ	
CBG	0.0002	0.05	0.5	0.92	
CBD	0.0002	0.95	9.5	17.93	
THCV	0.0002	<LOQ	<LOQ	<LOQ	
CBN	0.0001	0.00	0.0	0.05	
Δ9-THC	0.0002	0.03	0.3	0.52	
Δ8-THC	0.0002	<LOQ	<LOQ	<LOQ	
Δ10-THC	0.0000	<LOQ	<LOQ	<LOQ	
CBC	0.0002	0.05	0.5	0.88	
THCa	0.0003	<LOQ	<LOQ	<LOQ	
Total THC		0.03	0.28	0.52	
Total CBD		0.97	9.71	18.25	
Total		1.11	11.06	20.80	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:

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

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

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
 04/21/2025

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