Bia Diagnostics Laboratories

Bia Diagnostics
Samples received Monday - Friday 10am to 5pm
Colchester, VT 05446

(802) 540-0148
https://www.biadiagnostics.com/
Lic# TLAB0029

HL 042 Mountain Girl RT

Sample ID: BIA250911S0008
Strain: HL 042 Mountain Girl RT

Matrix: Plant
Type: Flower - Cured
Sample Size: 4.2 g
Lot#: HL 042 Mountain Girl RT

Produced:
Collected:
Received: 09/11/2025
Completed: 09/15/2025
Batch#: HL 042 Mountain Girl RT

Client
Forbins Finest
Lic. # CLTV0087
21 METRO WAY
Barre, VT 05641

Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	09/12/2025	Complete
Moisture	09/12/2025	10.90% - Complete
Water Activity	09/12/2025	0.547 aw - Complete

Cannabinoids

Completed

25.29%
Total THC

0.07%
Total CBD

30.85%
Total Cannabinoids

Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving
CBDVa	0.0003	<LOQ	<LOQ	
CBDV	0.0003	<LOQ	<LOQ	
CBDa	0.0005	0.08	0.8	
CBGa	0.0005	1.38	13.8	
CBG	0.0005	<LOQ	<LOQ	
CBD	0.0005	<LOQ	<LOQ	
THCV	0.0003	<LOQ	<LOQ	
CBLV	0.0003	0.15	1.5	
CBCV	0.0003	<LOQ	<LOQ	
THCVa	0.0003	0.19	1.9	
CBN	0.0005	<LOQ	<LOQ	

Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving
CBCVa	0.0003	<LOQ	<LOQ	
CBNa	0.0003	<LOQ	<LOQ	
Δ9-THC	0.0005	0.23	2.3	
Δ8-THC	0.0003	0.07	0.7	
Δ10-THC*	0.0002	<LOQ	<LOQ	
CBL	0.0005	<LOQ	<LOQ	
CBC	0.0003	<LOQ	<LOQ	
THCa	0.0005	28.58	285.8	
CBCa	0.0006	0.17	1.7	
CBLa	0.0005	<LOQ	<LOQ	
Total THC		**25.29**	**252.89**	
Total CBD		**0.07**	**0.74**	
Total		**30.85**	**308.50**	**0.00**

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

Luke Emerson-Mason
Laboratory Director
09/15/2025

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