

Gypsie Road 2

 Sample ID: BIA250328S0026
 Strain: 020

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 3.57 g
 Lot#:

 Produced:
 Collected:
 Received: 03/28/2025
 Completed: 04/07/2025
 Batch#:

 Client
The Flying Cactus
 Lic. #
 963 South Main Street
 Fair Haven, VT 05743


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	04/01/2025	Complete
Moisture	03/31/2025	11.00% - Complete
Water Activity	03/31/2025	0.548 aw - Complete

Cannabinoids

Completed

25.42%		0.07%		30.42%	
Total THC		Total CBD		Total Cannabinoids	
Analyte	LOQ	Results	Results	Mass	
	mg/g	%	mg/g	mg/serving	
CBDVa	0.0005	<LOQ	<LOQ		
CBDV	0.0012	<LOQ	<LOQ		
CBDa	0.0008	0.08	0.8		
CBGa	0.0008	1.33	13.3		
CBG	0.0019	0.08	0.8		
CBD	0.0019	<LOQ	<LOQ		
THCV	0.0021	<LOQ	<LOQ		
CBN	0.0013	<LOQ	<LOQ		
Δ9-THC	0.0020	0.41	4.1		
Δ8-THC	0.0019	<LOQ	<LOQ		
Δ10-THC	0.0002	<LOQ	<LOQ		
CBC	0.0024	<LOQ	<LOQ		
THCa	0.0034	28.52	285.2		
Total THC		25.42	254.22		
Total CBD		0.07	0.70		
Total		30.42	304.22	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:

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

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

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
 04/07/2025

 Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com
