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Bia Diagnostics 480 Hercules Drive Suite 101 Colchester, VT 05446

Lemon Berry

Sample ID: BIA250328S0017 Strain: 021

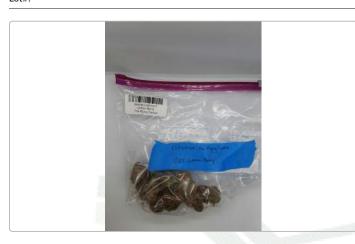
Matrix: Plant Type: Flower - Cured Sample Size: 6.29 g Lot#:

Produced: Collected: Received: 03/28/2025 Completed: 04/04/2025

(802) 540-0148

Lic#TLAB0029

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



Summary

Test Date Tested Result Complete Sample 04/01/2025 Cannabinoids Complete Moisture 03/31/2025 11.10% - Complete Water Activity 03/31/2025 0.574 aw - Complete 04/03/2025 Microbials Complete

Cannabinoids Completed

27.19% Total THC		0.08% Total CBD			33.03% Total Cannabinoids
Analyte	LOQ	Results	Results	Mass	
CBDVa CBDA CBGa CBG CBD THCV CBN A9-THC A8-THC A10-THC CBC THCa Total THC Total CBD	mg/g 0.0005 0.0012 0.0008 0.0008 0.0019 0.0019 0.0021 0.0013 0.0020 0.0019 0.0002 0.0019 0.0002	% <loq 0.04="" 0.08<="" 0.09="" 0.14="" 0.50="" 1.82="" 27.19="" 30.43="" <loq="" td=""><td>mg/g <loq 0.4="" 0.75<="" 0.9="" 1.4="" 18.2="" 271.87="" 304.3="" 5.0="" <loq="" td=""><td>mg/serving</td><td></td></loq></td></loq>	mg/g <loq 0.4="" 0.75<="" 0.9="" 1.4="" 18.2="" 271.87="" 304.3="" 5.0="" <loq="" td=""><td>mg/serving</td><td></td></loq>	mg/serving	
Total CBD Total	4	0.08 33.03	0.75 330.27	0.00	

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. $\Delta 9$ -THC MU = $\pm 0.005\%$ Total THC MU = $\pm 0.007\%$

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 04/04/2025

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Completed **Pathogens**

Pathogens	LOD	Results
	CFU/g	CFU/g
Aspergillus	5	Not Detected
Shiga Toxin E. Coli	5	Not Detected
Salmonella SPP	5	Not Detected

Analyst: 018

Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes



Luke Emerson-Mason Laboratory Director 04/04/2025

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