Bia Diagnostics
480 Hercules Drive Suite 101
Colchester, VT 05446

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

QA Testing

1 of 2

Bia Diagnostics
Laboratories

Apples & Bananas

Sample ID: BIA250514S0007
Strain: 022

Matrix: Plant
Type: Flower - Cured
Sample Size: 6.93 g
Lot#:

Produced:
Collected:
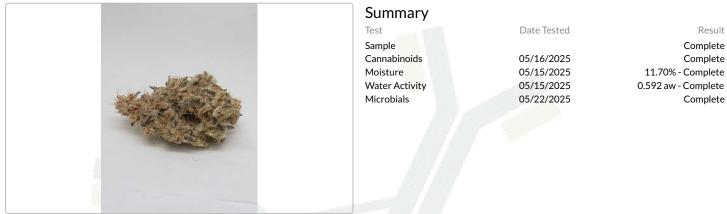Received: 05/15/2025
Completed: 05/22/2025
Batch#:

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

Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	05/16/2025	Complete
Moisture	05/15/2025	11.70% - Complete
Water Activity	05/15/2025	0.592 aw - Complete
Microbials	05/22/2025	Complete

Cannabinoids

Completed

29.33% Total THC	**0.06%** Total CBD	**35.35%** 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	0.06	0.6		
CBGa	0.0008	1.82	18.2		
CBG	0.0019	<LOQ	<LOQ		
CBD	0.0019	<LOQ	<LOQ		
THCV	0.0021	<LOQ	<LOQ		
CBN	0.0013	<LOQ	<LOQ		
Δ9-THC	0.0020	0.50	5.0		
Δ8-THC	0.0019	0.08	0.8		
Δ10-THC	0.0002	<LOQ	<LOQ		
CBC	0.0024	<LOQ	<LOQ		
THCa	0.0034	32.88	328.8		
Total THC		**29.33**	**293.33**		
Total CBD		**0.06**	**0.56**		
Total		**35.35**	**353.45**	**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
05/22/2025

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. All results apply to this sample as received.

Bia Diagnostics
Laboratories

Bia Diagnostics
480 Hercules Drive Suite 101
Colchester, VT 05446

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

Apples & Bananas

Sample ID: BIA250514S0007
Strain: 022

Matrix: Plant
Type: Flower - Cured
Sample Size: 6.93 g
Lot#:

Produced:
Collected:
Received: 05/15/2025
Completed: 05/22/2025
Batch#:

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

Pathogens

Completed

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 E. M

Luke Emerson-Mason
Laboratory Director
05/22/2025

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

confident