

Certificate of Analysis

Company: Vermont Farmed LLC
 4862 VT Route 313W
 Arlington, VT 05250

Sample ID: Sour Fruit Gummies

Lot: 2304187C

Matrix: Gummy

Report Date: 2/8/2024

Date Analyzed: 2/5/2024

Customer ID: 210331-0

Date Sampled: N/A

Analyst: 057

Grower License #: #50_2022_00000577

Date Received: 1/31/2024

Report ID: C240131AU

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	<LOQ	<LOQ
CBGA	0.0008	<LOQ	<LOQ
CBG	0.0019	0.27	0.03
CBD	0.0019	6.33	0.63
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	<LOQ	<LOQ
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	<LOQ	<LOQ
Total THC		<LOQ	<LOQ
Total CBD		6.33	0.63
Total Cannabinoids		6.60	0.66

<LOQ
Total THC

0.63%
Total CBD

0.66%
Total Cannabinoids

<LOQ
Δ9-THC

N/A
Percent Moisture

N/A
THC : CBD Ratio



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:
 Total THC = (THCA x 0.877) + Δ9-THC Total CBD = (CBDA x 0.877) + CBD
 Ratio of Total CBD: Total THC 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 analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

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. Results apply to the samples as received.

Certified by: *Luke E.M*
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Summary of Results

Sour Fruit Gummies

Prepared for Vermont Farmed LLC

MANUFACTURER INFO

Vermont Farmed LLC

LOT NUMBER

2304187C

SERVING SIZE

3.794g

MATRIX

Gummy

DATE RECEIVED

1/31/2024

DATE ANALYZED

2/5/2024

REPORT DATE

2/8/2024

ORIGINAL REPORT ID

C240131AU

TOTAL CANNABINOIDS

25.03 mg
per serving

Cannabinoid Profile	Concentration (mg/g)	Weight (%)
CBC	Not Detected	Not Detected
CBD	6.33	0.63
CBDA	Not Detected	Not Detected
CBDV	Not Detected	Not Detected
CBDVA	Not Detected	Not Detected
CBG	0.27	0.03
CBGA	Not Detected	Not Detected
CBN	Not Detected	Not Detected
THC-A	Not Detected	Not Detected
THCV	Not Detected	Not Detected
Δ8-THC	Not Detected	Not Detected
Δ9-THC	Not Detected	Not Detected
Total CBD	6.33	0.63
Total THC	Not Detected	Not Detected
Total Cannabinoids	6.60	0.66

TOTAL THC

Not Detected

TOTAL CBD

24.01 mg
per serving



Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values.

Not Detected = 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).

LOQ = The lowest quantity that this method can reliably detect.

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(802) 540-0148 laboratory@biadiagnostics.com

This is not an official Certificate of Analysis