



Certificate of Analysis

Company: Vermont Farmed LLC Sample ID: Sour Fruit Gummies

 4862 VT Route 313W
 Lot: 2304187C
 Report Date: 2/8/2024

 Arlington, VT 05250
 Matrix: Gummy
 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< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBDV	0.0012	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBDA	0.0008	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBGA	0.0008	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBG	0.0019	0.27	0.03
CBD	0.0019	6.33	0.63
THCV	0.0021	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBN	0.0013	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Δ9-ΤΗС	0.0020	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Δ8-ΤΗС	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THC-A	0.0034	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
СВС	0.0024	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Total THC		<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Total CBD		6.33	0.63
Total Cannabinoids		6.60	0.66

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:

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 analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

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<LOQ

Total THC

0.63%

Total CBD

0.66%

Total Cannabinoids

<L00

Δ9-ΤΗС

N/A

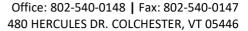
Percent Moisture N/A

THC : CBD Ratio



Luke K.M

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)





Summary of Results

Sour Fruit Gummies

Prepared for Vermont Farmed LLC

MANUFACTURER INFO DATE RECEIVED

Vermont Farmed LLC 1/31/2024

LOT NUMBER DATE ANALYZED

2304187C 2/5/2024

SERVING SIZE REPORT DATE

3.794g 2/8/2024

MATRIX ORIGINAL REPORT ID

Gummy C240131AU

TOTAL CANNABINOIDS

25.03 mg per serving

TO.	TAL	THC

Not Detected

TOTAL CBD

24.01 mg per serving

Cannabinoid Profile	Concentration (mg/g)	Weight (%)
СВС	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-ΤΗС	Not Detected	Not Detected
Total CBD	6.33	0.63
Total THC	Not Detected	Not Detected
Total Cannabinoids	6.60	0.66



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

Total CBD and total THC are calculated values.

This is not an official Certificate of Analysis

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. 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.

(802) 540-0148 laboratory@biadiagnostics.com