

Certificate of Analysis

Company: Tir Na Nog Edibles LLC

Sample ID: GeeBees Cranberry Orange Gummy

PO Box 1154 Mad River Green

Lot: MANU0023-36

Report Date: 12/4/2023

Waitsfield, VT 05673

Matrix: Gummy

Date Analyzed: 12/1/2023

Customer ID: 221206-0

Date Sampled: N/A

Analyst: 011

Grower License #: MANU0023

Date Received: 11/13/2023

Report ID: C231113AJ

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	0.17	0.02
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	1.78	0.18
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	<LOQ	<LOQ
Total THC		1.78	0.18
Total CBD		<LOQ	<LOQ
Total Cannabinoids		1.95	0.19

0.18%
Total THC

<LOQ
Total CBD

0.19%
Total Cannabinoids

0.18%
Δ9-THC

2.784g
Sample Weight

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

GeeBees Cranberry Orange Gummy

Prepared for Tir Na Nog Edibles LLC

MANUFACTURER INFO

Tir Na Nog Edibles LLC

LOT NUMBER

MANU0023-36

SERVING SIZE

2.784g

MATRIX

Gummy

DATE RECEIVED

11/13/2023

DATE ANALYZED

12/1/2023

REPORT DATE

12/4/2023

ORIGINAL REPORT ID

C231113AJ

TOTAL CANNABINOIDS

5.42 mg
per serving

Cannabinoid Profile	Concentration (mg/g)	Weight (%)
CBC	Not Detected	Not Detected
CBD	Not Detected	Not Detected
CBDA	Not Detected	Not Detected
CBDV	Not Detected	Not Detected
CBDVA	Not Detected	Not Detected
CBG	0.17	0.02
CBGA	Not Detected	Not Detected
CBN	Not Detected	Not Detected
THC-A	Not Detected	Not Detected
THCV	Not Detected	Not Detected
Δ 8-THC	Not Detected	Not Detected
Δ 9-THC	1.78	0.18
Total CBD	Not Detected	Not Detected
Total THC	1.78	0.18
Total Cannabinoids	1.95	0.19

TOTAL THC

 4.96 mg
per serving

TOTAL CBD

Not Detected



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