



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< 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	0.17	0.02	
CBD	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
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	1.78	0.18	
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		1.78	0.18	
Total CBD		<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
Total Cannabinoids		1.95	0.19	

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) + Δ 9-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. $\Delta 9\text{-THC MU} = \pm 0.005\%$ 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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0.18%

Total THC

<LOQ

Total CBD

0.19%

Total Cannabinoids 0.18%

Δ9-ΤΗС

2.784g

Sample Weight

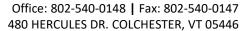
N/A

THC : CBD Ratio



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 DATE RECEIVED

Tir Na Nog Edibles LLC 11/13/2023

LOT NUMBER DATE ANALYZED

MANU0023-36 12/1/2023

SERVING SIZE REPORT DATE

2.784g 12/4/2023

MATRIX ORIGINAL REPORT ID

Gummy C231113AJ

TOTAL CANNABINOIDS

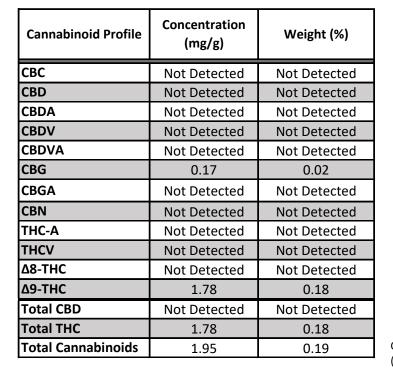
5.42 mg per serving

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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.

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.

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