

## Certificate of Analysis

**Company:** Tir Na Nog Edibles LLC

PO Box 858

Waitsfield, VT 05673

**Customer ID:** 221206-0

**Grower License #:** MANU0023

**Sample ID:** Clover Hill Lemon Thyme Gummies Beginning

**Lot:** MANU0023-52

**Matrix:** Gummy

**Date Sampled:** N/A

**Date Received:** 4/22/2024

**Report Date:** 4/29/2024

**Date Analyzed:** 4/26/2024

**Analyst:** 057

**Report ID:** C240422BX

### 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	<LOQ	<LOQ
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	1.81	0.18
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	<LOQ	<LOQ
<b>Total THC</b>		<b>1.81</b>	<b>0.18</b>
<b>Total CBD</b>		<b>&lt;LOQ</b>	<b>&lt;LOQ</b>
<b>Total Cannabinoids</b>		<b>1.81</b>	<b>0.18</b>

0.18%

**Total THC**

<LOQ

**Total CBD**

0.18%

**Total Cannabinoids**

0.18%

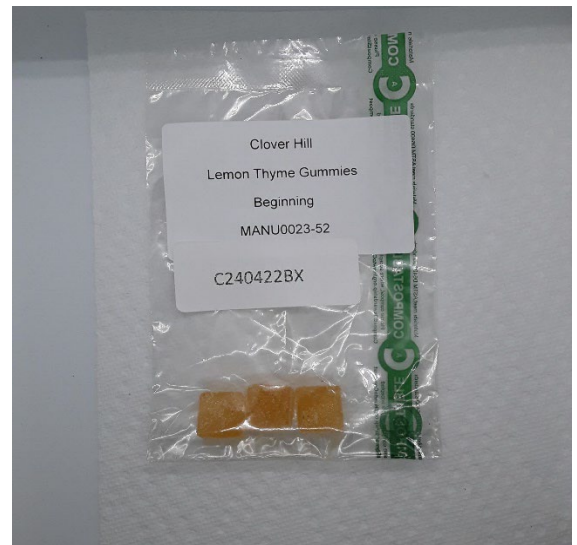
**Δ9-THC**

2.780g

**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

# Clover Hill Lemon Thyme Gummies Beginning

Prepared for Tir Na Nog Edibles LLC

**MANUFACTURER INFO**

Tir Na Nog Edibles LLC

LOT NUMBER

MANU0023-52

SERVING SIZE

2.780g

MATRIX

Gummy

**DATE RECEIVED**

4/22/2024

DATE ANALYZED

4/26/2024

REPORT DATE

4/29/2024

ORIGINAL REPORT ID

C240422BX

### TOTAL CANNABINOIDS

5.02 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	Not Detected	Not Detected
CBGA	Not Detected	Not Detected
CBN	Not Detected	Not Detected
THC-A	Not Detected	Not Detected
THCV	Not Detected	Not Detected
$\Delta$ 8-THC	Not Detected	Not Detected
$\Delta$ 9-THC	1.81	0.18
<b>Total CBD</b>	Not Detected	Not Detected
<b>Total THC</b>	1.81	0.18
<b>Total Cannabinoids</b>	1.81	0.18

**TOTAL THC**

 5.02 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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## Certificate of Analysis

**Company:** Tir Na Nog Edibles LLC

PO Box 858

Waitsfield, VT 05673

**Customer ID:** 221206-0

**Grower License #:** MANU0023

**Sample ID:** Clover Hill Lemon Thyme Gummies End

**Lot:** MANU0023-52

**Matrix:** Gummy

**Date Sampled:** N/A

**Date Received:** 4/22/2024

**Report Date:** 4/29/2024

**Date Analyzed:** 4/26/2024

**Analyst:** 057

**Report ID:** C240422BZ

### 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	<LOQ	<LOQ
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	1.75	0.17
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	<LOQ	<LOQ
<b>Total THC</b>		<b>1.75</b>	<b>0.17</b>
<b>Total CBD</b>		<b>&lt;LOQ</b>	<b>&lt;LOQ</b>
<b>Total Cannabinoids</b>		<b>1.75</b>	<b>0.17</b>

0.17%  
**Total THC**

<LOQ  
**Total CBD**

0.17%  
**Total Cannabinoids**

0.17%  
**Δ9-THC**

2.739g  
**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.

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

## Summary of Results

# Clover Hill Lemon Thyme Gummies End

Prepared for Tir Na Nog Edibles LLC

**MANUFACTURER INFO**

Tir Na Nog Edibles LLC

LOT NUMBER

MANU0023-52

SERVING SIZE

2.739g

MATRIX

Gummy

**DATE RECEIVED**

4/22/2024

DATE ANALYZED

4/26/2024

REPORT DATE

4/29/2024

ORIGINAL REPORT ID

C240422BZ

### TOTAL CANNABINOIDS

4.78 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	Not Detected	Not Detected
CBGA	Not Detected	Not Detected
CBN	Not Detected	Not Detected
THC-A	Not Detected	Not Detected
THCV	Not Detected	Not Detected
$\Delta$ 8-THC	Not Detected	Not Detected
$\Delta$ 9-THC	1.75	0.17
<b>Total CBD</b>	Not Detected	Not Detected
<b>Total THC</b>	1.75	0.17
<b>Total Cannabinoids</b>	1.75	0.17

**TOTAL THC**

 4.78 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.

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**Company:** Tir Na Nog Edibles LLC

PO Box 858

Waitsfield, VT 05673

**Customer ID:** 221206-0

**Grower License #:** MANU0023

**Sample ID:** Clover Hill Lemon Thyme Gummies Middle

**Lot:** MANU0023-52

**Matrix:** Gummy

**Date Sampled:** N/A

**Date Received:** 4/22/2024

**Report Date:** 4/29/2024

**Date Analyzed:** 4/26/2024

**Analyst:** 057

**Report ID:** C240422BY

### 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	<LOQ	<LOQ
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
<b>Total THC</b>		<b>1.78</b>	<b>0.18</b>
<b>Total CBD</b>		<b>&lt;LOQ</b>	<b>&lt;LOQ</b>
<b>Total Cannabinoids</b>		<b>1.78</b>	<b>0.18</b>

0.18%

**Total THC**

<LOQ

**Total CBD**

0.18%

**Total Cannabinoids**

0.18%

**Δ9-THC**

2.824g

**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

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 Δ9-THC MU = ±0.005%      Total THC MU = ±0.007%

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## Summary of Results

# Clover Hill Lemon Thyme Gummies Middle

Prepared for Tir Na Nog Edibles LLC

**MANUFACTURER INFO**

Tir Na Nog Edibles LLC

LOT NUMBER

MANU0023-52

SERVING SIZE

2.824g

MATRIX

Gummy

**DATE RECEIVED**

4/22/2024

**DATE ANALYZED**

4/26/2024

**REPORT DATE**

4/29/2024

**ORIGINAL REPORT ID**

C240422BY

### TOTAL CANNABINOIDS

5.01 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	Not Detected	Not Detected
CBGA	Not Detected	Not Detected
CBN	Not Detected	Not Detected
THC-A	Not Detected	Not Detected
THCV	Not Detected	Not Detected
$\Delta$ 8-THC	Not Detected	Not Detected
$\Delta$ 9-THC	1.78	0.18
<b>Total CBD</b>	Not Detected	Not Detected
<b>Total THC</b>	1.78	0.18
<b>Total Cannabinoids</b>	1.78	0.18

**TOTAL THC**

 5.01 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.

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