

## Clover Hill BB Muffin Tincture Beginning

 Sample ID: BIA250207S0004  
 Strain: BB Muffin

 Produced:  
 Collected:  
 Received: 02/07/2025  
 Completed: 02/13/2025  
 Batch#:

 Client  
**Tir Na nOg Edibles LLC**  
 Lic. # MANU0023  
 PO Box 858  
 Waitsfield, VT 05673

 Matrix: Ingestible  
 Type: Tincture  
 Sample Size: 1 units  
 Lot#: MANU0023-98


### Summary

| Test         | Date Tested | Result   |
|--------------|-------------|----------|
| Sample       |             | Complete |
| Cannabinoids | 02/11/2025  | Complete |

Cannabinoids

0.25ml serving; Density - 0.947g/mL

Completed

|                                     |                        |  |
|-------------------------------------|------------------------|--|
| <b>5.55 mg/serving</b><br>Total THC | <b>ND</b><br>Total CBD | <b>5.84 mg/serving</b><br>Total Cannabinoids |
|-------------------------------------|------------------------|--|

| Analyte          | LOQ    | Results     | Results      | Mass        | Mass         |
|------------------|--------|-------------|--------------|-------------|--------------|
|                  | %      | %           | mg/g         | mg/serving  | mg/container |
| CBDVa            | 0.0001 | <LOQ        | <LOQ         | <LOQ        |              |
| CBDV             | 0.0001 | <LOQ        | <LOQ         | <LOQ        |              |
| CBDa             | 0.0001 | <LOQ        | <LOQ         | <LOQ        |              |
| CBGa             | 0.0001 | <LOQ        | <LOQ         | <LOQ        |              |
| CBG              | 0.0002 | 0.04        | 0.4          | 0.10        |              |
| CBD              | 0.0002 | <LOQ        | <LOQ         | <LOQ        |              |
| THCV             | 0.0002 | 0.01        | 0.1          | 0.02        |              |
| CBN              | 0.0001 | 0.02        | 0.2          | 0.05        |              |
| Δ9-THC           | 0.0002 | 2.25        | 22.5         | 5.33        |              |
| Δ8-THC           | 0.0002 | <LOQ        | <LOQ         | <LOQ        |              |
| Δ10-THC          | 0.0000 | <LOQ        | <LOQ         | <LOQ        |              |
| CBC              | 0.0002 | 0.03        | 0.3          | 0.08        |              |
| THCa             | 0.0003 | 0.10        | 1.0          | 0.24        |              |
| <b>Total THC</b> |        | <b>2.34</b> | <b>23.43</b> | <b>5.55</b> |              |
| <b>Total CBD</b> |        | <b>ND</b>   | <b>ND</b>    | <b>ND</b>   | <b>ND</b>    |
| <b>Total</b>     |        | <b>2.47</b> | <b>24.66</b> | <b>5.84</b> | <b>0.00</b>  |

Analyst: 056

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:

 $Total\ THC = (THCA \times 0.877) + \Delta 9\text{-THC}$ 
 $Total\ CBD = (CBDA \times 0.877) + CBD\ Reagent$ 

Blanks: &lt; 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 (&lt;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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




 Luke Emerson-Mason  
 Laboratory Director  
 02/13/2025

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 (866) 506-5866  
[www.confidentlims.com](http://www.confidentlims.com)


## Clover Hill BB Muffin Tincture Middle

 Sample ID: BIA25020750005  
 Strain: BB Muffin

 Produced:  
 Collected:  
 Received: 02/07/2025  
 Completed: 02/13/2025  
 Batch#:

 Client  
**Tir Na nOg Edibles LLC**  
 Lic. # MANU0023  
 PO Box 858  
 Waitsfield, VT 05673

 Matrix: Ingestible  
 Type: Tincture  
 Sample Size: 1 units  
 Lot#: MANU0023-98


### Summary

| Test         | Date Tested | Result   |
|--------------|-------------|----------|
| Sample       |             | Complete |
| Cannabinoids | 02/11/2025  | Complete |

Cannabinoids

0.25ml serving; Density - 0.9185g/mL

Completed

|                                     |                        |  |
|-------------------------------------|------------------------|--|
| <b>5.20 mg/serving</b><br>Total THC | <b>ND</b><br>Total CBD | <b>5.44 mg/serving</b><br>Total Cannabinoids |
|-------------------------------------|------------------------|--|

| Analyte          | LOQ    | Results     | Results      | Mass        | Mass         |
|------------------|--------|-------------|--------------|-------------|--------------|
|                  | %      | %           | mg/g         | mg/serving  | mg/container |
| CBDVa            | 0.0001 | <LOQ        | <LOQ         | <LOQ        |              |
| CBDV             | 0.0001 | <LOQ        | <LOQ         | <LOQ        |              |
| CBDa             | 0.0001 | <LOQ        | <LOQ         | <LOQ        |              |
| CBGa             | 0.0001 | <LOQ        | <LOQ         | <LOQ        |              |
| CBG              | 0.0002 | 0.04        | 0.4          | 0.10        |              |
| CBD              | 0.0002 | <LOQ        | <LOQ         | <LOQ        |              |
| THCV             | 0.0002 | <LOQ        | <LOQ         | <LOQ        |              |
| CBN              | 0.0001 | 0.02        | 0.2          | 0.05        |              |
| Δ9-THC           | 0.0002 | 2.18        | 21.8         | 5.01        |              |
| Δ8-THC           | 0.0002 | <LOQ        | <LOQ         | <LOQ        |              |
| Δ10-THC          | 0.0000 | <LOQ        | <LOQ         | <LOQ        |              |
| CBC              | 0.0002 | 0.03        | 0.3          | 0.07        |              |
| THCa             | 0.0003 | 0.09        | 0.9          | 0.21        |              |
| <b>Total THC</b> |        | <b>2.26</b> | <b>22.64</b> | <b>5.20</b> |              |
| <b>Total CBD</b> |        | <b>ND</b>   | <b>ND</b>    | <b>ND</b>   |              |
| <b>Total</b>     |        | <b>2.37</b> | <b>23.71</b> | <b>5.44</b> | <b>0.00</b>  |

Analyst: 056

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:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

Blanks: &lt; 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 (&lt;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%

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## Clover Hill BB Muffin Tincture end

 Sample ID: BIA25020750006  
 Strain: BB Muffin

 Produced:  
 Collected:  
 Received: 02/07/2025  
 Completed: 02/13/2025  
 Batch#:

 Client  
**Tir Na nOg Edibles LLC**  
 Lic. # MANU0023  
 PO Box 858  
 Waitsfield, VT 05673

 Matrix: Ingestible  
 Type: Tincture  
 Sample Size: 1 units  
 Lot#: MANU0023-98


### Summary

| Test         | Date Tested | Result   |
|--------------|-------------|----------|
| Sample       |             | Complete |
| Cannabinoids | 02/11/2025  | Complete |

Cannabinoids

0.25ml serving; Density - 0.943g/mL

Completed

|                                     |                                     |  |
|-------------------------------------|-------------------------------------|--|
| <b>5.62 mg/serving</b><br>Total THC | <b>0.03 mg/serving</b><br>Total CBD | <b>5.96 mg/serving</b><br>Total Cannabinoids |
|-------------------------------------|-------------------------------------|--|

| Analyte          | LOQ    | Results     | Results      | Mass        | Mass         |
|------------------|--------|-------------|--------------|-------------|--------------|
|                  | %      | %           | mg/g         | mg/serving  | mg/container |
| CBDVa            | 0.0001 | <LOQ        | <LOQ         | <LOQ        |              |
| CBDV             | 0.0001 | <LOQ        | <LOQ         | <LOQ        |              |
| CBDa             | 0.0001 | <LOQ        | <LOQ         | <LOQ        |              |
| CBGa             | 0.0001 | <LOQ        | <LOQ         | <LOQ        |              |
| CBG              | 0.0002 | 0.05        | 0.5          | 0.12        |              |
| CBD              | 0.0002 | 0.01        | 0.1          | 0.03        |              |
| THCV             | 0.0002 | 0.01        | 0.1          | 0.03        |              |
| CBN              | 0.0001 | 0.02        | 0.2          | 0.05        |              |
| Δ9-THC           | 0.0002 | 2.29        | 22.9         | 5.40        |              |
| Δ8-THC           | 0.0002 | <LOQ        | <LOQ         | <LOQ        |              |
| Δ10-THC          | 0.0000 | <LOQ        | <LOQ         | <LOQ        |              |
| CBC              | 0.0002 | 0.03        | 0.3          | 0.08        |              |
| THCa             | 0.0003 | 0.11        | 1.1          | 0.25        |              |
| <b>Total THC</b> |        | <b>2.38</b> | <b>23.83</b> | <b>5.62</b> |              |
| <b>Total CBD</b> |        | <b>0.01</b> | <b>0.14</b>  | <b>0.03</b> |              |
| <b>Total</b>     |        | <b>2.53</b> | <b>25.30</b> | <b>5.96</b> | <b>0.00</b>  |

Analyst: 056

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 $Total\ CBD = (CBDA \times 0.877) + CBD\ Reagent$ 

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