



Certificate ID: **138485**

Received: **6/24/26**

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for authenticity

**Ridge Hemp**

Client Sample ID: **202175**

**15 Main Street**

Lot Number: **202175**

**Littleton, NH 03561**

Matrix: **Tincture/Infused Oil-MCT Oil**



|                            |                                                                                    |           |
|----------------------------|------------------------------------------------------------------------------------|-----------|
| Authorization:             | Signature:                                                                         | Date:     |
| Andrew Aubin, Lab Director |  | 6/30/2026 |



The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

## CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: **KEM**

Test Date: **6/29/2026**

This sample was analyzed using Liquid Chromatography coupled with Photo Diode Array detection (LC-PDA). The collected data was compared to data collected for a reference standards at a known concentrations.

### 138485-CN

| ID               | Weight %       | Concentration (mg/mL) |                                                                                       |
|------------------|----------------|-----------------------|---------------------------------------------------------------------------------------|
| <b>Δ9-THC</b>    | <b>0.285</b>   | <b>2.65</b>           |  |
| <b>THCV</b>      | <b>ND</b>      | <b>ND</b>             |                                                                                       |
| <b>CBD</b>       | <b>7.06</b>    | <b>65.7</b>           |  |
| <b>CBDV</b>      | <b>0.0367</b>  | <b>0.342</b>          |                                                                                       |
| <b>CBG</b>       | <b>0.106</b>   | <b>0.987</b>          |  |
| <b>CBC</b>       | <b>0.179</b>   | <b>1.67</b>           |  |
| <b>CBN</b>       | <b>2.20</b>    | <b>20.5</b>           |  |
| <b>THCA</b>      | <b>ND</b>      | <b>ND</b>             |                                                                                       |
| <b>CBDA</b>      | <b>ND</b>      | <b>ND</b>             |                                                                                       |
| <b>CBGA</b>      | <b>ND</b>      | <b>ND</b>             |                                                                                       |
| <b>CBDVA</b>     | <b>ND</b>      | <b>ND</b>             |                                                                                       |
| <b>Δ8-THC</b>    | <b>&lt;LOQ</b> | <b>&lt;LOQ</b>        |                                                                                       |
| <b>exo-THC</b>   | <b>ND</b>      | <b>ND</b>             |                                                                                       |
| <b>Total</b>     | <b>9.87</b>    | <b>91.8</b>           | <b>0%</b>                                                                             |
| <b>Total THC</b> | <b>0.285</b>   | <b>2.65</b>           | <b>Cannabinoids (wt%) 7.06%</b>                                                       |
| <b>Total CBD</b> | <b>7.06</b>    | <b>65.7</b>           | <b>Limit of Quantitation (LOQ) = 0.0113 wt%</b>                                       |
|                  |                |                       | <b>Limit of Detection (LOD) = 0.00376 wt%</b>                                         |

### Ratio of Total CBD to THC 24.8:1

Total THC (and Total CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Total THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND=None detected above the limits of detection (LOD), which is one third of Limit of Quantification (LOQ). For values reported as "<LOQ", the estimated value is included in the calculated Total.

**TP: Terpenes Profile [WI-10-37]**

Analyst: AJA

Test Date: 6/25/2026

This sample was analyzed for Terpene content using Gas Chromatography coupled with Flame Ionization detection (GC-FID).

**138485-TP**

| Compound            | CAS        | Conc. (wt%) | Conc. (ppm) | Qualitative Profile |                |
|---------------------|------------|-------------|-------------|---------------------|----------------|
| alpha-pinene        | 80-56-8    | 0.0837      | 837         |                     |                |
| camphene            | 79-92-5    | 0.00204     | 20.4        |                     |                |
| sabinene            | 3387-41-5  | 0.00236     | 23.6        |                     |                |
| beta-pinene         | 127-91-3   | 0.0315      | 315         |                     |                |
| beta-myrcene        | 123-35-3   | 0.101       | 1,010       |                     |                |
| alpha-phellandrene  | 99-83-2    | 0.00893     | 89.3        |                     |                |
| delta-3-carene      | 13466-78-9 | ND          | ND          |                     |                |
| alpha-terpinene     | 99-86-5    | ND          | ND          |                     |                |
| p-cymene            | 99-87-6    | ND          | ND          |                     |                |
| D-limonene          | 5989-27-5  | 0.0698      | 698         |                     |                |
| eucalyptol          | 470-82-6   | 0.00408     | 40.8        |                     |                |
| alpha-ocimene       | 502-99-8   | ND          | ND          |                     |                |
| beta-ocimene        | 13877-91-3 | ND          | ND          |                     |                |
| gamma-terpinene     | 99-85-4    | ND          | ND          |                     |                |
| L-fenchone          | 7787-20-4  | ND          | ND          |                     |                |
| terpinolene         | 586-62-9   | ND          | ND          |                     |                |
| linalool            | 78-70-6    | 0.265       | 2,650       |                     |                |
| isopulegol          | 89-79-2    | ND          | ND          |                     |                |
| menthol             | 89-78-1    | ND          | ND          |                     |                |
| geraniol            | 106-24-1   | ND          | ND          |                     |                |
| beta-caryophyllene  | 87-44-5    | 0.143       | 1,430       |                     |                |
| alpha-humulene      | 6753-98-6  | 0.0209      | 209         |                     |                |
| cis-nerolidol       | 3790-78-1  | ND          | ND          |                     |                |
| trans-nerolidol     | 40716-66-3 | ND          | ND          |                     |                |
| caryophyllene oxide | 1139-30-6  | 0.0233      | 233         |                     |                |
| guaiol              | 489-86-1   | 0.00363     | 36.3        |                     |                |
| alpha-bisabolol     | 23089-26-1 | 0.0154      | 154         |                     |                |
|                     |            |             |             | wt%                 | 0.00 0.25 0.50 |

Total Terpene: 0.8 wt%

\* Certified reference standard not available for this compound. Concentration is estimated using the response factor from alpha-pinene. ND = None Detected. RL = Reporting Limit of 5 ppm.

**END OF REPORT**