

## Lukas Crack

Sample ID: BIA25102750848  
 Strain: CLTV0064-25-001  
 Harvest Lot:  
 Matrix: Plant  
 Type: Flower - Cured  
 Sample Size: 4.2 g  
 Lot#:

Produced:  
 Collected:  
 Received: 10/27/2025  
 Completed: 10/31/2025  
 Batch#:

Client  
**Lukas Greene**  
 Lic. #  
 10 Main Street Unit 958  
 Middlebury, VT 05753



### Summary

| Test           | Date Tested | Result              |
|----------------|-------------|---------------------|
| Sample         |             | Complete            |
| Cannabinoids   | 10/28/2025  | Complete            |
| Moisture       | 10/27/2025  | 6.10% - Complete    |
| Water Activity | 10/27/2025  | 0.147 aw - Complete |
| Microbials     | 10/31/2025  | Complete            |

### Cannabinoids

Completed

| 24.95%<br>Total THC |        |         |         |            | 0.09%<br>Total CBD |        |              |               |             | 30.87%<br>Total Cannabinoids |      |         |         |            |
|---------------------|--------|---------|---------|------------|--------------------|--------|--------------|---------------|-------------|------------------------------|------|---------|---------|------------|
| Analyte             | LOQ    | Results | Results | Mass       | Analyte            | LOQ    | Results      | Results       | Mass        | Analyte                      | LOQ  | Results | Results | Mass       |
|                     | mg/g   | %       | mg/g    | mg/serving |                    | mg/g   | %            | mg/g          | mg/serving  |                              | mg/g | %       | mg/g    | mg/serving |
| CBDVa               | 0.0003 | <LOQ    | <LOQ    |            | CBCVa              | 0.0003 | <LOQ         | <LOQ          |             |                              |      |         |         |            |
| CBDV                | 0.0003 | <LOQ    | <LOQ    |            | CBNa               | 0.0003 | <LOQ         | <LOQ          |             |                              |      |         |         |            |
| CBDa                | 0.0005 | 0.10    | 1.0     |            | Δ9-THC             | 0.0005 | 0.14         | 1.4           |             |                              |      |         |         |            |
| CBGa                | 0.0005 | 1.26    | 12.6    |            | Δ8-THC             | 0.0003 | 0.04         | 0.4           |             |                              |      |         |         |            |
| CBG                 | 0.0005 | 0.16    | 1.6     |            | Δ10-THC*           | 0.0002 | 0.22         | 2.2           |             |                              |      |         |         |            |
| CBD                 | 0.0005 | <LOQ    | <LOQ    |            | CBL                | 0.0005 | <LOQ         | <LOQ          |             |                              |      |         |         |            |
| THCV                | 0.0003 | 0.07    | 0.7     |            | CBC                | 0.0003 | <LOQ         | <LOQ          |             |                              |      |         |         |            |
| CBLV                | 0.0003 | <LOQ    | <LOQ    |            | THCa               | 0.0005 | 28.29        | 282.9         |             |                              |      |         |         |            |
| CBV                 | 0.0003 | <LOQ    | <LOQ    |            | CBCa               | 0.0006 | 0.34         | 3.4           |             |                              |      |         |         |            |
| THCVa               | 0.0003 | 0.25    | 2.5     |            | CBLa               | 0.0005 | <LOQ         | <LOQ          |             |                              |      |         |         |            |
| CBN                 | 0.0005 | <LOQ    | <LOQ    |            | <b>Total THC</b>   |        | <b>24.95</b> | <b>249.49</b> |             |                              |      |         |         |            |
|                     |        |         |         |            | <b>Total CBD</b>   |        | <b>0.09</b>  | <b>0.86</b>   |             |                              |      |         |         |            |
|                     |        |         |         |            | <b>Total</b>       |        | <b>30.87</b> | <b>308.65</b> | <b>0.00</b> |                              |      |         |         |            |

Analyst: 056

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with PhotoDiode 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%

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.

\*The result is the sum of delta-10 isomers.




Luke Emerson-Mason  
 Laboratory Director  
 10/31/2025

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## Pathogens

Completed

| Pathogens           | LOD   | Results      |
|---------------------|-------|--------------|
|                     | CFU/g | CFU/g        |
| Aspergillus         | 5     | Not Detected |
| Shiga Toxin E. Coli | 5     | Not Detected |
| Salmonella SPP      | 5     | Not Detected |

Analyst: 049

Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes



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## LC, FO, LS, HK, SG

Sample ID: BIA25102750853  
Strain: CLTV0064-25-001  
Harvest Lot:  
Matrix: Plant  
Type: Flower - Cured  
Sample Size:  
Lot#:

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### Summary

| Test       | Date Tested | Result     |
|------------|-------------|------------|
| Sample     |             | Complete   |
| Moisture   | 10/27/2025  | Not Tested |
| Pesticides | 10/30/2025  | Complete   |



*Luke Emerson-Mason*

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Laboratory Director  
10/31/2025

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## Pesticides

Completed

| Category 1 Pesticides | LOD     | LOQ    | Results |
|-----------------------|---------|--------|---------|
|                       | PPM     | PPM    | PPM     |
| Chlorpyrifos          | 0.0003  | 0.0010 | ND      |
| Imazalil              | 0.0003  | 0.0010 | ND      |
| Category 2 Pesticides | LOD     | LOQ    | Results |
|                       | PPM     | PPM    | PPM     |
| Abamectin             | 0.0003  | 0.0010 | ND      |
| Acephate              | 0.001   | 0.0050 | ND      |
| Acequinocyl           | 0.0003  | 0.0010 | ND      |
| Azoxystrobin          | 0.00005 | 0.0010 | ND      |
| Bifenazate            | 0.0001  | 0.0010 | ND      |
| Bifenthrin            | 0.0001  | 0.0010 | ND      |
| Carbaryl              | 0.0001  | 0.0010 | ND      |
| Cypermethrin          | 0.001   | 0.0050 | ND      |
| Etoxazole             | 0.0001  | 0.0010 | ND      |
| Imidacloprid          | 0.00005 | 0.0010 | ND      |
| Myclobutanil          | 0.0001  | 0.0010 | ND      |
| Pyrethrins            | 0.001   | 0.0050 | ND      |
| Spinosyn A            | 0.0001  | 0.0010 | ND      |
| Spinosyn D            | 0.0003  | 0.0010 | ND      |

Analyst: 056

Pesticides Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

LOQ = The lowest quantity this method can reliably quantify. Any pesticides or mycotoxins that were not quantifiable are less than the stated LOQ (<LOQ).

ppm = parts per million

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

ND = Not Detected (<LOD)




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