



**Report To:** Lume Cannabis Company  
**Address:** 9741 South Industrial Park Dr.  
Ewart, MI, 49631, USA  
**Customer License No.:** AU-G-C-000108  
**Report Date:** 07/12/2021

**Customer Unique ID:** Blueberry Crumble Kief  
**Source METRC ID:** 1A4050300005720000004564  
**Sample METRC ID:** 1A4050300005720000004561  
**Date Sample Collected/Received:** 07/06/2021  
**Date Testing Completed:** 07/12/2021  
**Overall Result:** **PASS**

## Certificate of Analysis for Sample No. BC-21-CS-18209 v1

Date Authorized: 7/12/2021

Total Number of Pages: 3



This report is issued under the authority of:

**Michele A. Glinn, PhD**

Chief Science Officer

This report shall not be reproduced except in full without the written approval of the laboratory.

The results relate only the sample(s) as collected and / or received by the laboratory.

Additional information regarding the test methods used by the laboratory is available upon request.

Action limits listed are those for only cannabis and cannabis derived products as determined by the State of Michigan.

Ph: (833) 847-4347 Email: [AnalyticalServices@viridisgrp.com](mailto:AnalyticalServices@viridisgrp.com), Website: [viridis-labs.com](http://viridis-labs.com)



Patient Focused  
Certification

Viridis Laboratories (Lansing) and Viridis North (Bay City) are both ISO 17025: 2017 accredited.



**Sample No.:** BC-21-CS-18209  
**Sample Matrix:** Kief  
**Sample METRC ID:** 1A4050300005720000004561  
**Customer Unique ID:** Blueberry Crumble Kief  
**Date Sample Collected/Received:** 07/06/2021  
**Date Testing Completed:** 07/12/2021



| Test Menu                          | Percent | Level Detected | Units | Completed | Lab |
|------------------------------------|---------|----------------|-------|-----------|-----|
| <b>Cannabinoids/Potency</b>        |         |                |       | 7/9/2021  | BC  |
| <b>Total THC</b>                   | 62.789% | 627.887        | mg/g  |           |     |
| <b>Total CBD</b>                   | 0.174%  | 1.738          | mg/g  |           |     |
| <b>Total Cannabinoids</b>          | 71.625% | 716.249        | mg/g  |           |     |
| Cannabidiol (CBD)                  | 0.000%  | 0.000          | mg/g  |           |     |
| Cannabidiolic Acid (CBDA)          | 0.198%  | 1.982          | mg/g  |           |     |
| Cannabinol (CBN)                   | 0.000%  | 0.000          | mg/g  |           |     |
| Delta 9-Tetrahydrocannabinol (THC) | 1.199%  | 11.992         | mg/g  |           |     |
| Tetrahydrocannabinolic Acid (THCA) | 70.228% | 702.275        | mg/g  |           |     |
| <b>*Terpenes</b>                   |         |                |       | 7/8/2021  | BC  |
| <b>Total Terpenes</b>              | 2.262%  | 22.624         | mg/g  |           |     |
| (-)-Isopulegol                     | 0.000%  | 0.000          | mg/g  |           |     |
| 3-Carene                           | 0.000%  | 0.000          | mg/g  |           |     |
| α-Pinene                           | 0.080%  | 0.795          | mg/g  |           |     |
| Caryophyllene                      | 0.136%  | 1.357          | mg/g  |           |     |
| D-Limonene                         | 0.764%  | 7.637          | mg/g  |           |     |
| Eucalyptol                         | 0.000%  | 0.000          | mg/g  |           |     |
| Geraniol                           | 0.000%  | 0.000          | mg/g  |           |     |
| Humulene                           | 0.038%  | 0.376          | mg/g  |           |     |
| Linalool                           | 0.235%  | 2.353          | mg/g  |           |     |
| cis-Ocimene                        | 0.000%  | 0.000          | mg/g  |           |     |
| Ocimene 2                          | 0.000%  | 0.000          | mg/g  |           |     |
| p-Cymene                           | 0.000%  | 0.000          | mg/g  |           |     |
| β-Myrcene                          | 0.872%  | 8.717          | mg/g  |           |     |
| β-Pinene                           | 0.121%  | 1.212          | mg/g  |           |     |
| Terpinolene                        | 0.018%  | 0.177          | mg/g  |           |     |

| Test Menu               | Result | Level Detected | Action Limit | Units | Completed | Lab |
|-------------------------|--------|----------------|--------------|-------|-----------|-----|
| <b>Moisture Content</b> |        |                |              |       | 7/7/2021  | BC  |
| Moisture Content        | TESTED | 11.470         | N/A          | %     |           |     |
| <b>Water Activity</b>   |        |                |              |       | 7/7/2021  | BC  |
| Water activity          | PASS   | 0.541          | 0.650        | Aw    |           |     |



**Sample No.:** BC-21-CS-18209  
**Sample Matrix:** Kief  
**Sample METRC ID:** 1A4050300005720000004561  
**Customer Unique ID:** Blueberry Crumble Kief  
**Date Sample Collected/Received:** 07/06/2021  
**Date Testing Completed:** 07/12/2021



| Test Menu               | Result | Level Detected | Action Limit | Units | Completed | Lab |
|-------------------------|--------|----------------|--------------|-------|-----------|-----|
| <b>Microbial</b>        |        |                |              |       | 7/12/2021 | BC  |
| STEC E. Coli            | PASS   | Not Detected   | Detected     |       |           |     |
| Salmonella spp.         | PASS   | Not Detected   | Detected     |       |           |     |
| Aspergillus spp.        | PASS   | Not Detected   | Detected     |       |           |     |
| Total Yeast & Mold      | PASS   | 0              | 100000       | CFU/g |           |     |
| Total Coliform Bacteria | PASS   | 0              | 1000         | CFU/g |           |     |
| <b>Heavy Metal</b>      |        |                |              |       | 7/9/2021  | BC  |
| Arsenic                 | PASS   | 0.001          | 0.400        | ppm   |           |     |
| Cadmium                 | PASS   | 0.001          | 0.400        | ppm   |           |     |
| Mercury                 | PASS   | 0.000          | 0.200        | ppm   |           |     |
| Lead                    | PASS   | 0.021          | 1.000        | ppm   |           |     |
| Chromium                | PASS   | 1.129          | 1.200        | ppm   |           |     |
| Nickel                  | PASS   | 0.207          | 1.000        | ppm   |           |     |

| Test Menu                        | Result | Level Detected  | Completed | Lab |
|----------------------------------|--------|---|-----------|-----|
| <b>Foreign Matter Inspection</b> | PASS   | Less than 5 percent stems present and less than 2 percent foreign matter with no inorganic material observed. | 7/7/2021  | BC  |

| Test Menu  | Result | Level Detected | Action Limit | Units | Completed | Lab |
|--|--------|----------------|--------------|-------|-----------|-----|
| <b>Chemical Residue</b>  | PASS   |                |              |       | 7/9/2021  | BC  |
| <i>No analytes detected above half of the action limit, as described in the MRA Sampling and Testing Technical Guidance for Marijuana Products</i> |        |                |              |       |           |     |

### Calculations:

Total THC = (THCA\*0.877) + THC  
 Total CBD = (CBDA\*0.877) + CBD  
 Total Cannabinoids = the summation of all cannabinoids analyzed and listed on this report  
 Total Terpenes = the summation of all terpenes analyzed and listed on this report

### Laboratories:

LN: 2827 E. Saginaw st, East Lansing, MI, 48823, USA  
 BC: 1424 Straits Dr, Bay City, MI 48706, USA

### Notes:

\*Terpenes - The analysis is not evaluated by the MRA.

----- **END OF REPORT** -----

*Ensuring Health & Safety Within Michigan's Cannabis Industry.*

