

| 4 · L u                   | 0010101103                                      |  |  |         |              |                           |           |  |
|---------------------------|---|--|--|---------|--------------|---------------------------|-----------|--|
| Certificate of Analysis   |   |  |  |         |              |                           |           |  |
| Company:                  | Company: Cloud 9 Canna Sample ID: Grape Jubilee |  |  |         |              |                           |           |  |
|                           |   | <b>Lot:</b> 9  |  |         |              | Report Date: 12/22/2023   |           |  |
|                           |   | Matrix: Flower   |  |         |              | Date Analyzed: 12/21/2023 |           |  |
| Customer ID: 221129-0     |   | Date Sampled: N/A  |  |         | Analyst: 011 |                           |           |  |
| rower License #: SCLT0203 |   | Date Received: 12/8/2023   |  |         |              | Report ID: C231208BZ      |           |  |
|                           |   | (  | Cannabinoid S  | Summary |              |                           |           |  |
| Cannabinoid<br>Profile    | LOQ (mg/g)                                      | Concentration<br>(mg/g)  | Weight (%)   |         | 15.5%        |                           | 0.04%     |  |
| CBDVA                     | 0.0005  | <loq< td=""><td><loq< td=""><td>1</td><td>Total THC</td><td></td><td>Total CBD</td><td></td></loq<></td></loq<>        | <loq< td=""><td>1</td><td>Total THC</td><td></td><td>Total CBD</td><td></td></loq<>        | 1       | Total THC    |                           | Total CBD |  |
| CBDV                      | 0.0012  | <loq< td=""><td><loq< td=""><td></td><td></td><td>Total THC Total CBD</td><td></td></loq<></td></loq<>                 | <loq< td=""><td></td><td></td><td>Total THC Total CBD</td><td></td></loq<>                 |         |              | Total THC Total CBD       |           |  |
| CBDA                      | 0.0008  | 0.45   | 0.04   |         |              | -                         |           |  |
| CBGA                      | 0.0008  | 5.81   | 0.58   |         |              | -                         |           |  |
| CBG                       | 0.0019  | 0.86   | 0.09   |         | 18.32%       |                           | 0.47%     |  |
| CBD                       | 0.0019  | <loq< td=""><td><loq< td=""><td></td><td>10.5270</td><td></td><td colspan="2">0.47%</td></loq<></td></loq<>            | <loq< td=""><td></td><td>10.5270</td><td></td><td colspan="2">0.47%</td></loq<>            |         | 10.5270      |                           | 0.47%     |  |
| тнсv                      | 0.0021  | <loq< td=""><td><loq< td=""><td></td><td>Total</td><td colspan="2" rowspan="2">∆9-тнс</td><td></td></loq<></td></loq<> | <loq< td=""><td></td><td>Total</td><td colspan="2" rowspan="2">∆9-тнс</td><td></td></loq<> |         | Total        | ∆9-тнс                    |           |  |
| CBN                       | 0.0013  | <loq< td=""><td><loq< td=""><td></td><td>Cannabinoids</td><td></td></loq<></td></loq<>                                 | <loq< td=""><td></td><td>Cannabinoids</td><td></td></loq<>                                 |         | Cannabinoids |                           |           |  |
| Δ9-ТНС                    | 0.0020  | 4.75   | 0.47   |         |              | -                         |           |  |
| Δ8-THC                    | 0.0019  | <loq< td=""><td><loq< td=""><td></td><td></td><td>-</td><td></td><td></td></loq<></td></loq<>                          | <loq< td=""><td></td><td></td><td>-</td><td></td><td></td></loq<>                          |         |              | -                         |           |  |
| THC-A                     | 0.0034  | 171.32   | 17.13  |         | 12 110/      |                           | 1.0       |  |
| СВС                       | 0.0024  | <loq< td=""><td><loq< td=""><td>]</td><td>13.11%</td><td></td><td>1:0</td><td></td></loq<></td></loq<>                 | <loq< td=""><td>]</td><td>13.11%</td><td></td><td>1:0</td><td></td></loq<>                 | ]       | 13.11%       |                           | 1:0       |  |
| Total THC                 |   | 155.00   | 15.50  | 1       | Percent      |                           | THC : CBD |  |
| Total CBD                 |   | 0.39   | 0.04   |         | Moisture     |                           | Ratio     |  |
| Total Cannabi             | Total Cannabinoids                              |  | 18.32  |         |              |                           |           |  |
|                           |   |  |  |         |              |                           |           |  |

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) +  $\Delta$ 9-THC 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.  $\Delta$ 9-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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Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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C231208BZ

(802) 540-0148 laboratory@biadiagnostics.com Certificate Registration Number: CL\_50\_2021\_002



Customer ID: 221129-0

Grower License #: SCLT0203

Company: Cloud 9 Canna

## **Certificate of Analysis**

Sample ID: Grape Jubilee Lot: 9 Matrix: Flower Date Sampled: N/A Date Received: 12/8/2023

Report Date: 12/22/2023 Date Analyzed: 12/18/2023 Analyst: 052 Report ID: C231208BZ

## Water Activity Summary

| Test           | Method   | Result |  |
|----------------|--|--------|--|
| Water Activity | ASTM D8196: Determination of Water Activity in Cannabis Flower | 0.5820 |  |



Test Methodology: Aqualab TDL 2 water activity meter with tunable diode laser

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