

|                            |   | Ce   | ertificate of  | Analysis |              |                             |           |   |
|----------------------------|---|--|--|----------|--------------|-----------------------------|-----------|---|
| Company:                   | Company: High Mountain Homegrown Sample ID: Grease Monkey |  |  |          |              |                             |           |   |
|                            |   |  | Lot: HL-SCLT0037-2-2   |          |              | Report Date: 12/29/2023     |           |   |
|                            |   |  | Matrix: Flower   |          |              | Date Analyzed: 12/27/2023   |           |   |
| Customer ID: 221213-0      |   |  | Date Sampled: N/A  |          | Analyst: 011 |                             |           |   |
| irower License #: SCLT0037 |   |  | Date Received: 12/12/2023  |          |              | Report ID: C231212AO        |           |   |
|                            |   | (  | Cannabinoid S  | Summary  |              |                             |           |   |
| Cannabinoid<br>Profile     | LOQ (mg/g)  | Concentration<br>(mg/g)  | Weight (%)   |          | 21.81%       |                             | 0.09%     |   |
| CBDVA                      | 0.0005  | <loq< td=""><td><loq< td=""><td></td><td>Total THC</td><td>0.09%<br/>Total CBD<br/>0.99%</td></loq<></td></loq<>   | <loq< td=""><td></td><td>Total THC</td><td>0.09%<br/>Total CBD<br/>0.99%</td></loq<>   |          | Total THC    | 0.09%<br>Total CBD<br>0.99% |           |   |
| CBDV                       | 0.0012  | <loq< td=""><td><loq< td=""><td></td><td>Total The</td><td></td><td>Total CDD</td><td></td></loq<></td></loq<>     | <loq< td=""><td></td><td>Total The</td><td></td><td>Total CDD</td><td></td></loq<>     |          | Total The    |                             | Total CDD |   |
| CBDA                       | 0.0008  | 1.03   | 0.10   |          |              | -                           |           | • |
| CBGA                       | 0.0008  | 26.94  | 2.69   |          |              |                             |           |   |
| CBG                        | 0.0019  | 1.41   | 0.14   |          | 27.76%       |                             | 0.99%     |   |
| CBD                        | 0.0019  | <loq< td=""><td><loq< td=""><td></td><td>27.7070</td><td></td><td colspan="2">0.5570</td></loq<></td></loq<>       | <loq< td=""><td></td><td>27.7070</td><td></td><td colspan="2">0.5570</td></loq<>       |          | 27.7070      |                             | 0.5570    |   |
| тнсv                       | 0.0021  | <loq< td=""><td><loq< td=""><td></td><td>Total</td><td></td><td></td><td></td></loq<></td></loq<>                  | <loq< td=""><td></td><td>Total</td><td></td><td></td><td></td></loq<>                  |          | Total        |                             |           |   |
| CBN                        | 0.0013  | <loq< td=""><td><loq< td=""><td></td><td>Cannabinoids</td><td></td><td colspan="2">29-1 FC</td></loq<></td></loq<> | <loq< td=""><td></td><td>Cannabinoids</td><td></td><td colspan="2">29-1 FC</td></loq<> |          | Cannabinoids |                             | 29-1 FC   |   |
| Δ9-ТНС                     | 0.0020  | 9.88   | 0.99   | '        |              | -                           |           |   |
| 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  | 237.45   | 23.75  |          | 12.70%       |                             | 1.0       |   |
| СВС                        | 0.0024  | 0.85   | 0.08   |          |              |                             | 1:0       |   |
| Total THC                  |   | 218.12   | 21.81  | ]        | Percent      |                             | THC : CBD |   |
| Total CBD                  | Total CBD   |  | 0.09   |          | Moisture     |                             | Ratio     |   |
| Total Cannabi              | Total Cannabinoids  |  | 27.76  |          |              |                             |           | • |
|                            |   |  |  |          |              |                             |           |   |

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 assumeddecarboxylation from the acid form (THCA or CBDA) to the neutral form, causingweight loss of the acid group. These values are calculated as follows:Total THC = (THCA x 0.877) +  $\Delta$ 9-THCTotal CBD = (CBDA x 0.877) + CBDRatio of Total CBD: Total THCReagent Blanks: < LOQs for all analytes</td>

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.

 $\label{eq:measurement} \begin{array}{ll} \mbox{Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. \\ \mbox{$\Delta 9$-THC MU = $\pm 0.005\%$} Total THC MU = $\pm 0.007\%$}$ 

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.

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the *Certified by:* samples as received.

Luke E.M.

C231212AO

GREASE

Mankey

HL-SCLT 0037-2-2

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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



Customer ID: 221213-0

Grower License #: SCLT0037

## **Certificate of Analysis**

Company: High Mountain Homegrown

grown Sample ID: Grease Monkey Lot: HL-SCLT0037-2-2 Matrix: Flower Date Sampled: N/A Date Received: 12/12/2023

Report Date: 12/29/2023 Date Analyzed: 12/20/2023 Analyst: 052 Report ID: C231212AO

## Water Activity Summary

| Test           | Method   | Result |  |
|----------------|--|--------|--|
| Water Activity | ASTM D8196: Determination of Water Activity in Cannabis Flower | 0.4110 |  |

C231212AO GREASE Mankey HL-SCLT 0037-2-2

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

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Luke E.M.

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

(802) 540-0148 laboratory@biadiagnostics.com

Certified by: