## Certificate of Analysis

Company: Highly Rooted

Customer ID: 210402-0
Grower License \#: MANU020

Sample ID: 20 mg Sour Gummies Start
Lot: N/A
Matrix: Gummy
Date Sampled: N/A
Date Received: 11/29/2023

Report Date: 12/18/2023
Date Analyzed: 12/14/2023
Analyst: 011
Report ID: C231129AD

## Cannabinoid Summary

| Cannabinoid <br> Profile | LOQ (mg/g) | Concentration <br> (mg/g) | Weight (\%) |
| :--- | :---: | :---: | :---: |
| CBDVA | 0.0005 | $<$ LOQ | $<$ LOQ |
| CBDV | 0.0012 | $<$ LOQ | $<$ LOQ |
| CBDA | 0.0008 | $<$ LOQ | $<$ LOQ |
| CBGA | 0.0008 | $<$ LOQ | $<$ LOQ |
| CBG | 0.0019 | 0.54 | 0.05 |
| CBD | 0.0019 | 0.29 | 0.03 |
| THCV | 0.0021 | 0.14 | 0.01 |
| CBN | 0.0013 | 0.11 | 0.01 |
| $\Delta 9-T H C$ | 0.0020 | 13.60 | 1.36 |
| $\Delta 8-T H C$ | 0.0019 | $<$ LOQ | $<$ LOQ |
| THC-A | 0.0034 | $<$ LOQ | $<$ LOQ |
| CBC | 0.0024 | 0.43 | 0.04 |
| Total THC |  | 13.60 | 1.36 |
| Total CBD |  | 0.29 | 0.03 |
| Total Cannabinoids | 15.11 | 1.51 |  |


| $1.36 \%$ |
| :---: |
| Total THC | | $0.03 \%$ |
| :---: |
| Total CBD |



Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR ${ }^{\text {TM }}$ 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 $\times 0.877)+\Delta 9-T H C$
Total CBD $=($ CBDA $\times 0.877)+$ CBD
Ratio of Total CBD: Total THC Reagent Blanks: < LOQs for all analytes
$\mathrm{LOQ}=$ 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 $= \pm 0.005 \%$

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 Emerson Mason (Laboratory Director, Bia Diagnostics) (802) 540-0148 laboratory@biadiagnostics.com Certificate Registration Number: CL 50 2021002

## Summary of Results

## 20mg Sour Gummies Start

Prepared for Highly Rooted


Highly Rooted
LOT NUMBER
N/A
SERVING SIZE
0.365 g

MATRIX
Gummy

## DATE RECEIVED

11/29/2023
DATE ANALYZED
12/14/2023
REPORT DATE
12/18/2023
ORIGINAL REPORT ID
C231129AD

| Cannabinoid Profile | Concentration <br> (mg/g) | Weight (\%) |
| :--- | :---: | :---: |
| CBC | 0.43 | 0.04 |
| CBD | 0.29 | 0.03 |
| CBDA | Not Detected | Not Detected |
| CBDV | Not Detected | Not Detected |
| CBDVA | Not Detected | Not Detected |
| CBG | 0.54 | 0.05 |
| CBGA | Not Detected | Not Detected |
| CBN | 0.11 | 0.01 |
| THC-A | Not Detected | Not Detected |
| THCV | 0.14 | 0.01 |
| $\Delta 8-T H C$ | Not Detected | Not Detected |
| $\Delta 9-T H C$ | 13.60 | 1.36 |
| Total CBD | 0.29 | 0.03 |
| Total THC | 13.60 | 1.36 |
| Total Cannabinoids | 15.11 | 1.51 |

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR ${ }^{\text {TM }}$ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values.
*This is not an official Certificate of Analysis*
Not Detected = 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).

LOQ = The lowest quantity that this method can reliably detect. 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.

