Certificate of Analysis

Company: Highly Rooted

Sample ID: 20mg Sour Gummies Start

Lot: N/A

Report Date: 12/18/2023

Matrix: Gummy

Date Analyzed: 12/14/2023

Customer ID: 210402-0

Date Sampled: N/A

Analyst: 011

Grower License #: MANU020

Date Received: 11/29/2023

Report ID: C231129AD

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (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
Δ9-THC	0.0020	13.60	1.36
Δ8-THC	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

1.51% Total Cannabinoids

1.36% Δ9-THC

1.459g Sample Weight

1 : 0 THC : CBD Ratio

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) + Δ9-THC   Total CBD = (CBDA x 0.877) + CBD
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.
Δ9-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.

20mg test Begining
C231129AD

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.

Certified by: Luke E. M

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Summary of Results

20mg Sour Gummies Start
Prepared for Highly Rooted

MANUFACTURER INFO	**DATE RECEIVED**	
Highly Rooted	11/29/2023	
LOT NUMBER	**DATE ANALYZED**	
N/A	12/14/2023	
SERVING SIZE	**REPORT DATE**	
1.459g	12/18/2023	
MATRIX	**ORIGINAL REPORT ID**	
Gummy	C231129AD	

TOTAL CANNABINOIDS

22.05 mg per serving

TOTAL THC
19.84 mg
per serving

TOTAL CBD
0.43 mg
per serving

Cannabinoid Profile	Concentration (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
Δ8-THC	Not Detected	Not Detected
Δ9-THC	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™ 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.

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(802) 540-0148 laboratory@biadiagnostics.com