



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< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBDV	0.0012	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBDA	0.0008	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBGA	0.0008	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></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-ΤΗС	0.0020	13.60	1.36
Δ8-ΤΗС	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THC-A	0.0034	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
СВС	0.0024	0.43	0.04
Total THC		13.60	1.36
Total CBD		0.29	0.03
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, 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:

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. $\Delta 9\text{-THC MU} = \pm 0.005\%$ 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.

1.36% Total THC

0.03%
Total CBD

1.51%

Total

Cannabinoids

1.36%

Δ9-ΤΗС

0.365g

Sample Weight

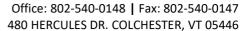
1:0

THC : CBD Ratio



Luke K: M

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)





Summary of Results

20mg Sour Gummies Start

Prepared for Highly Rooted

MANUFACTURER INFO DATE RECEIVED

11/29/2023 **Highly Rooted** LOT NUMBER

DATE ANALYZED

N/A 12/14/2023

SERVING SIZE REPORT DATE

0.365g 12/18/2023

MATRIX ORIGINAL REPORT ID

Gummy C231129AD

TOTAL CANNABINOIDS

5.52 mg per serving

T	O.	ΓAL	. TH	C

4.96 mg per serving

TOTAL CBD

0.11 mg per serving

Cannabinoid Profile	Concentration (mg/g)	Weight (%)	
СВС	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. 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.

(802) 540-0148 laboratory@biadiagnostics.com