

Certificate of Analysis

Company: Altitude Drops

Sample ID: 20 Piece Chocolate Bar S'mores

Lot: MANU0017-00223

Report Date: 12/22/2023

Matrix: Chocolate

Date Analyzed: 12/21/2023

Customer ID: 221205-2

Date Sampled: N/A

Analyst: 011

Grower License #: MANU0017

Date Received: 12/5/2023

Report ID: C231205AM

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	0.16	0.02
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	1.97	0.20
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	0.12	0.01
Total THC		1.97	0.20
Total CBD		<LOQ	<LOQ
Total Cannabinoids		2.26	0.23

0.2%

Total THC

<LOQ

Total CBD

0.23%

Total Cannabinoids

0.2%

Δ9-THC

51.260g

Sample Weight

N/A

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

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

20 Piece Chocolate Bar S'mores

Prepared for Altitude Drops

MANUFACTURER INFO

Altitude Drops

LOT NUMBER

MANU0017-00223

SERVING SIZE

51.260g

MATRIX

Chocolate

DATE RECEIVED

12/5/2023

DATE ANALYZED

12/21/2023

REPORT DATE

12/22/2023

ORIGINAL REPORT ID

C231205AM

TOTAL CANNABINOIDS

115.6 mg
per serving

Cannabinoid Profile	Concentration (mg/g)	Weight (%)
CBC	0.12	0.01
CBD	Not Detected	Not Detected
CBDA	Not Detected	Not Detected
CBDV	Not Detected	Not Detected
CBDVA	Not Detected	Not Detected
CBG	0.16	0.02
CBGA	Not Detected	Not Detected
CBN	Not Detected	Not Detected
THC-A	Not Detected	Not Detected
THCV	Not Detected	Not Detected
Δ8-THC	Not Detected	Not Detected
Δ9-THC	1.97	0.20
Total CBD	Not Detected	Not Detected
Total THC	1.97	0.20
Total Cannabinoids	2.26	0.23

TOTAL THC

 101.19 mg
per serving

TOTAL CBD

Not Detected



Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values.

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

This is not an official Certificate of Analysis