

## Summary of Results

# Salted Pecan Brittle Crunch Chocolate Bar

Prepared for X-Tract Vermont LLC

### MANUFACTURER INFO

X-Tract Vermont LLC

LOT NUMBER

MANU0008-128-1

SERVING SIZE

55.049g

MATRIX

Chocolate

### DATE RECEIVED

2/20/2024

DATE ANALYZED

2/23/2024

REPORT DATE

2/25/2024

ORIGINAL REPORT ID

C240220AV

## TOTAL CANNABINOIDS

85.97 mg  
per serving

Cannabinoid Profile	Concentration (mg/g)	Weight (%)
CBC	Not Detected	Not Detected
CBD	Not Detected	Not Detected
CBDA	Not Detected	Not Detected
CBDV	Not Detected	Not Detected
CBDVA	Not Detected	Not Detected
CBG	Not Detected	Not Detected
CBGA	Not Detected	Not Detected
CBN	Not Detected	Not Detected
THC-A	Not Detected	Not Detected
THCV	Not Detected	Not Detected
$\Delta 8$ -THC	Not Detected	Not Detected
$\Delta 9$ -THC	1.56	0.16
<b>Total CBD</b>	Not Detected	Not Detected
<b>Total THC</b>	1.56	0.16
<b>Total Cannabinoids</b>	1.56	0.16

## TOTAL THC

85.97 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.

\*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

## Certificate of Analysis

Company: X-Tract Vermont LLC

Sample ID: Salted Pecan Brittle Crunch Chocolate Bar

Lot: MANU0008-128-1

Report Date: 2/25/2024

Matrix: Chocolate

Date Analyzed: 2/23/2024

Customer ID: 200717-0

Date Sampled: N/A

Analyst: 057

Grower License #: MANU0008

Date Received: 2/20/2024

Report ID: C240220AV

### 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	<LOQ	<LOQ
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	1.56	0.16
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	<LOQ	<LOQ
<b>Total THC</b>		<b>1.56</b>	<b>0.16</b>
<b>Total CBD</b>		<b>&lt;LOQ</b>	<b>&lt;LOQ</b>
<b>Total Cannabinoids</b>		<b>1.56</b>	<b>0.16</b>

0.16%

Total THC

<LOQ

Total CBD

0.16%

Total Cannabinoids

0.16%

Δ9-THC

55.049g

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 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.



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 Emerson Mason (Laboratory Director, Bia Diagnostics)



## Certificate of Analysis

Company: X-Tract Vermont LLC

Sample ID: Ghost Train Haze

Lot: MANU0008-128

Report Date: 2/14/2024

Matrix: Concentrate

Date Analyzed: 2/13/2024

Customer ID: 200717-0

Date Sampled: N/A

Analyst: 057

Grower License #: MANU0008

Date Received: 2/7/2024

Report ID: C240207AW

### 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	29.68	2.97
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	5.43	0.54
CBN	0.0013	7.53	0.75
$\Delta$ 9-THC	0.0020	680.23	68.02
$\Delta$ 8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	12.26	1.23
<b>Total THC</b>		<b>680.23</b>	<b>68.02</b>
<b>Total CBD</b>		<b>&lt;LOQ</b>	<b>&lt;LOQ</b>
<b>Total Cannabinoids</b>		<b>735.13</b>	<b>73.51</b>

**68.02%**

Total THC

**<LOQ**

Total CBD

**73.51%**

Total Cannabinoids

**68.02%**

$\Delta$ 9-THC

**N/A**

Percent Moisture

**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 x 0.877) +  $\Delta$ 9-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.  
 $\Delta$ 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 samples as received.

Certified by: Luke E. M.  
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

## Certificate of Analysis

Company: X-Tract Vermont LLC

Sample ID: Ghost Train Haze

Report Date: 2/13/2024

Lot: MANU0008-128

Date Analyzed: 2/12/2024

Matrix: Concentrate

Analyst: 048

Customer ID: 200717-0

Date Sampled: N/A

Report ID: C240202AH

Grower License #: MANU0008

Date Received: 2/2/2024

### Residual Solvents Summary

Residual Solvent	LOQ (µg/g)	Results (µg/g)
Benzene	0.20	<LOQ
Chloroform	6.00	<LOQ
Methylene Chloride	500.00	<LOQ
Trichloroethylene	500.00	<LOQ
Acetone	40.00	<LOQ
Acetonitrile	500.00	<LOQ
Propane	500.00	<LOQ
Butane	500.00	<LOQ
Ethanol	500.00	<LOQ
Ethyl acetate	500.00	<LOQ
Ethyl Ether	500.00	<LOQ
Heptane	500.00	<LOQ
Hexane	30.00	<LOQ
Isopropyl Alcohol	500.00	<LOQ
Methanol	300.00	<LOQ
Pentane	500.00	<LOQ
Toluene	90.00	<LOQ
Total Xylenes	200.00	<LOQ

LOQ = The lowest quantity that this method can reliably detect. Any residual solvent that was not detected is assumed to be less than the stated LOQ (<LOQ).

Residual Solvent Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus<sup>®</sup> 508 GC MS

Reagent Blanks: < LOQs for all analytes



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)



## Certificate of Analysis

Company: X-Tract Vermont LLC

Sample ID: Ghost Train Haze

Report Date: 2/14/2024

Lot: MANU0008-128

Date Analyzed: 2/9/2024

Matrix: Concentrate

Customer ID: 200717-0

Date Sampled: N/A

Analyst: 045

Grower License #: MANU0008

Date Received: 2/7/2024

Report ID: C240207AW

### Pesticides/Mycotoxins Summary

Category II Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Abamectin	0.0100	<LOQ
Acephate	0.0010	<LOQ
Acequinocyl	0.0010	<LOQ
Azoxystrobin	0.0010	<LOQ
Bifenazate	0.0010	<LOQ
Bifenthrin	0.0010	<LOQ
Carbaryl	0.0010	<LOQ
Cypermethrin	0.0100	<LOQ
Etoxazole	0.0010	<LOQ
Imidacloprid	0.0010	<LOQ
Myclobutanil	0.0010	<LOQ
Pyrethrin I	0.0010	<LOQ
Pyrethrin II	0.0010	<LOQ
Spinosyn A	0.0010	<LOQ
Spinosyn D	0.0010	<LOQ

Category II Mycotoxin	LOQ (ppm)	Concentration (ppm)
Ochratoxin A	0.0020	NOT TESTED
Aflatoxin B1	0.0002	NOT TESTED
Alfatoxin B2	0.0010	NOT TESTED
Alfatoxin G1	0.0002	NOT TESTED
Alfatoxin G2	0.0010	NOT TESTED

Category I Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Chlorpyrifos	0.0010	<LOQ
Imazalil	0.0010	<LOQ

N/A
Percent Moisture



LOQ = The lowest quantity this method can reliably detect. Any pesticide or mycotoxins 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.

ppb = parts per billion

Pesticides/Mycotoxin Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

Certified by:



Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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.

## Certificate of Analysis

Company: X-Tract Vermont LLC	Sample ID: Ghost Train Haze	Report Date: 2/13/2024
	Lot: MANU0008-128	Date Analyzed: 2/9/2024
	Matrix: Concentrate	Analyst: 048
Customer ID: 200717-0	Date Sampled: N/A	Report ID: C240207AW
Grower License #: MANU0008	Date Received: 2/7/2024	

### Heavy Metal Summary

Heavy Metal Profile	LOQ (ppm)	Concentration (ppm)
Arsenic (As)	0.0001	0.0242
Cadmium (Cd)	0.0001	0.0007
Mercury (Hg)	0.0001	<LOQ
Lead (Pb)	0.0001	0.0544



N/A
Percent Moisture

Heavy Metal Methodology: ICP-MS using PerkinElmer NexION® 2000 ICP Mass Spectrometer

Reagent Blanks: < LOQs for all analytes

ppm = parts per million

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

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)