

Office: 802-540-0148 | Fax: 802-540-0147 480 HERCULES DR. COLCHESTER, VT 05446

## Certificate of Analysis

Company: Theory Wellness of VT

Sample ID: Chews - THC Watermelon - Bulk 768 Putney Rd Lot: VTCHEWW5T2

Report Date: 8/24/2023 Brattleboro, VT 05301 **Date Analyzed: 8/23/2023** Matrix: Gummy

Customer ID: 230609-0 Date Sampled: N/A Analyst: 011

Grower License #: MANU0054 **Date Received:** 8/17/2023 Report ID: C230817AB

## 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	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBD	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THCV	0.0021	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBN	0.0013	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Δ9-ΤΗС	0.0020	1.54	0.15
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	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Total THC		1.54	0.15
Total CBD		<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Total Cannabinoids		1.54	0.15

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 CBD = (CBDA x 0.877) + CBD Total THC = (THCA x 0.877) +  $\Delta 9$ -THC 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 = ±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.

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0.15%

**Total THC** 

<LOQ

**Total CBD** 

0.15%

Total **Cannabinoids**  0.15%

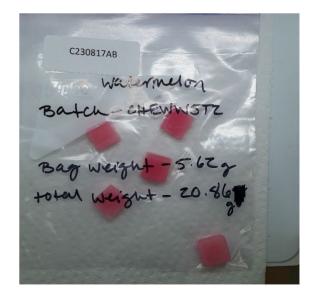
Δ9-ΤΗС

2.927g

Sample Weight

N/A

THC: CBD Ratio



Luke Emerson Mason (Laboratory Director, Bia Diagnostics)



## **Summary of Results**

## Chews - THC Watermelon - Bulk

Prepared for Theory Wellness of VT

MANUFACTURER INFO DATE RECEIVED

Theory Wellness of VT 8/17/2023

LOT NUMBER DATE ANALYZED

VTCHEWW5T2 8/23/2023

SERVING SIZE REPORT DATE

2.927g 8/24/2023

MATRIX ORIGINAL REPORT ID

Gummy C230817AB

<b>TOTAL</b>	CANN	IABII	NOIDS
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4.5 mg per serving

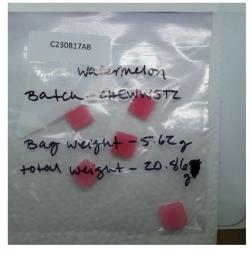
Cannabinoid Profile	Concentration (mg/g)	Weight (%)
CBC	Not Detected	Not Detected
CBD	Not Detected	Not Detected
CBDA	Not Detected	Not Detected
CBDV	Not Detected	Not Detected
CBDVA	Not Detected	Not Detected
CBG	Not Detected	Not Detected
CBGA	Not Detected	Not Detected
CBN	Not Detected	Not Detected
THC-A	Not Detected	Not Detected
THCV	Not Detected	Not Detected
Δ8-THC	Not Detected	Not Detected
Δ9-ΤΗС	1.54	0.15
Total CBD	Not Detected	Not Detected
Total THC	1.54	0.15
<b>Total Cannabinoids</b>	1.54	0.15

**TOTAL THC** 

4.5 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).

\*This is not an official Certificate of Analysis\*

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(802) 540-0148 laboratory@biadiagnostics.com