

TANGIE CBD

Sample ID: BIA260607S0212

Strain: TANGIE CBD

Harvest Lot: 0594_2022

Matrix: Plant

Type: Flower - Cured

Sample Size: 7.649 g

Lot#:

Produced:

Collected:

Received: 06/15/2026

Completed: 06/25/2026

Batch#:

Client

Vermont Botanical Farm LLC

Lic. # 50_2022_00000594

, VT 05647



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	06/17/2026	Complete
Moisture	06/16/2026	10.80% - Complete
Water Activity	06/16/2026	0.537 aw - Complete
Terpenes	06/17/2026	Complete
Microbials	06/18/2026	Complete
Pesticides	06/17/2026	Complete

Cannabinoids

Completed

0.21% Total THC					15.12% Total CBD					17.41% Total Cannabinoids				
Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving		mg/g	%	mg/g	mg/serving		mg/g	%	mg/g	mg/serving
CBDVa	0.0003	<LOQ	<LOQ		CBCVa	0.0003	<LOQ	<LOQ		Total THC		0.21	2.08	
CBDV	0.0003	<LOQ	<LOQ		CBNa	0.0003	<LOQ	<LOQ		Total CBD		15.12	151.23	
CBDa	0.0005	14.49	144.9		Δ9-THC	0.0005	0.21	2.1		Total		17.41	174.14	0.00
CBGa	0.0005	0.30	3.0		Δ8-THC	0.0003	<LOQ	<LOQ						
CBG	0.0005	<LOQ	<LOQ		Δ10-THC*	0.0002	<LOQ	<LOQ						
CBD	0.0005	2.41	24.1		CBL	0.0005	<LOQ	<LOQ						
THCV	0.0003	<LOQ	<LOQ		CBC	0.0003	<LOQ	<LOQ						
CBLV	0.0003	<LOQ	<LOQ		THCa	0.0005	<LOQ	<LOQ						
CBV	0.0003	<LOQ	<LOQ		CBCa	0.0006	<LOQ	<LOQ						
THCVa	0.0003	<LOQ	<LOQ		CBLa	0.0005	<LOQ	<LOQ						
CBN	0.0005	<LOQ	<LOQ											

Analyst: 063

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:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

*The result is the sum of delta-10 isomers.




 Luke Emerson-Mason
 Laboratory Director
 06/25/2026

 Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com


TANGIE CBD

Sample ID: BIA260607S0212
Strain: TANGIE CBD
Harvest Lot: 0594_2022
Matrix: Plant
Type: Flower - Cured
Sample Size: 7.649 g
Lot#:

Produced:
Collected:
Received: 06/15/2026
Completed: 06/25/2026
Batch#:

Client
Vermont Botanical Farm LLC
Lic. # 50_2022_00000594
 , VT 05647

Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
β-Caryophyllene	0.010	2.230	0.223
β-Myrcene	0.010	1.927	0.193
α-Pinene	0.010	0.822	0.082
α-Humulene	0.010	0.757	0.076
Limonene	0.010	0.691	0.069
α-Bisabolol	0.010	0.561	0.056
Guaiol	0.010	0.343	0.034
Linalool	0.010	0.310	0.031
Terpinolene	0.010	0.177	0.018
Eucalyptol	0.010	0.152	0.015
β-Pinene	0.010	0.137	0.014
Caryophyllene Oxide	0.010	0.109	0.011
trans-Nerolidol	0.010	0.072	0.007
Camphene	0.010	0.029	0.003
α-Terpinene	0.010	0.019	0.002
γ-Terpinene	0.010	0.019	0.002
p-Cymene	0.010	0.013	0.001
3-Carene	0.010	0.010	0.001
cis-Nerolidol	0.010	<LOQ	<LOQ
cis-Ocimene	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
trans-Ocimene	0.010	<LOQ	<LOQ
Total		8.379	0.838

Primary Aromas

 Cinnamon	 Hops	 Pine	 Orange	 Chamomile
---	---	---	---	--

Analyst: 063

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

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

Reagent Blanks: < LOQs for all analytes

All results reflect dry weight of material, based on % moisture of the sample.

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




Luke Emerson-Mason
 Laboratory Director
 06/25/2026

Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com



TANGIE CBD

Sample ID: BIA260607S0212
Strain: TANGIE CBD
Harvest Lot: 0594_2022
Matrix: Plant
Type: Flower - Cured
Sample Size: 7.649 g
Lot#:

Produced:
Collected:
Received: 06/15/2026
Completed: 06/25/2026
Batch#:

Client
Vermont Botanical Farm LLC
Lic. # 50_2022_00000594
 , VT 05647

Pesticides

Completed

Category 1 Pesticides	LOD	LOQ	Results
	PPM	PPM	PPM
Chlorpyrifos	0.0003	0.0010	ND
Imazalil	0.0003	0.0010	ND
Category 2 Pesticides	LOD	LOQ	Results
	PPM	PPM	PPM
Abamectin	0.0003	0.0010	ND
Acephate	0.001	0.0050	ND
Acequinocyl	0.0003	0.0010	ND
Azoxystrobin	0.00005	0.0010	ND
Bifenazate	0.0001	0.0010	ND
Bifenthrin	0.0001	0.0010	ND
Carbaryl	0.0001	0.0010	ND
Cypermethrin	0.001	0.0050	ND
Etoxazole	0.0001	0.0010	ND
Imidacloprid	0.00005	0.0010	ND
Myclobutanil	0.0001	0.0010	ND
Pyrethrins	0.001	0.0050	ND
Spinosyn A	0.0001	0.0010	ND
Spinosyn D	0.0003	0.0010	ND

Analyst: 062

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

LOQ = The lowest quantity this method can reliably quantify. Any pesticides or mycotoxins that were not quantifiable are less than the stated LOQ (<LOQ).

ppm = parts per million

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

ND = Not Detected (<LOD)




Luke Emerson-Mason
 Laboratory Director
 06/25/2026

Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com



TANGIE CBD

Sample ID: BIA260607S0212
 Strain: TANGIE CBD
 Harvest Lot: 0594_2022
 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 7.649 g
 Lot#:

Produced:
 Collected:
 Received: 06/15/2026
 Completed: 06/25/2026
 Batch#:

Client
Vermont Botanical Farm LLC
 Lic. # 50_2022_00000594
 , VT 05647

Pathogens

Completed

Pathogens	LOD	Results
	CFU/g	CFU/g
Aspergillus	5	Not Detected
Shiga Toxin E. Coli	5	Not Detected
Salmonella SPP	5	Not Detected

Analyst: 018

Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

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

Reagent Blanks: <LOD for all analytes




Luke Emerson-Mason
 Laboratory Director
 06/25/2026

Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com

