

Cotton Candy Cookies

Sample ID: BIA260527S0431
Strain: Cotton Candy Cookies
Harvest Lot:
Matrix: Concentrates & Extracts
Type: Full Spectrum Oil
Sample Size: 1 units
Lot#: MANU0008-300

Produced:
Collected:
Received: 05/27/2026
Completed: 06/05/2026
Batch#: MANU0008-300

Client:
X-Tract Vermont
Lic. # MANU0008
 650 INDUSTRIAL PARK RD
 SAINT ALBANS, VT 05478



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	05/29/2026	Complete
Residual Solvents	06/04/2026	Complete
Pesticides	05/28/2026	Complete
Heavy Metals	05/29/2026	Complete

Cannabinoids

Completed

81.74% Total THC						ND Total CBD						83.57% Total Cannabinoids					
Analyte	LOQ	Results	Results	Mass	Mass	Analyte	LOQ	Results	Results	Mass	Mass	Analyte	LOQ	Results	Results	Mass	Mass
	mg/g	%	mg/g	mg/mL	mg/container		mg/g	%	mg/g	mg/mL	mg/container		mg/g	%	mg/g	mg/mL	mg/container
CBDVa	0.0003	<LOQ	<LOQ			CBCVa	0.0003	<LOQ	<LOQ			CBCVa	0.0003	<LOQ	<LOQ		
CBDV	0.0003	<LOQ	<LOQ			CBNa	0.0003	<LOQ	<LOQ			CBNa	0.0003	<LOQ	<LOQ		
CBDa	0.0005	<LOQ	<LOQ			Δ9-THC	0.0005	73.52	735.2			Δ9-THC	0.0005	73.52	735.2		
CBGa	0.0005	<LOQ	<LOQ			Δ8-THC	0.0003	<LOQ	<LOQ			Δ8-THC	0.0003	<LOQ	<LOQ		
CBG	0.0005	<LOQ	<LOQ			Δ10-THC*	0.0002	<LOQ	<LOQ			Δ10-THC*	0.0002	<LOQ	<LOQ		
CBD	0.0005	<LOQ	<LOQ			CBL	0.0005	<LOQ	<LOQ			CBL	0.0005	<LOQ	<LOQ		
THCV	0.0003	<LOQ	<LOQ			CBC	0.0003	0.67	6.7			CBC	0.0003	0.67	6.7		
CBLV	0.0003	<LOQ	<LOQ			THCa	0.0005	9.38	93.8			THCa	0.0005	9.38	93.8		
CBCV	0.0003	<LOQ	<LOQ			CBCa	0.0006	<LOQ	<LOQ			CBCa	0.0006	<LOQ	<LOQ		
THCVa	0.0003	<LOQ	<LOQ			CBLa	0.0005	<LOQ	<LOQ			CBLa	0.0005	<LOQ	<LOQ		
CBN	0.0005	<LOQ	<LOQ			Total THC		81.74	817.41			Total THC		81.74	817.41		
						Total CBD		ND	ND	ND	ND	Total CBD		ND	ND	ND	ND
						Total		83.57	835.68	0.00	0.00	Total		83.57	835.68	0.00	0.00

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
 06/05/2026

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Certificate of Analysis



Client Name: X-Tract VT

License Number: MANU-0008



Sample ID: 20260527-32165

Sample Name: Cotton Candy Cookies

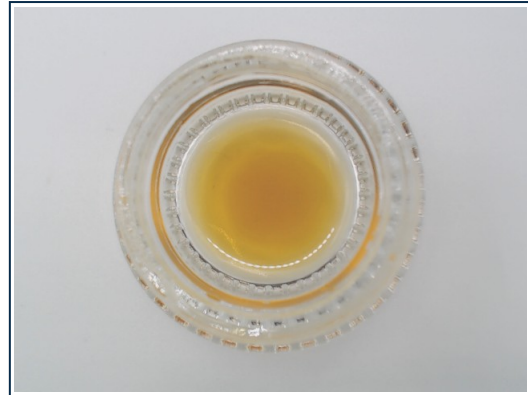
Sample Lot: MANU0008-300

Sample Matrix: Solvent Extraction Concentrates

Date Received: 5/27/2026

Date Reported: 6/1/2026

Date Tested: 5/28/2026



Total Terpenes (%) : 6.9783

Dominant Terpenes (%)

alpha-Terpinolene	2.9754
Limonene	0.7441
Myrcene	0.6697
beta-Pinene	0.4752
alpha-Pinene	0.3587

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #106166

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	0.1785	1.785	0.000002	0.001
alpha-Bisabolol	0.095	0.95	0.000003	0.001
alpha-Humulene	0.1306	1.306	0.000002	0.001
alpha-Pinene	0.3587	3.587	0.000001	0.001
alpha-Terpinene	0.2019	2.019	0.000001	0.001
alpha-Terpinolene	2.9754	29.754	0.000004	0.001
beta-caryophyllene	0.3069	3.069	0.000004	0.001
beta-Pinene	0.4752	4.752	0.000002	0.001
Camphene	0.0439	0.439	0.000001	0.001
Caryophyllene Oxide	0.0394	0.394	0.000011	0.001
Eucalyptol	0.0366	0.366	0.000002	0.001
gamma-Terpinene	0.1191	1.191	0.000002	0.001
Geraniol	ND	ND	0.000008	0.003
Guaiol	ND	ND	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	0.0342	0.342	0.000003	0.001
Limonene	0.7441	7.441	0.000002	0.001
Linalool	0.2284	2.284	0.000003	0.001
Nerolidol	0.0544	0.544	0.000007	0.001
Myrcene	0.6697	6.697	0.000003	0.001
Ocimene	0.2863	2.863	0.000002	0.001
Total Terpenes	6.9783	69.783		

Callie Chapman

Callie Chapman
Lab Director
6/1/2026

Rev. 1 Initial Release

In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.



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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
 06/05/2026

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Heavy Metals

Completed

Analyte	LOQ	Results
	µg/g	µg/g
Chromium	0.0005	NT
Nickel	0.0005	NT
Copper	0.0005	NT
Zinc	0.0005	NT
Arsenic	0.0005	0.0041
Cadmium	0.0005	0.0006
Mercury	0.0005	0.0151
Lead	0.0005	0.0412
Total		0.0610

Analyst: 052

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




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Residual Solvents

Completed

Analyte	LOQ	Results
	µg/g	µg/g
Acetone	100.00	<LOQ
Acetonitrile	50.00	<LOQ
Benzene	0.50	<LOQ
n-Butane	50.00	<LOQ
Chloroform	5.00	<LOQ
Ethanol	500.00	<LOQ
Ethyl-Acetate	500.00	<LOQ
Ethyl-Ether	500.00	<LOQ
Heptane	500.00	<LOQ
n-Hexane	5.00	<LOQ
Isopropanol	100.00	<LOQ
Methanol	200.00	<LOQ
Dichloromethane	50.00	<LOQ
n-Pentane	500.00	<LOQ
Propane	500.00	<LOQ
Toluene	50.00	<LOQ
Trichloroethylene	500.00	<LOQ
Xylenes	50.00	<LOQ
Total		0

Analyst: 063

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

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).

Reagent Blanks: < LOQs for all analytes




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