Bia Diagnostics Laboratories

Bia Diagnostics
480 Hercules Drive Suite 101
Colchester, VT 05446

(802) 540-0148
https://www.biadiagnostics.com/
Lic# TLAB0029

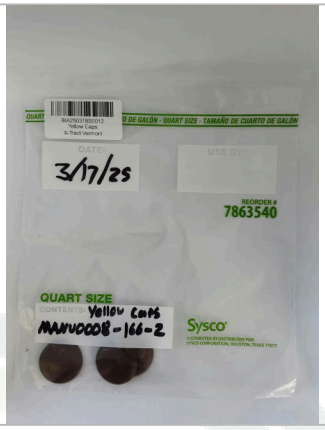
Yellow Caps

Sample ID: BIA250318S0012
Strain: MANU0008-166-2

Matrix: Ingestible
Type: Chocolate
Sample Size: 2.536 g
Lot#: MANU0008-166-2

Produced:
Collected:
Received: 03/18/2025
Completed: 03/20/2025
Batch#: MANU0008-166-2

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



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	03/19/2025	Complete

Cannabinoids

Completed

2.16 mg/serving	ND	2.22 mg/serving
Total THC	Total CBD	Total Cannabinoids

Analyte	LOQ	Results	Results	Mass	Mass
	%	%	mg/g	mg/serving	mg/container
CBDVa	0.0001	<LOQ	<LOQ	<LOQ	
CBDV	0.0001	<LOQ	<LOQ	<LOQ	
CBDa	0.0001	<LOQ	<LOQ	<LOQ	
CBGa	0.0001	<LOQ	<LOQ	<LOQ	
CBG	0.0002	0.00	0.0	0.06	
CBD	0.0002	<LOQ	<LOQ	<LOQ	
THCV	0.0002	<LOQ	<LOQ	<LOQ	
CBN	0.0001	<LOQ	<LOQ	<LOQ	
Δ9-THC	0.0002	0.09	0.9	2.16	
Δ8-THC	0.0002	<LOQ	<LOQ	<LOQ	
Δ10-THC	0.0000	<LOQ	<LOQ	<LOQ	
CBC	0.0002	<LOQ	<LOQ	<LOQ	
THCa	0.0003	<LOQ	<LOQ	<LOQ	
Total THC		**0.09**	**0.85**	**2.16**	
Total CBD		**ND**	**ND**	**ND**	**ND**
Total		**0.09**	**0.87**	**2.22**	**0.00**

Analyst: 056
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:
TotalTHC=(THCAx0.877)+Δ9-THC
Total CBD = (CBDA x 0.877) + 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.

Luke Emerson-Mason
Laboratory Director
03/20/2025

Bia Diagnostics Laboratories

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Lic# TLAB0029

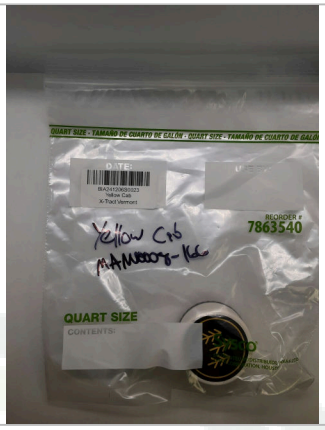
Yellow Cab

Sample ID: BIA241206S0023
Strain: Yellow Cab

Matrix: Concentrates & Extracts
Type: Full Spectrum Oil
Sample Size: 1 units
Lot#: MANU0008-166

Produced:
Collected:
Received: 12/06/2024
Completed: 12/11/2024
Batch#: MANU0008-166

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



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	12/10/2024	Complete
Terpenes	12/10/2024	Complete
Pesticides	12/10/2024	Complete
Heavy Metals	12/10/2024	Complete

Cannabinoids

Completed

65.77% Total THC	ND Total CBD	70.79% Total Cannabinoids

Analyte	LOQ	Results	Results	Mass	Mass
	%	%	mg/g	mg/mL	mg/container
CBDVa	0.0001	<LOQ	<LOQ		
CBDV	0.0001	<LOQ	<LOQ		
CBDa	0.0001	<LOQ	<LOQ		
CBGa	0.0001	1.07	10.7		
CBG	0.0002	0.73	7.3		
CBD	0.0002	<LOQ	<LOQ		
THCV	0.0002	0.31	3.1		
CBN	0.0001	0.26	2.6		
Δ9-THC	0.0002	50.36	503.6		
Δ8-THC	0.0002	<LOQ	<LOQ		
Δ10-THC	0.0000	<LOQ	<LOQ		
CBC	0.0002	0.49	4.9		
THCa	0.0003	17.57	175.7		
Total THC		**65.77**	**657.71**		
Total CBD		**ND**	**ND**	**ND**	**ND**
Total		**70.79**	**707.88**	**0.00**	**0.00**

Analyst: 056
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:
TotalTHC=(THCAx0.877)+Δ9-THC
Total CBD = (CBDA x 0.877) + 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.

Luke Emerson-Mason
Laboratory Director
12/11/2024

Yellow Cab

Sample ID: BIA24120650023
Strain: Yellow Cab

Matrix: Concentrates & Extracts
Type: Full Spectrum Oil
Sample Size: 1 units
Lot#: MANU0008-166

Produced:
Collected:
Received: 12/06/2024
Completed: 12/11/2024
Batch#: MANU0008-166

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

Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	6.327	0.633
α-Pinene	0.010	4.204	0.420
β-Myrcene	0.010	3.711	0.371
β-Caryophyllene	0.010	3.369	0.337
β-Pinene	0.010	2.522	0.252
Linalool	0.010	2.091	0.209
Ocimene	0.010	2.063	0.206
α-Humulene	0.010	1.464	0.146
Terpinolene	0.010	0.759	0.076
Camphene	0.010	0.478	0.048
3-Carene	0.010	0.086	0.009
γ-Terpinene	0.010	0.085	0.009
α-Terpinene	0.010	0.076	0.008
α-Bisabolol	0.010	0.024	0.002
Eucalyptol	0.010	0.024	0.002
Caryophyllene Oxide	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
Total		**27.284**	**2.728**

Primary Aromas

Orange | Pine | Hops | Cinnamon | Lavender

Analyst: 045
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
12/11/2024

Yellow Cab

Sample ID: BIA24120650023
Strain: Yellow Cab

Matrix: Concentrates & Extracts
Type: Full Spectrum Oil
Sample Size: 1 units
Lot#: MANU0008-166

Produced:
Collected:
Received: 12/06/2024
Completed: 12/11/2024
Batch#: MANU0008-166

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SAINT ALBANS, VT 05478

Pesticides

Completed

Category 1 Pesticides	LOQ	Results
	PPM	PPM
Chlorpyrifos	0.0010	<LOQ
Imazalil	0.0010	<LOQ

Category 2 Pesticides	LOQ	Results
	PPM	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
Pyrethrins	0.0020	<LOQ
Spinosyn A	0.0010	<LOQ
Spinosyn D	0.0010	<LOQ

Analyst: 056
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 detect. Any pesticide or mycotoxins that was not detected is assumed to be 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.

Luke Emerson-Mason
Laboratory Director
12/11/2024

Yellow Cab

Sample ID: BIA24120650023
Strain: Yellow Cab

Matrix: Concentrates & Extracts
Type: Full Spectrum Oil
Sample Size: 1 units
Lot#: MANU0008-166

Produced:
Collected:
Received: 12/06/2024
Completed: 12/11/2024
Batch#: MANU0008-166

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Heavy Metals

Completed

Analyte	LOQ	Results
	µg/g	µg/g
Chromium	0.0001	NT
Nickel	0.0001	NT
Copper	0.0001	NT
Zinc	0.0001	NT
Arsenic	0.0001	0.0112
Cadmium	0.0001	0.0003
Mercury	0.0001	<LOQ
Lead	0.0001	0.0102
Total		**0.0217**

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.

Luke Emerson-Mason
Laboratory Director
12/11/2024

Yellow Cab

Sample ID: BIA24112S0020
Strain: Yellow Cab

Matrix: Concentrates & Extracts
Type: Full Extract Cannabis Oil
Sample Size: 1 units
Lot#: MANU0008-166

Produced:
Collected:
Received: 11/25/2024
Completed: 12/02/2024
Batch#: MANU0008-166

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

Residual Solvents

Completed

Analyte	LOQ	Results
	µg/g	µg/g
Acetone	50.00	<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	50.00	<LOQ
Methanol	50.00	<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: 045
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

Luke Emerson-Mason
Laboratory Director
12/02/2024