Bia Diagnostics Laboratories

Bia Diagnostics
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Colchester, VT 05446

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

Super Lemon Haze

Sample ID: BIA250220S0025
Strain: Super Lemon Haze

Matrix: Concentrates & Extracts
Type: Distillate
Sample Size: 1 units
Lot#: MANU0008-126-3

Produced:
Collected:
Received: 02/21/2025
Completed: 02/28/2025
Batch#: MANU0008-126-3

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

Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	02/26/2025	Complete
Terpenes	02/24/2025	Complete

Cannabinoids

Completed

84.85%	ND	85.91%
Total THC	Total CBD	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	<LOQ	<LOQ		
CBG	0.0002	<LOQ	<LOQ		
CBD	0.0002	<LOQ	<LOQ		
THCV	0.0002	0.50	5.0		
CBN	0.0001	0.57	5.7		
Δ9-THC	0.0002	84.85	848.5		
Δ8-THC	0.0002	<LOQ	<LOQ		
Δ10-THC	0.0000	<LOQ	<LOQ		
CBC	0.0002	<LOQ	<LOQ		
THCa	0.0003	<LOQ	<LOQ		
Total THC		**84.85**	**848.45**		
Total CBD		**ND**	**ND**	**ND**	**ND**
Total		**85.91**	**859.13**	**0.00**	**0.00**

Analyst: 048
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
02/28/2025

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Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	8.414	0.841
Ocimene	0.010	6.148	0.615
Terpinolene	0.010	2.791	0.279
β-Myrcene	0.010	2.614	0.261
α-Pinene	0.010	1.559	0.156
β-Caryophyllene	0.010	1.520	0.152
β-Pinene	0.010	1.500	0.150
α-Terpinene	0.010	0.213	0.021
α-Humulene	0.010	0.174	0.017
3-Carene	0.010	0.130	0.013
γ-Terpinene	0.010	0.126	0.013
Linalool	0.010	0.111	0.011
Caryophyllene Oxide	0.010	0.025	0.003
Camphene	0.010	0.012	0.001
α-Bisabolol	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Eucalyptol	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		**25.337**	**2.534**

Primary Aromas

Orange | Earthy | Turpentine | Hops | Pine

Analyst: 048
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
02/28/2025

Tall Truck Distillate

Sample ID: BIA240516S0012
Strain: Tall Truck Distillate

Matrix: Concentrates & Extracts
Type: Distillate
Sample Size: 2 g
Lot#:

Produced:
Collected:
Received: 05/16/2024
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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	0.080
Spinosyn A	0.0010	<LOQ
Spinosyn D	0.0010	<LOQ

Analyst: 045
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 analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

Luke Emerson-Mason
Laboratory Director
05/24/2024

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Mycotoxins

Completed

Analyte	LOQ	Results
	PPM	PPM
Ochratoxin A	0.0020	<LOQ
B1	0.0002	<LOQ
B2	0.0010	<LOQ
G1	0.0002	<LOQ
G2	0.0010	<LOQ
Total		**0**

Analyst: 045
Mycotoxin 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).
All results reflect dry weight of material, based on % moisture of the sample.
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05/24/2024

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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	0.0002
Cadmium	0.0001	0.0006
Mercury	0.0001	<LOQ
Lead	0.0001	0.0033
Total		**0.0041**

Analyst: 048
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.

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Laboratory Director
05/24/2024

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Residual Solvents

Completed

Analyte	LOQ	Results
	µg/g	µg/g
Acetone	40.00	<LOQ
Acetonitrile	500.00	<LOQ
Benzene	0.20	<LOQ
n-Butane	500.00	<LOQ
Chloroform	6.00	<LOQ
Ethanol	500.00	<LOQ
Ethyl-Acetate	500.00	<LOQ
Ethyl-Ether	500.00	<LOQ
Heptane	500.00	<LOQ
n-Hexane	0.50	<LOQ
Isopropanol	500.00	<LOQ
Methanol	300.00	<LOQ
Dichloromethane	500.00	<LOQ
n-Pentane	500.00	<LOQ
Propane	500.00	<LOQ
Toluene	90.00	<LOQ
Trichloroethylene	500.00	<LOQ
Xylenes	200.00	<LOQ
Total		**0**

Analyst: 048
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
05/24/2024