

SOUR DIESEL(2)

Sample ID: BIA260318S0417
Strain: HL# 103125
Harvest Lot:
Matrix: Plant
Type: Flower - Uncured
Sample Size: 2 g
Lot#:

Produced:
Collected:
Received: 03/19/2026
Completed: 03/24/2026
Batch#:

Client:
BERN LIVING ORGANICS, LLC
Lic. # CLTV0089
PO BOX 3418
BURLINGTON, VT 05408



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	03/20/2026	Complete
Moisture	03/20/2026	10.20% - Complete
Water Activity	03/20/2026	0.507 aw - Complete

Cannabinoids

Completed

24.68%					ND					29.41%				
Total THC					Total CBD					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						
CBDV	0.0003	<LOQ	<LOQ		CBNa	0.0003	<LOQ	<LOQ						
CBDa	0.0005	<LOQ	<LOQ		Δ9-THC	0.0005	0.47	4.7						
CBGa	0.0005	0.86	8.6		Δ8-THC	0.0003	<LOQ	<LOQ						
CBG	0.0005	<LOQ	<LOQ		Δ10-THC*	0.0002	<LOQ	<LOQ						
CBD	0.0005	<LOQ	<LOQ		CBL	0.0005	<LOQ	<LOQ						
THCV	0.0003	<LOQ	<LOQ		CBC	0.0003	<LOQ	<LOQ						
CBLV	0.0003	<LOQ	<LOQ		THCa	0.0005	27.61	276.1						
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.22	2.2						
THCVa	0.0003	0.24	2.4		CBLa	0.0005	<LOQ	<LOQ						
CBN	0.0005	<LOQ	<LOQ		Total THC		24.68	246.79						
					Total CBD		ND	ND	ND					
					Total		29.41	294.05	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
 03/24/2026

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SOUR DIESEL(2)

Sample ID: BIA260318S0395
Strain: HL# 103125
Harvest Lot:
Matrix: Plant
Type: Flower - Uncured
Sample Size: 2 g
Lot#:

Produced:
Collected:
Received: 03/19/2026
Completed: 03/26/2026
Batch#:

Client
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BURLINGTON, VT 05408



Summary

Test	Date Tested	Result
Sample		Complete
Moisture	03/20/2026	10.70% - Complete
Water Activity	03/20/2026	0.536 aw - Complete
Terpenes	03/20/2026	Complete



Luke E-M

Luke Emerson-Mason
Laboratory Director
03/26/2026

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SOUR DIESEL(2)

Sample ID: BIA260318S0395
Strain: HL# 103125
Harvest Lot:
Matrix: Plant
Type: Flower - Uncured
Sample Size: 2 g
Lot#:

Produced:
Collected:
Received: 03/19/2026
Completed: 03/26/2026
Batch#:

Client:
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Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	2.749	0.275
β-Myrcene	0.010	2.357	0.236
β-Caryophyllene	0.010	2.213	0.221
β-Pinene	0.010	1.632	0.163
α-Humulene	0.010	1.298	0.130
α-Pinene	0.010	0.893	0.089
trans-Ocimene	0.010	0.311	0.031
Camphene	0.010	0.247	0.025
α-Bisabolol	0.010	0.240	0.024
Terpinolene	0.010	0.134	0.013
cis-Ocimene	0.010	0.089	0.009
Geraniol	0.010	0.053	0.005
Linalool	0.010	0.040	0.004
γ-Terpinene	0.010	0.018	0.002
Caryophyllene Oxide	0.010	0.016	0.002
α-Terpinene	0.010	0.016	0.002
3-Carene	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Eucalyptol	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		12.305	1.231

Primary Aromas



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.




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 Laboratory Director
 03/26/2026

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Sour Diesel

Sample ID: BIA260226S0542
Strain: hLOT# 103125
Harvest Lot:
Matrix: Plant
Type: Flower - Cured
Sample Size: 8.96 g
Lot#:

Produced:
Collected:
Received: 02/26/2026
Completed: 03/06/2026
Batch#:

Client
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BURLINGTON, VT 05408



Summary

Test

Date Tested

Result

Sample
Microbials

03/05/2026

Complete
Complete

Luke Emerson-Mason
Laboratory Director
03/06/2026

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Sour Diesel

Sample ID: BIA260226S0542
Strain: hLOT# 103125
Harvest Lot:
Matrix: Plant
Type: Flower - Cured
Sample Size: 8.96 g
Lot#:

Produced:
Collected:
Received: 02/26/2026
Completed: 03/06/2026
Batch#:

Client
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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



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03/06/2026

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SD GSCfc PK C(BH)

Sample ID: BIA260318S0390
Strain: hL# 103125
Harvest Lot:
Matrix: Plant
Type: Flower - Uncured
Sample Size:
Lot#:

Produced:
Collected:
Received: 03/19/2026
Completed: 03/24/2026
Batch#:

Client
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Summary

Test	Date Tested	Result
Sample		Complete
Moisture	03/20/2026	10.80% - Complete
Pesticides	03/23/2026	Complete



Luke E-M

Luke Emerson-Mason
Laboratory Director
03/24/2026

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SD GSCfc PK C(BH)

Sample ID: BIA260318S0390
 Strain: hL# 103125
 Harvest Lot:
 Matrix: Plant
 Type: Flower - Uncured
 Sample Size:
 Lot#:

Produced:
 Collected:
 Received: 03/19/2026
 Completed: 03/24/2026
 Batch#:

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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)




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 03/24/2026

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