SOUR DIESEL(15)

Sample ID: BIA251013S0362
Strain: hLOT#072525

Matrix: Plant
Type: Flower - Cured
Sample Size: 2 g
Lot#:

Produced:
Collected:
Received: 10/14/2025
Completed: 10/21/2025
Batch#:

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

Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	10/15/2025	Complete
Moisture	10/15/2025	14.20% - Complete
Water Activity	10/15/2025	0.681 aw - Complete

Cannabinoids

Completed

27.57%	0.09%	33.70%
Total THC	Total CBD	Total Cannabinoids

Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving
CBDVa	0.0003	<LOQ	<LOQ	
CBDV	0.0003	<LOQ	<LOQ	
CBDa	0.0005	0.10	1.0	
CBGa	0.0005	1.05	10.5	
CBG	0.0005	0.17	1.7	
CBD	0.0005	<LOQ	<LOQ	
THCV	0.0003	0.05	0.5	
CBLV	0.0003	0.08	0.8	
CBCV	0.0003	<LOQ	<LOQ	
THCVa	0.0003	0.28	2.8	
CBN	0.0005	<LOQ	<LOQ	

Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving
CBCVa	0.0003	<LOQ	<LOQ	
CBNa	0.0003	<LOQ	<LOQ	
Δ9-THC	0.0005	0.47	4.7	
Δ8-THC	0.0003	0.18	1.8	
Δ10-THC*	0.0002	0.16	1.6	
CBL	0.0005	<LOQ	<LOQ	
CBC	0.0003	<LOQ	<LOQ	
THCa	0.0005	30.91	309.1	
CBCa	0.0006	0.25	2.5	
CBLa	0.0005	<LOQ	<LOQ	
Total THC		**27.57**	**275.70**	
Total CBD		**0.09**	**0.85**	
Total		**33.70**	**336.99**	**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.
*The result is the sum of delta-10 isomers.

Luke Emerson-Mason
Laboratory Director
10/21/2025

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SOUR DIESEL(14)

Sample ID: BIA251013S0365
Strain: hLOT#072525

Matrix: Plant
Type: Flower - Cured
Sample Size: 2 g
Lot#: 2

Produced:
Collected:
Received: 10/14/2025
Completed: 10/21/2025
Batch#:

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

Summary

Test	Date Tested	Result
Sample		Complete
Moisture	10/15/2025	28.40% - Complete
Water Activity	10/15/2025	0.899 aw - Complete
Terpenes	10/15/2025	Complete

Luke Emerson-Mason
Laboratory Director
10/21/2025

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SOUR DIESEL(14)

Sample ID: BIA251013S0365
Strain: hLOT#072525

Matrix: Plant
Type: Flower - Cured
Sample Size: 2 g
Lot#: 2

Produced:
Collected:
Received: 10/14/2025
Completed: 10/21/2025
Batch#:

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

Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
β-Myrcene	0.010	3.777	0.378
Limonene	0.010	3.626	0.363
β-Caryophyllene	0.010	3.456	0.346
Ocimene	0.010	3.095	0.309
α-Humulene	0.010	1.601	0.160
β-Pinene	0.010	1.251	0.125
α-Pinene	0.010	0.657	0.066
Terpinolene	0.010	0.190	0.019
Camphene	0.010	0.101	0.010
α-Bisabolol	0.010	0.070	0.007
Linalool	0.010	0.030	0.003
γ-Terpinene	0.010	0.018	0.002
α-Terpinene	0.010	0.017	0.002
3-Carene	0.010	<LOQ	<LOQ
Caryophyllene Oxide	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		**17.888**	**1.789**

Primary Aromas

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
10/21/2025

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