Bia Diagnostics Laboratories

Bia Diagnostics
480 Hercules Drive Suite 101
Colchester, VT 05446

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

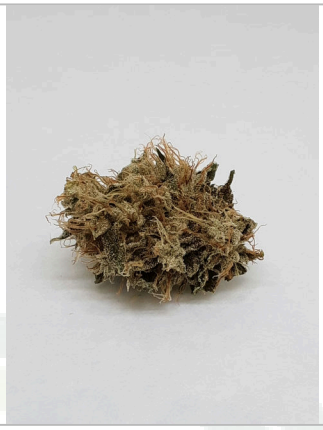
hIOT#011525HH

Sample ID: BIA250527S0022
Strain: Dope Dog (17)

Matrix: Plant
Type: Flower - Cured
Sample Size: 2.53 g
Lot#:

Produced:
Collected:
Received: 05/27/2025
Completed: 05/30/2025
Batch#:

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



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	05/29/2025	Complete
Moisture	05/28/2025	8.50% - Complete
Water Activity	05/28/2025	0.387 aw - Complete

Cannabinoids

Completed

27.64%	0.07%	32.91%
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	0.08	0.8	
CBGa	0.0005	0.49	4.9	
CBG	0.0005	0.12	1.2	
CBD	0.0005	<LOQ	<LOQ	
THCV	0.0003	<LOQ	<LOQ	
CBLV	0.0003	<LOQ	<LOQ	
CBCV	0.0003	<LOQ	<LOQ	
THCVa	0.0003	0.19	1.9	
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	0.25	2.5	
Δ8-THC	0.0003	<LOQ	<LOQ	
Δ10-THC*	0.0002	0.01	0.1	
CBL	0.0005	<LOQ	<LOQ	
CBC	0.0003	<LOQ	<LOQ	
THCa	0.0005	31.24	312.4	
CBCa	0.0006	0.54	5.4	
CBLa	0.0005	<LOQ	<LOQ	
Total THC		**27.64**	**276.43**	
Total CBD		**0.07**	**0.68**	
Total		**32.91**	**329.08**	**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
05/30/2025

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hIOT#011525HH

Sample ID: BIA250527S0027
Strain: Dope Dog (10)

Matrix: Plant
Type: Flower - Cured
Sample Size: 1.87 g
Lot#:

Produced:
Collected:
Received: 05/27/2025
Completed: 05/30/2025
Batch#:

Client
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BURLINGTON, VT 05408

Summary

Test	Date Tested	Result
Sample		Complete
Moisture	05/28/2025	8.40% - Complete
Water Activity	05/28/2025	0.378 aw - Complete
Terpenes	05/29/2025	Complete

Luke Emerson-Mason
Laboratory Director
05/30/2025

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hIOT#011525HH

Sample ID: BIA250527S0027
Strain: Dope Dog (10)

Matrix: Plant
Type: Flower - Cured
Sample Size: 1.87 g
Lot#:

Produced:
Collected:
Received: 05/27/2025
Completed: 05/30/2025
Batch#:

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BURLINGTON, VT 05408

Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	8.838	0.884
β-Myrcene	0.010	3.029	0.303
β-Caryophyllene	0.010	3.023	0.302
Ocimene	0.010	3.000	0.300
Linalool	0.010	2.005	0.200
β-Pinene	0.010	1.749	0.175
α-Humulene	0.010	1.090	0.109
α-Pinene	0.010	1.049	0.105
Camphene	0.010	0.211	0.021
Isopulegol	0.010	0.149	0.015
Terpinolene	0.010	0.143	0.014
α-Bisabolol	0.010	0.051	0.005
γ-Terpinene	0.010	0.014	0.001
α-Terpinene	0.010	0.012	0.001
Caryophyllene Oxide	0.010	0.010	0.001
3-Carene	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
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
Total		**24.373**	**2.437**

Primary Aromas

Analyst: 052
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
05/30/2025

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261 Mountain View Dr
Colchester, VT 05446
License #: TLAB0030
802-767-7256
info@onwardanalytics.biz

Certificate of Analysis

Client Name: Bern Living Organics
License Number: CLTV0089

Sample ID: VT20411
Sample Name: Dope Dog
Sample Lot: hLOT#011525hh
Sample Matrix: Flower
Date Received: 4/23/2025
Date Reported: 5/1/2025
Date Tested: 4/24/2025

Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #66630

Analyte	Result	Pass/Fail
A. Fumigatus	None Detected	PASS
A. Niger	None Detected	PASS
A. Flavus	None Detected	PASS
A. Terreus	None Detected	PASS
STEC	None Detected	PASS
Salmonella	None Detected	PASS

Callie Chapman
Lab Director
5/1/2025

Rev. 1	Initial Release

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hIOT#011525HH

Sample ID: BIA250527S0024
Strain: GSC CC DD GG4

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

Produced:
Collected:
Received: 05/27/2025
Completed: 05/30/2025
Batch#:

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Summary

Test	Date Tested	Result
Sample		Complete
Moisture	05/27/2025	Not Tested
Pesticides	05/28/2025	Complete

Luke Emerson-Mason
Laboratory Director
05/30/2025

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hIOT#011525HH

Sample ID: BIA250527S0024
Strain: GSC CC DD GG4

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

Produced:
Collected:
Received: 05/27/2025
Completed: 05/30/2025
Batch#:

Client
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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: 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 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
05/30/2025

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