

hLOT#011525HH

 Sample ID: BIA250630S0030
 Strain: GG4 (20)

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 4.52 g
 Lot#:

 Produced:
 Collected:
 Received: 06/30/2025
 Completed: 07/02/2025
 Batch#:

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


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	07/01/2025	Complete
Moisture	07/01/2025	12.00% - Complete
Water Activity	07/01/2025	0.598 aw - Complete

Cannabinoids

Completed

24.67% Total THC					0.07% Total CBD					29.47% 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	0.08	0.8		Δ 9-THC	0.0005	0.96	9.6						
CBGa	0.0005	0.79	7.9		Δ 8-THC	0.0003	0.07	0.7						
CBG	0.0005	<LOQ	<LOQ		Δ 10-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	0.12	1.2		THCa	0.0005	27.03	270.3						
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.23	2.3						
THCVa	0.0003	0.18	1.8		CBLa	0.0005	<LOQ	<LOQ						
CBN	0.0005	<LOQ	<LOQ		Total THC		24.67	246.69						
					Total CBD		0.07	0.74						
					Total		29.47	294.68	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:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

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. $\Delta 9\text{-THC MU} = \pm 0.005\%$ Total THC MU = $\pm 0.007\%$

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
 07/02/2025

 Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com


HIOT#011525HH

Sample ID: BIA250527S0029
Strain: GG4 (20)

Matrix: Plant
Type: Flower - Cured
Sample Size: 2.61 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
Moisture	05/28/2025	8.60% - Complete
Water Activity	05/28/2025	0.394 aw - Complete
Terpenes	05/28/2025	Complete



Luke E-M

Luke Emerson-Mason
Laboratory Director
05/30/2025

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



HIOT#011525HH

 Sample ID: BIA250527S0029
 Strain: GG4 (20)

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 2.61 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

Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	6.168	0.617
Ocimene	0.010	5.125	0.512
β -Myrcene	0.010	4.666	0.467
β -Caryophyllene	0.010	3.063	0.306
Linalool	0.010	1.553	0.155
β -Pinene	0.010	1.391	0.139
α -Humulene	0.010	1.259	0.126
α -Pinene	0.010	0.685	0.068
Terpinolene	0.010	0.118	0.012
Camphene	0.010	0.099	0.010
α -Bisabolol	0.010	0.034	0.003
Geraniol	0.010	0.022	0.002
γ -Terpinene	0.010	0.014	0.001
3-Carene	0.010	<LOQ	<LOQ
α -Terpinene	0.010	<LOQ	<LOQ
Caryophyllene Oxide	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		24.196	2.420

Primary Aromas

 Orange	 Earthy	 Hops	 Cinnamon	 Lavender
---	---	---	---	---

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

 Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com


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



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

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



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

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

 Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com




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: VT20408
Sample Name: GG4
Sample Lot: hLOT#011525hh
Sample Matrix: Flower
Date Received: 4/23/2025
Date Reported: 5/1/2025
Date Tested: 4/23/2025



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #66627

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
--------	-----------------

In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.

