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: 20260818-35332
Sample Name: JUGGERNAUT (6)
Sample Lot: 52
Sample Matrix: Flower
Date Received: 8/19/2026
Date Reported: 8/28/2026
Date Tested: 8/24/2026



Total Cannabinoids

	%	mg/g
Total THC:	**28.359**	**283.589**
Total CBD:	**--**	**--**
Total Cannabinoids:	**33.327**	**333.269**

Total theoretical CBD % = (CBD%) + (CBDA% * 0.877)
Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)

Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-102-OA) | Test ID: #116368

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBD	ND	ND	ND	ND	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	ND	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	1.049	10.494	0.917	9.172	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	ND	ND	ND	ND	0.0012	0.0040
D9 THC	0.419	4.190	0.366	3.662	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	31.858	318.585	27.844	278.444	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040

* Measurements of uncertainty available on request

Moisture & Water Activity — PASS

Water Activity and Moisture Content Analysis (SOP-120-OA) | Test ID: #116820

Analyte	Result (%)	Limit	Pass/Fail
Moisture	12.60	13.00	
Water Activity	0.57	0.65	PASS

Callie Chapman
Lab Director
8/28/2026

Rev. 1	Initial Release

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Certificate of Analysis

Client Name: Bern Living Organics
License Number: CLTV0089

Sample ID: 20260818-35342
Sample Name: JUGGERNAUT (6)
Sample Lot: 52
Sample Matrix: Flower
Date Received: 8/19/2026
Date Reported: 8/26/2026
Date Tested: 8/25/2026



Total Terpenes (%) : 1.7332

Dominant Terpenes (%)	
Myrcene	**0.6148**
Limonene	**0.3616**
beta-caryophyllene	**0.2355**
Linalool	**0.2267**
alpha-Humulene	**0.1072**

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-020-OA) | Test ID: #116379

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0552	0.552	0.000003	0.001
alpha-Humulene	0.1072	1.072	0.000002	0.001
alpha-Pinene	0.029	0.29	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0091	0.091	0.000004	0.001
beta-caryophyllene	0.2355	2.355	0.000004	0.001
beta-Pinene	0.0578	0.578	0.000002	0.001
Camphene	0.0089	0.089	0.000001	0.001
Caryophyllene Oxide	0.0092	0.092	0.000011	0.001
Eucalyptol	ND	ND	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	ND	ND	0.000008	0.003
Guaiol	ND	ND	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.3616	3.616	0.000002	0.001
Linalool	0.2267	2.267	0.000003	0.001
Nerolidol	0.0182	0.182	0.000007	0.001
Myrcene	0.6148	6.148	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
Total Terpenes	**1.7332**	**17.332**		

Callie Chapman
Lab Director
8/26/2026

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Certificate of Analysis

Client Name: Bern Living Organics
License Number: CLTV0089

Sample ID: 20260731-34505
Sample Name: Juggernaut
Sample Lot: 52
Sample Matrix: Flower
Date Received: 7/31/2026
Date Reported: 8/7/2026
Date Tested: 8/4/2026



Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-130-OA) | Test ID: #113818

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
8/7/2026

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Certificate of Analysis

Client Name: Bern Living Organics
License Number: CLTV0089

Sample ID: 20260818-35345
Sample Name: GSC JUG PB
Sample Lot: 52
Sample Matrix: Flower
Date Received: 8/19/2026
Date Reported: 8/26/2026
Date Tested: 8/21/2026



Pesticides — Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-009-OA) - **Limit units: ppm** | Test ID: #116419

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00687	0.02081
Abamectin B1b	Pass	ND	0.10000	0.00133	0.00405
Acephate	Pass	ND	0.10000	0.02214	0.06710
Acequinocyl	Pass	ND	0.10000	0.02276	0.06897
Azoxystrobin	Pass	ND	0.10000	0.01262	0.03825
Bifenazate	Pass	ND	0.10000	0.01232	0.03734
Bifenthrin	Pass	ND	3.00000	0.04612	0.13976
Carbaryl	Pass	ND	0.50000	0.01039	0.03149
Chlorpyrifos	Pass	ND	0.04000	0.00702	0.02128
Cypermethrin	Pass	ND	1.00000	0.02839	0.08604
Etoxazole	Pass	ND	0.10000	0.00915	0.02772
Imazalil	Pass	ND	0.04000	0.00664	0.02012
Imidacloprid	Pass	ND	5.00000	0.02001	0.06063
Myclobutanil	Pass	ND	0.10000	0.01691	0.05123
Spinosyn A	Pass	ND	0.10000	0.00632	0.01916
Spinosyn D	Pass	ND	0.10000	0.00256	0.00775
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

Callie Chapman
Lab Director
8/26/2026

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