261 Mountain View Dr
Colchester, VT 05446
License #: TLAB0030
802-767-7256
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Certificate of Analysis

Client Name: Bern Living Organics
License Number: CLTV0089

Sample ID: V79325
Sample Name: Sour Tangie (3)
Sample Lot: HL#01022-04th
Sample Matrix: Flower
Date Received: 4/18/2024
Date Reported: 4/26/2024
Date Tested: 4/23/2024

Total Cannabinoids		
	%	mg/g
Total THC:	21.597	215.968
Total CBD:	--	--
Total Cannabinoids:	25.315	253.148

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

Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-OA) | Test ID: #27551

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOQ (mg/g)	LOD (mg/g)
CBC	ND	ND	ND	ND	0.0303	0.0040
CBCA	0.1821	1.821	0.16	1.6	0.0302	0.0040
CBD	ND	ND	ND	ND	0.0308	0.0040
CBDA	ND	ND	ND	ND	0.0302	0.0040
CBDV	ND	ND	ND	ND	0.0308	0.0040
CBDVA	ND	ND	ND	ND	0.0301	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0309	0.0040
CBGA	0.5068	5.068	0.5155	5.155	0.0301	0.0040
CBN	ND	ND	ND	ND	0.0304	0.0040
CBNA	ND	ND	ND	ND	0.0302	0.0040
Δ8 THC	ND	ND	ND	ND	0.0312	0.0040
Δ9 THC	0.5696	5.696	0.5004	5.004	0.0316	0.0049
Δ10 THC	ND	ND	ND	ND	0.0304	0.0040
THCA	23.9763	239.763	21.0632	210.632	0.0302	0.0040
THCV	ND	ND	ND	ND	0.0316	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0302	0.0040

Moisture & Water Activity — PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #27602

Analyte	Result (%)	Limit	Pass/Fail
Moisture	12.15	13.00	
Water Activity	0.55	0.65	PASS

Cathy Chapman
Lab Director
4/26/2024

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Certificate of Analysis

Client Name: Bern Living Organics
License Number: CLTV0089

Sample ID: V79316
Sample Name: Sour Tangie (3)
Sample Lot: HL#01022489
Sample Matrix: Flower
Date Received: 4/18/2024
Date Reported: 4/26/2024
Date Tested: 4/22/2024

Total Terpenes (%) : 2.5649

Dominant Terpenes (%)	
beta-caryophyllene	**0.8436**
Myrcene	**0.6794**
Limonene	**0.4459**
alpha-Humulene	**0.2356**
Linalool	**0.1033**

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS), SOP-069-OA | Tested for: Ed Rosh

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000302	0.002
alpha-Bisabolol	0.0734	0.734	0.000303	0.002
alpha-Humulene	0.2356	2.356	0.000302	0.002
alpha-Pinene	0.0286	0.286	0.000301	0.002
alpha-Terpinene	ND	ND	0.000301	0.002
alpha-Terpinolene	< LOQ	< LOQ	0.000304	0.002
beta-caryophyllene	0.8436	8.436	0.000304	0.002
beta-Pinene	0.0612	0.612	0.000302	0.002
Camphene	0.0214	0.214	0.000301	0.002
Caryophyllene Oxide	0.0197	0.197	0.000311	0.002
Eucalyptol	ND	ND	0.000302	0.002
gamma-Terpinene	ND	ND	0.000302	0.002
Geraniol	ND	ND	0.000308	0.002
Guaiol	ND	ND	0.000307	0.002
Isopulegol	ND	ND	0.000305	0.002
Isopropyl Toluene	ND	ND	0.000303	0.002
Limonene	0.4459	4.459	0.000302	0.002
Linalool	0.1033	1.033	0.000303	0.002
Nerolidol	0.0528	0.528	0.000307	0.002
Myrcene	0.6794	6.794	0.000303	0.002
Ocimene	ND	ND	0.000302	0.002
Total Terpenes	**2.5649**	**25.649**		

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Lab Director
4/26/2024

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Certificate of Analysis

Client Name: Bern Living Organics
License Number: CLTV0089

Sample ID: V79333
Sample Name: HL, PN, DO, OG, ST, YC
Sample Lot: HL#01022-84h
Sample Matrix: Flower
Date Received: 4/18/2024
Date Reported: 4/26/2024
Date Tested: 4/18/2024

Pesticides — Pass

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MSMS, SOP 870.0A) - **Limit units: ppm** (LOD/LOQ: 40/20ppb)

Analyte	Pass/Fail	Results (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00944	0.03114
Abamectin B1b	Pass	ND	0.10000	0.00034	0.00112
Acephate	Pass	ND	0.10000	0.00404	0.01333
Acequinocyl	Pass	ND	0.10000	0.02921	0.09316
Acetamiprid	Pass	ND	0.10000	0.00298	0.00983
Bifenazate	Pass	ND	0.10000	0.00129	0.00427
Bifenthrin	Pass	ND	3.00000	0.01005	0.03317
Carbaryl	Pass	ND	0.50000	0.00402	0.01326
Chlorpyrifos	Pass	ND	0.04000	0.00403	0.01326
Cypermethrin	Pass	ND	1.00000	0.01010	0.03333
Etoxazole	Pass	ND	0.10000	0.00404	0.01333
Imazalil	Pass	ND	0.04000	0.01073	0.03539
Imidacloprid	Pass	ND	5.00000	0.00401	0.01323
Myclobutanil	Pass	ND	0.10000	0.00308	0.01016
Spinosyn A	Pass	ND	0.10000	0.00312	0.01029
Spinosyn D	Pass	ND	0.10000	0.00083	0.00273
Pyrethrins	Pass	ND	0.50000	0.00022 *	0.00072 *
				0.00456 *	0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

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Lab Director
4/26/2024

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ONWARD ANALYTICS
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Certificate of Analysis

Client Name: Berri Living Organics
License Number: CLTV0089

Sample ID: VT9318
Sample Name: Sour Tangie (3)
Sample Lot: HL#01022HH
Sample Matrix: Flower
Date Received: 4/18/2024
Date Reported: 4/26/2024
Date Tested: 4/19/2024

Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-204-GA) | Test ID: 4213561

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

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Lab Director
4/26/2024

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