



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: VT12190
Sample Name: Sour Tangie (104 4)
Sample Lot: HL#051224SH
Sample Matrix: Flower
Date Received: 8/8/2024
Date Reported: 8/15/2024
Date Tested: 8/9/2024



Total Cannabinoids		
	%	mg/g
Total THC:	22.936	229.361
Total CBD:	--	--
Total Cannabinoids:	26.867	268.669

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-024-OA) | Test ID: #37056

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	0.7749	7.749	0.6887	6.887	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	0.4344	4.344	0.3861	3.861	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	25.6576	256.576	22.8019	228.019	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040

Moisture & Water Activity PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #37057

Analyte	Result (%)	Limit	Pass/Fail
Moisture	11.13	13.00	
Water Activity	0.48	0.65	PASS

Callie Chapman

Callie Chapman
 Lab Director
 8/15/2024

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Certificate of Analysis

Client Name: Bern Living Organics
License Number: CLTV0089

Sample ID: VT12187
Sample Name: Sour Tangie (104 4)
Sample Lot: HL#051224SH
Sample Matrix: Flower
Date Received: 8/8/2024
Date Reported: 8/15/2024
Date Tested: 8/12/2024



Total Terpenes (%) : 2.1084

Dominant Terpenes (%)	
beta-caryophyllene	0.8346
Limonene	0.341
Myrcene	0.3378
alpha-Humulene	0.3107
Linalool	0.0837

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #37053

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0645	0.645	0.000003	0.001
alpha-Humulene	0.3107	3.107	0.000002	0.001
alpha-Pinene	0.0249	0.249	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	< LOQ	< LOQ	0.000004	0.001
beta-caryophyllene	0.8346	8.346	0.000004	0.001
beta-Pinene	0.0468	0.468	0.000002	0.001
Camphene	0.0085	0.085	0.000001	0.001
Caryophyllene Oxide	0.0066	0.066	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	0.341	3.41	0.000002	0.001
Linalool	0.0837	0.837	0.000003	0.001
Nerolidol	0.0493	0.493	0.000007	0.001
Myrcene	0.3378	3.378	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
Total Terpenes	2.1084	21.084		



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 Lab Director
 8/15/2024

Rev. 1 Initial Release

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Certificate of Analysis

Client Name: Bern Living Organics
License Number: CLTV0089

Sample ID: VT12184
Sample Name: Sour Tangie (1)
Sample Lot: HL#051224SH
Sample Matrix: Flower
Date Received: 8/8/2024
Date Reported: 8/14/2024
Date Tested: 8/9/2024



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #37050

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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