



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: VT5967
Sample Name: Sour Tangie
Sample Lot: 082323SH
Sample Matrix: Flower
Date Received: 12/15/2023
Date Reported: 12/21/2023
Date Tested: 12/20/2023



Total Cannabinoids		
	%	mg/g
Total THC:	21.862	218.624
Total CBD:	--	--
Total Cannabinoids:	25.203	252.029

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: #17190

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	0.3648	3.648	0.3254	3.254	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	0.6458	6.458	0.576	5.76	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	24.1923	241.923	21.5795	215.795	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: #17191

Analyte	Result (%)	Limit	Pass/Fail
Moisture	10.80	13.00	
Water Activity	0.47	0.65	PASS

Callie Chapman
 Lab Director
 12/21/2023

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.





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Total Terpenes (%) : 3.2164

Dominant Terpenes (%)	
beta-caryophyllene	0.8966
Myrcene	0.7596
Limonene	0.6541
alpha-Humulene	0.2542
Linalool	0.2011

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #17192

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.131	1.31	0.000003	0.002
alpha-Humulene	0.2542	2.542	0.000002	0.002
alpha-Pinene	0.0504	0.504	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	0.0127	0.127	0.000004	0.002
beta-caryophyllene	0.8966	8.966	0.000004	0.002
beta-Pinene	0.0983	0.983	0.000002	0.002
Camphene	0.029	0.29	0.000001	0.002
Caryophyllene Oxide	0.0487	0.487	0.000011	0.002
Cineole	ND	ND	0.000002	0.002
gamma-Terpinene	ND	ND	0.000002	0.002
Geraniol	ND	ND	0.000008	0.002
Guaiol	ND	ND	0.000007	0.002
Isopulegol	ND	ND	0.000005	0.002
Isopropyl Toluene	ND	ND	0.000003	0.002
Limonene	0.6541	6.541	0.000002	0.002
Linalool	0.2011	2.011	0.000003	0.002
Nerolidol	0.0807	0.807	0.000007	0.002
Myrcene	0.7596	7.596	0.000003	0.002
Ocimene	ND	ND	0.000002	0.002
Total Terpenes	3.2164	32.164		

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