



261 Mountain View Dr
 Colchester, VT 05446
 License #: TLAB0030
 802-767-7256
 info@onwardanalytics.biz

Certificate of Analysis

Client Name: Somewhere on the Mountain
License Number: MANU0041

Sample ID: VT4105
Sample Name: Sour D Runtz
Sample Lot: CLTV-0091-2-1
Sample Matrix: Flower
Date Received: 10/13/2023
Date Reported: 10/18/2023
Date Tested: 10/17/2023



Total Cannabinoids		
	%	mg/g
Total THC:	23.861	238.609
Total CBD:	--	--
Total Cannabinoids:	29.103	291.033

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: #10282

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.324	3.24	0.287	2.87	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	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	ND	ND	ND	ND	0.0009	0.0040
CBGA	1.6237	16.237	1.4382	14.382	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	0.3697	3.697	0.3274	3.274	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	26.7859	267.859	23.7269	237.269	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: #10283

Analyte	Result (%)	Limit	Pass/Fail
Moisture	11.42	13.00	
Water Activity	0.51	0.65	PASS

Callie Chapman
 Lab Director
 10/18/2023

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Total Terpenes (%) : 2.4756

Dominant Terpenes (%)	
trans-Caryophyllene	1.0932
Limonene	0.4548
alpha-Humulene	0.3289
Myrcene	0.177
alpha-Bisabolol	0.131

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #10284

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.003	0.009
alpha-Bisabolol	0.131	1.31	0.005	0.014
alpha-Humulene	0.3289	3.289	0.003	0.009
alpha-Pinene	0.0741	0.741	0.004	0.013
alpha-Terpinene	ND	ND	0.004	0.025
alpha-Terpinolene	< LOQ	< LOQ	0.005	0.014
beta-Pinene	0.0965	0.965	0.004	0.013
Camphene	< LOQ	< LOQ	0.003	0.009
Caryophyllene Oxide	ND	ND	0.006	0.017
Cineole	< LOQ	< LOQ	0.003	0.009
gamma-Terpinene	ND	ND	0.005	0.015
Geraniol	ND	ND	0.011	0.034
Guaiol	ND	ND	0.003	0.009
Isopulegol	ND	ND	0.004	0.012
Isopropyl Toluene	ND	ND	0.005	0.016
Limonene	0.4548	4.548	0.004	0.012
Linalool	0.1201	1.201	0.005	0.014
Nerolidol	< LOQ	< LOQ	0.011	0.034
Myrcene	0.177	1.77	0.004	0.014
Ocimene	< LOQ	< LOQ	0.004	0.012
trans-Caryophyllene	1.0932	10.932	0.004	0.013
Total Terpenes	2.4756	24.756		

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 Lab Director
 10/19/2023

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Client Name: Somewhere on the Mountain
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Sample ID: VT4108
Sample Name: HL0091-2: SDR, GG, MCH
Sample Lot: CLTV-0091-2
Sample Matrix: Flower
Date Received: 10/13/2023
Date Reported: 10/18/2023
Date Tested: 10/16/2023



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #10289

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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Date Tested: 10/19/2023



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #10288

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00156	0.01560
Abamectin B1b	Pass	ND	0.10000	0.00006	0.00060
Acephate	Pass	ND	0.10000	0.00168	0.01680
Acequinocyl	Pass	ND	0.10000	0.00167	0.01670
Azoxystrobin	Pass	ND	0.10000	0.00168	0.01680
Bifenazate	Pass	ND	0.10000	0.00167	0.01670
Bifenthrin	Pass	ND	3.00000	0.00167	0.01670
Carbaryl	Pass	ND	0.50000	0.00167	0.01670
Chlorpyrifos	Pass	ND	0.04000	0.00167	0.01670
Cypermethrin	Pass	ND	1.00000	0.00168	0.01680
Etoxazole	Pass	ND	0.10000	0.00168	0.01680
Imazalil	Pass	ND	0.04000	0.00167	0.01670
Imidacloprid	Pass	ND	5.00000	0.00166	0.01660
Myclobutanil	Pass	ND	0.10000	0.00167	0.01670
Spinosyn A	Pass	ND	0.10000	0.00120	0.01199
Spinosyn D	Pass	ND	0.10000	0.00042	0.00415
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

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