



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

Certificate of Analysis

Client Name: X-Tract VT
License Number: MANU-0008

Sample ID: VT5100
Sample Name: Rosie's Caramel
Sample Lot: MANU0008-28-8
Sample Matrix: Edibles
Date Received: 11/15/2023
Date Reported: 11/16/2023
Date Tested: 11/16/2023



Total Cannabinoids			
	%	mg/g	mg/unit
Total THC:	0.112	1.121	4.466
Total CBD:	--	--	0.000
Total Cannabinoids:	0.191	1.914	7.625
Unit Weight (g): 3.984			

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: #14142

Analyte	%	mg/g	mg/unit	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	0.0003	0.0040
CBCA	ND	ND	ND	0.0002	0.0040
CBD	ND	ND	ND	0.0008	0.0040
CBDA	ND	ND	ND	0.0002	0.0040
CBDV	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	0.0001	0.0040
CBG	0.0056	0.056	0.22	0.0009	0.0040
CBGA	ND	ND	ND	0.0001	0.0040
CBN	0.0111	0.111	0.44	0.0004	0.0040
CBNA	ND	ND	ND	0.0002	0.0040
D8 THC	0.0047	0.047	0.19	0.0012	0.0040
D9 THC	0.1121	1.121	4.47	0.0016	0.0049
D10 THC	0.0579	0.579	2.31	0.0004	0.0040
THCA	ND	ND	ND	0.0002	0.0040
THCV	ND	ND	ND	0.0016	0.0049
THCVA	ND	ND	ND	0.0002	0.0040

Callie Chapman
 Lab Director
 11/16/2023

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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Certificate of Analysis

Client Name: X-Tract VT
License Number: MANU-0008

Sample ID: VT2443
Sample Name: Full Circle Distillate
Sample Lot: MANU0008-28
Sample Matrix: Solvent Extraction Concentrates
Date Received: 7/17/2023
Date Reported: 7/24/2023
Date Tested: 7/20/2023



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #4823

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	0.00011	0.00110
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	0.00072
				0.00498 *	0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

Callie Chapman
 Lab Director
 7/24/2023

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Certificate of Analysis

Client Name: X-Tract VT
License Number: MANU-0008

Sample ID: VT211
Sample Name: Concentrate 68-78%
Sample Lot: MANU 008-28
Sample Matrix: Solvent Extraction Concentrates
Date Received: 12/8/2022
Date Reported: 3/16/2023



Heavy Metals Pass

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-VT) - **Limit units: µg/kg** | Test ID: #719

Analyte	Pass/Fail	Result (ug/kg)	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	PASS	ND	1.500	0.00130	0.050
Cadmium	PASS	ND	0.500	0.00002	0.050
Lead	PASS	ND	1.000	0.00095	0.050
Mercury	PASS	ND	1.500	0.00020	0.050

Callie Chapman
 Lab Director
 3/16/2023



In performing the services, Steep Hill Vermont Labs, ("SHVT") 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 SHVT to make judgements based upon limited data rather than upon scientific certainties; (b) SHVT's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) SHVT renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with SHVT's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by SHVT or other parties), and reliance upon any SHVT report without reference to any such other reports is done at client's sole risk.





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Sample ID: VT211
Sample Name: Concentrate 68-78%
Sample Lot: MANU 008-28
Sample Matrix: Solvent Extraction Concentrates
Date Received: 12/8/2022
Date Reported: 3/29/2023



Residual Solvents Pass

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS; SOP-010-VT) - **Limit units: µg/g** | Test ID: #429

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Acetone	Pass	< LOQ	5000.000	1.000	4.000
Acetonitrile	Pass	< LOQ	410.000	3.000	12.000
Benzene	Pass	< LOQ	2.000	0.200	0.900
Chloroform	Pass	< LOQ	60.000	3.000	10.000
Ethanol	Pass	< LOQ	5000.000	15.000	50.000
Heptanes (total)	Pass	< LOQ	5000.000	15.000	50.000
Hexanes (total)	Pass	< LOQ	290.000	5.000	16.000
Isopropyl Alcohol	Pass	< LOQ	5000.000	15.000	50.000
Methanol	Pass	< LOQ	3000.000	15.000	50.000
Methylene Chloride	Pass	< LOQ	600.000	7.000	22.000
Toluene	Pass	< LOQ	890.000	12.000	18.000
Xylenes	Pass	< LOQ	2170.000	15.000	50.000

Callie Chapman
 Lab Director
 3/29/2023



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