



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: OA1653
Sample Name: Salted Maple Caramels
Sample Lot: MANU0008-80-7
Sample Matrix: Edibles
Date Received: 5/12/2023
Date Reported: 5/16/2023



Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-OA) | Test ID: #3160

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBDV	ND	ND	0.0008	0.0040
CBDVA	ND	ND	0.0001	0.0040
THCV	ND	ND	0.0016	0.0049
CBDA	ND	ND	0.0002	0.0040
CBD	ND	ND	0.0008	0.0040
CBG	< LOQ	< LOQ	0.0009	0.0040
CBGA	ND	ND	0.0001	0.0040
THCVA	ND	ND	0.0002	0.0040
CBN	ND	ND	0.0004	0.0040
CBCVA	ND	ND	0.0004	0.0040
D9 THC	0.062	0.62	0.0016	0.0049
D8 THC	ND	ND	0.0012	0.0040
CBNA	ND	ND	0.0002	0.0040
D10 THC	< LOQ	< LOQ	0.0004	0.0040
CBC	ND	ND	0.0003	0.0040
THCA	ND	ND	0.0002	0.0040
BCA	ND	ND	0.0002	0.0040

Total Cannabinoids		
	%	mg/g
Total THC:	0.062	0.620
Total Cannabinoids:	0.062	0.620
Unit Weight (g): 6.9391		

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

Holly Heimsath

Holly Heimsath
 QA Manager
 5/16/2023

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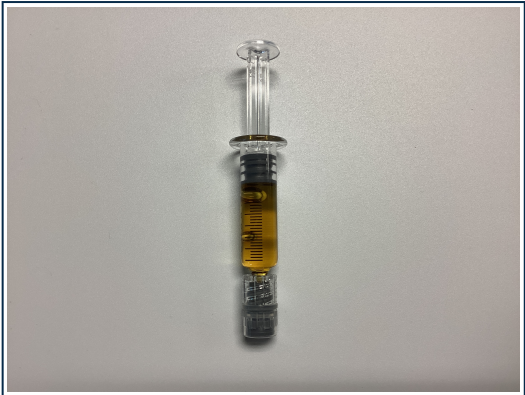


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Sample ID: VT1271
Sample Name: KNR
Sample Lot: MANU0008-80
Sample Matrix: Solvent Extraction Concentrates
Date Received: 4/6/2023
Date Reported: 4/13/2023



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #2339

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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Heavy Metals PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) - **Limit units: µg/kg** | Test ID: #2338

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

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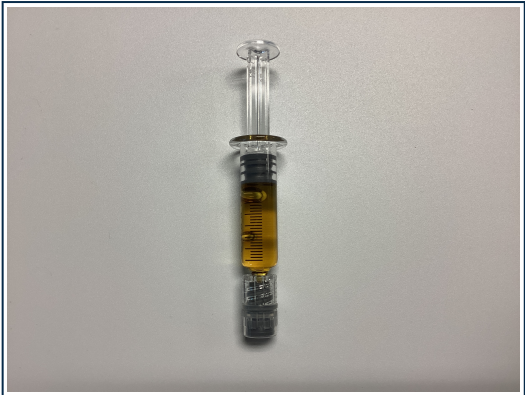


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Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #2337

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	< LOQ	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 *

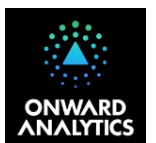
* Pyrethrins action limit represents sum of isomers I & II

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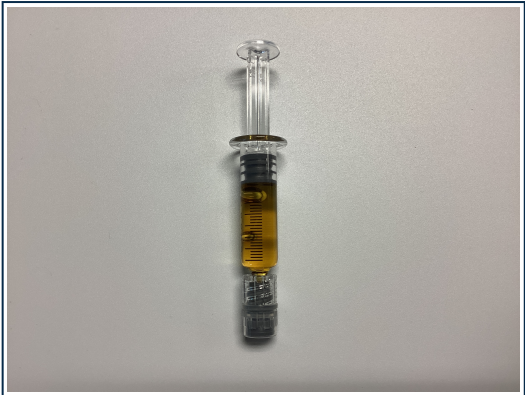


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Residual Solvents Pass

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS; SOP-010-0A) - **Limit units: µg/g** | Test ID: #2336

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

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