



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

Certificate of Analysis

Client Name: Roofland Cannabis
License Number: SCLT0135 MANU0067

Sample ID: VT10532
Sample Name: Sour Strudel
Sample Lot: 10
Sample Matrix: Flower
Date Received: 6/5/2024
Date Reported: 6/12/2024
Date Tested: 6/7/2024



Total Cannabinoids		
	%	mg/g
Total THC:	20.942	209.420
Total CBD:	--	--
Total Cannabinoids:	25.144	251.440

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: #31490

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOQ (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.1983	1.983	0.1737	1.737	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	1.2574	12.574	1.1017	11.017	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0012	0.0040
D9 THC	1.3608	13.608	1.1924	11.924	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	22.3275	223.275	19.5634	195.634	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: #31491

Analyte	Result (%)	Limit	Pass/Fail
Moisture	12.38	13.00	
Water Activity	0.56	0.65	PASS

Holly Hammett
 Holly Hammett
 QA Manager
 6/12/2024

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Certificate of Analysis

Client Name: Rootland Cannabis
License Number: SCLT0135 MANU0067

Sample ID: VT10951
Sample Name: Sour Strudel
Sample Lot: HL10-PL2
Sample Matrix: Flower
Date Received: 6/24/2024
Date Reported: 7/1/2024
Date Tested: 6/25/2024



Pathogens

PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #32873

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

Chapman
 3/24

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Certificate of Analysis

Client Name: Roofland Cannabis
License Number: SCLT0135 MANU0067

Sample ID: VT10533
Sample Name: HL- SS, PK
Sample Lot: 10
Sample Matrix: Flower
Date Received: 6/5/2024
Date Reported: 6/12/2024
Date Tested: 6/6/2024



Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MS/MS; SOP-070-OA) - Limit units: ppm Text ID: #31503

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00944	0.03114
Abamectin B1b	Pass	ND	0.10000	0.00034	0.00113
Acephate	Pass	ND	0.10000	0.00404	0.01333
Acequinocyl	Pass	ND	0.10000	0.02821	0.09310
Azoxystrobin	Pass	ND	0.10000	0.00298	0.00983
Bifenazate	Pass	ND	0.10000	0.00129	0.00427
Bifenthrin	Pass	ND	3.00000	0.01005	0.03317
Carbaryl	Pass	ND	0.50000	0.00402	0.01325
Chlorpyrifos	Pass	< LOQ	0.04000	0.00403	0.01329
Cypermethrin	Pass	ND	1.00000	0.01010	0.03333
Etoxazole	Pass	ND	0.10000	0.00404	0.01333
Imazalil	Pass	ND	0.04000	0.01073	0.03539
Imidacloprid	Pass	ND	5.00000	0.00401	0.01323
Myclobutanil	Pass	ND	0.10000	0.00308	0.01016
Spinosyn A	Pass	ND	0.10000	0.00312	0.01029
Spinosyn D	Pass	ND	0.10000	0.00083	0.00273
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

Holly Hummer

Holly Hummer
QA Manager
6/12/2024

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Certificate of Analysis

Client Name: Rootland Cannabis
License Number: SCLT0135 MANU0067

Sample ID: VT6808
Sample Name: Sour Strudel
Sample Lot: HL7-PL1
Sample Matrix: Flower
Date Received: 1/22/2024
Date Reported: 1/29/2024
Date Tested: 1/23/2024



Total Terpenes (%) : 3.6635

Dominant Terpenes (%)

Terpene	Percentage (%)
Limonene	1.4045
Myrcene	1.0194
beta-caryophyllene	0.4713
beta-Pinene	0.1887
alpha-Pinene	0.1556

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #19961

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.002
alpha-Bisabolol	0.0934	0.934	0.000003	0.002
alpha-Humulene	0.1092	1.092	0.000002	0.002
alpha-Pinene	0.1556	1.556	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	ND	ND	0.000004	0.002
beta-caryophyllene	0.4713	4.713	0.000004	0.002
beta-Pinene	0.1887	1.887	0.000002	0.002
Camphene	0.0166	0.166	0.000001	0.002
Caryophyllene Oxide	ND	ND	0.000011	0.002
Eucalyptol	ND	ND	0.000002	0.002
gamma-Terpinene	ND	ND	0.000002	0.002
Geraniol	0.0343	0.343	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	1.4045	14.045	0.000002	0.002
Linalool	0.1263	1.263	0.000003	0.002
Nerolidol	< LOQ	< LOQ	0.000007	0.002
Myrcene	1.0194	10.194	0.000003	0.002
Ocimene	0.0442	0.442	0.000002	0.002
Total Terpenes	3.6635	36.635		

Gabe Chamberlain
Lab Director
1/29/2024

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