



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

Certificate of Analysis

Client Name: Green Mountain Dreams LLC
License Number: SCLT0118

Sample ID: VT12292
Sample Name: Pistachio #2
Sample Lot: SCLT0118-015-1
Sample Matrix: Flower
Date Received: 8/12/2024
Date Reported: 8/15/2024
Date Tested: 8/14/2024



Total Cannabinoids		
	%	mg/g
Total THC:	24.685	246.854
Total CBD:	--	--
Total Cannabinoids:	28.861	288.610

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: #37396

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.4553	4.553	0.3997	3.997	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	0.8085	8.085	0.7098	7.098	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
D8 THC	ND	ND	ND	ND	0.0012	0.0040
D9 THC	3.9241	39.241	3.4449	34.449	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	23.6731	236.731	20.7826	207.826	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: #37852

Analyte	Result (%)	Limit	Pass/Fail
Moisture	12.21	13.00	PASS
Water Activity	0.55	0.65	

Callie Chapman

Callie Chapman
Lab Director
8/15/2024

Rev. 1 Initial Release


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 **Client Name:** Green Mountain Dreams LLC
License Number: SCLT0118

 **Sample ID:** VT11469
Sample Name: Pistachio
Sample Lot: SCLT0118-15-1
Sample Matrix: Flower
Date Received: 7/17/2024
Date Reported: 7/26/2024
Date Tested: 7/24/2024

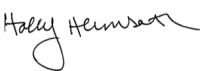


Pathogens

PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #34796

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


Holly Heimsath
QA Manager
7/26/2024

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Client Name: Green Mountain Dreams LLC

License Number: SCLT0118



Sample ID: VT11469

Sample Name: Pistachio

Sample Lot: SCLT0118-15-1

Sample Matrix: Flower

Date Received: 7/17/2024

Date Reported: 7/26/2024

Date Tested: 7/18/2024



Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #34794

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	ND	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

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Sample ID: VT11469

Sample Name: Pistachio

Sample Lot: SCLT0118-15-1

Sample Matrix: Flower

Date Received: 7/17/2024

Date Reported: 7/26/2024

Date Tested: 7/19/2024



Total Terpenes (%) : 2.8502

Dominant Terpenes (%)

Myrcene	1.3134
alpha-Pinene	0.8564
beta-Pinene	0.192
beta-caryophyllene	0.1767
alpha-Humulene	0.0919

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #34795

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.076	0.76	0.000003	0.001
alpha-Humulene	0.0919	0.919	0.000002	0.001
alpha-Pinene	0.8564	8.564	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	ND	ND	0.000004	0.001
beta-caryophyllene	0.1767	1.767	0.000004	0.001
beta-Pinene	0.192	1.92	0.000002	0.001
Camphene	0.0125	0.125	0.000001	0.001
Caryophyllene Oxide	0.0054	0.054	0.000011	0.001
Eucalyptol	< LOQ	< LOQ	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	ND	ND	0.000008	0.003
Guaiol	ND	ND	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	ND	ND	0.000002	0.001
Linalool	0.0387	0.387	0.000003	0.001
Nerolidol	0.013	0.13	0.000007	0.001
Myrcene	1.3134	13.134	0.000003	0.001
Ocimene	0.0742	0.742	0.000002	0.001
Total Terpenes	2.8502	28.502		

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