



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

Certificate of Analysis



Client Name: Green Mountain Scientific Corp.
License Number: MANU0019



Sample ID: VT16687
Sample Name: 5MG-3G Mango Habanero Gummy Squares
- Pectin
Sample Lot: MANU001923D312601
Sample Matrix: Gummy
Date Received: 12/16/2024
Date Reported: 12/23/2024
Date Tested: 12/17/2024



Total Cannabinoids			
	%	mg/g	mg/unit
Total THC:	0.180	1.804	5.579
Total CBD:	--	--	0.000
Total Cannabinoids:	0.199	1.986	6.142
Unit Weight (g): 3.0924			

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: #54043

Analyte	%	mg/g	mg/unit	LOD (mg/g)	LOQ (mg/g)
CBC	< LOQ	< LOQ	<LOQ	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	0.0058	0.058	0.18	0.0009	0.0040
CBGA	ND	ND	ND	0.0001	0.0040
CBN	0.0037	0.037	0.11	0.0004	0.0040
CBNA	ND	ND	ND	0.0002	0.0040
D8 THC	< LOQ	< LOQ	<LOQ	0.0012	0.0040
D9 THC	0.1804	1.804	5.58	0.0016	0.0049
D10 THC	0.0034	0.034	0.11	0.0004	0.0040
THCA	ND	ND	ND	0.0002	0.0040
THCV	0.0053	0.053	0.16	0.0016	0.0049
THCVA	ND	ND	ND	0.0002	0.0040

Callie Chapman

Callie Chapman
Lab Director
12/23/2024

Rev. 1 Initial Release

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Client Name: Green Mountain Scientific Corp.

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Sample ID: VT5469

Sample Name: Type I-THC Distillate 50002

Sample Lot: MANU001923D31

Sample Matrix: Solvent Extraction Concentrates

Date Received: 12/1/2023

Date Reported: 12/8/2023

Date Tested: 12/7/2023



Total Cannabinoids

	%	mg/g
Total THC:	71.773	717.731
Total CBD:	--	--
Total Cannabinoids:	75.983	759.833

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: #15427

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	< LOQ	< LOQ	0.0003	0.0040
CBCA	ND	ND	0.0002	0.0040
CBD	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	0.0002	0.0040
CBDV	ND	ND	0.0008	0.0040
CBDVA	ND	ND	0.0001	0.0040
CBG	1.6663	16.663	0.0009	0.0040
CBGA	ND	ND	0.0001	0.0040
CBN	< LOQ	< LOQ	0.0004	0.0040
CBNA	ND	ND	0.0002	0.0040
D8 THC	1.1942	11.942	0.0012	0.0040
D9 THC	71.7731	717.731	0.0016	0.0049
D10 THC	< LOQ	< LOQ	0.0004	0.0040
THCA	< LOQ	< LOQ	0.0002	0.0040
THCV	1.3497	13.497	0.0016	0.0049
THCVA	ND	ND	0.0002	0.0040

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Client Name: Green Mountain Scientific Corp.

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Sample ID: VT5469

Sample Name: Type I-THC Distillate 50002

Sample Lot: MANU001923D31

Sample Matrix: Solvent Extraction Concentrates

Date Received: 12/1/2023

Date Reported: 12/8/2023

Date Tested: 12/7/2023



Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) - **Limit units: ppm** | Test ID: #15430

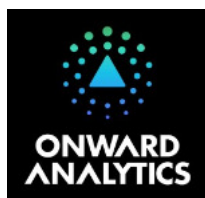
Analyte	Pass/Fail	Result (ppm)	Limit (ppm)	LOD (ppm)	LOQ (ppm)
Arsenic	PASS	< LOQ	1.500	0.0000260	0.00050
Cadmium	PASS	< LOQ	0.500	0.0000004	0.00050
Lead	PASS	< LOQ	1.000	0.0000190	0.00050
Mercury	PASS	< LOQ	1.500	0.0000039	0.00050

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License Number: MANU0019

Sample ID: VT5469
Sample Name: Type I-THC Distillate 50002
Sample Lot: MANU001923D31
Sample Matrix: Solvent Extraction Concentrates
Date Received: 12/1/2023
Date Reported: 12/8/2023
Date Tested: 12/6/2023



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: #15428

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Acetone	Pass	< LOQ	5000.000	17.008	51.538
Acetonitrile	Pass	< LOQ	410.000	4.017	12.172
Benzene	Pass	< LOQ	2.000	0.163	0.495
Chloroform	Pass	< LOQ	60.000	0.489	1.482
Ethanol	Pass	< LOQ	5000.000	44.183	133.887
Heptanes (total)	Pass	< LOQ	5000.000	62.270	188.696
Hexanes (total)	Pass	< LOQ	290.000	1.322	4.005
Isopropyl Alcohol	Pass	< LOQ	5000.000	2.364	7.162
Methanol	Pass	< LOQ	3000.000	27.126	82.201
Methylene Chloride	Pass	< LOQ	600.000	4.046	12.260
Toluene	Pass	< LOQ	890.000	6.317	19.143
Xylenes (total)	Pass	< LOQ	2170.000	19.426 14.858 *	58.868 45.024 *

Additional Solvent Analytes					
Propane	Pass	< LOQ	5000.000	110.712	335.490
2-Methylpropane	Pass	< LOQ	5000.000	150.773	456.887
2,2-Dimethylbutane	Pass	< LOQ	5000.000	2.869	8.693
2,3-Dimethylbutane	Pass	< LOQ	5000.000	1.944	5.892
n-Butane	Pass	< LOQ	5000.000	152.350	461.667
2-Methylpentane	Pass	< LOQ	5000.000	1.664	5.042
3-Methylpentane	Pass	< LOQ	5000.000	2.056	6.231
Isopentane	Pass	< LOQ	5000.000	137.828	417.661
n-Pentane	Pass	< LOQ	5000.000	136.677	414.172
Neopentane	Pass	< LOQ	5000.000	28.431	86.154

* Xylenes action limit represents sum of m,p-Xylene and o-Xylene

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Sample Name: Type I-THC Distillate 50002

Sample Lot: MANU001923D31

Sample Matrix: Solvent Extraction Concentrates

Date Received: 12/1/2023

Date Reported: 12/8/2023

Date Tested: 12/7/2023



Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #15429

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

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Certificate of Analysis

Company: Green Mountain Ganja Guys 2728 US Rt 7N Rutland, VT 05701 Customer ID: 221027-2 Grower License #: CLVT0032	Sample ID: Harvest Lot Lot: N/A Matrix: Flower Date Sampled: 10/27/2022 Date Received: 10/27/2022	Report Date: 11/16/2022 Date Analyzed: 11/16/2022 Analyst: 018 Report ID: C221027AR
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Pathogen Summary

Target Pathogens	Method	LOD (cfu/g)	Result (cfu/g)
Aspergillus - flavus, fumigatus, niger, terreus	Aspergillus AOAC PTM No. 032104	5	<LOD
STEC	STEC Virx AOAC PTM No. 121203	5	<LOD
Salmonella spp.	Salmonella II AOAC PTM No. 010803	5	<LOD



Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by: 
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)