

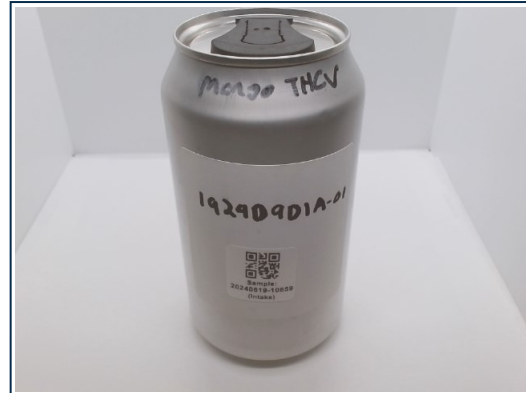


261 Mountain View Dr
Colchester, VT 05446
License #: TLAB0030
802-767-7256
info@onwardanalytics.biz

Certificate of Analysis

Client Name: Clean Cannabis Company
License Number: CLTV0090 MANU0045

Sample ID: VT10859
Sample Name: Mango Wuder
Sample Lot: 19242090201A-01
Sample Matrix: Beverages
Date Received: 6/20/2024
Date Reported: 7/8/2024
Date Tested: 6/24/2024



Total Cannabinoids

	%	mg/g	mg/mL	mg/unit
Total THC:	0.003	0.031	0.032	10.880
Total CBD:	--	--	--	0.000
Total Cannabinoids:	0.005	0.046	0.047	15.980
Unit Volume (mL): 340				

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: #32530

Analyte	%	mg/g	mg/mL	mg/unit	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	ND	ND	ND	ND	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	<LOQ	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	ND	ND	ND	ND	0.0001	0.0040
CBN	< LOQ	< LOQ	< LOQ	<LOQ	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	ND	ND	ND	ND	0.0012	0.0040
D9 THC	0.0031	0.031	0.032	10.88	0.0016	0.0049
D10 THC	< LOQ	< LOQ	< LOQ	<LOQ	0.0004	0.0040
THCA	ND	ND	ND	ND	0.0002	0.0040
THCV	0.0015	0.015	0.015	5.10	0.0016	0.0049
THCVA	ND	ND	ND	ND	0.0002	0.0040

Callie Chapman

Callie Chapman
Lab Director
7/8/2024

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NanoGx-50-Ing

 Sample ID: BIA240430S0015
 Strain: Blend

 Matrix: Ingestible
 Type: Tincture
 Sample Size: 3.6 g
 Lot#: 19242080101

 Produced:
 Collected:
 Received: 04/30/2024
 Completed: 05/07/2024
 Batch#:

 Client
Green Mountain Scientific Corp.
 Lic. # MANU0019
 PO Box 699
 Morrisville, VT 05661


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	05/02/2024	Complete

Cannabinoids

Completed

47.49 mg/serving Total THC			0.30 mg/serving Total CBD			55.19 mg/serving Total Cannabinoids		
Analyte	LOQ	Results	Results	Mass	Mass			
	%	%	mg/g	mg/serving	mg/container			
CBDVa	0.0001	<LOQ	<LOQ	<LOQ				
CBDV	0.0001	<LOQ	<LOQ	<LOQ				
CBDa	0.0001	<LOQ	<LOQ	<LOQ				
CBGa	0.0001	<LOQ	<LOQ	<LOQ				
CBG	0.0002	0.28	2.8	2.84				
CBD	0.0002	0.03	0.3	0.30				
THCV	0.0002	0.30	3.0	3.00				
CBN	0.0001	0.06	0.6	0.59				
Δ9-THC	0.0002	4.75	47.5	47.49				
Δ8-THC	0.0002	0.06	0.6	0.62				
THCa	0.0003	<LOQ	<LOQ	<LOQ				
CBC	0.0002	0.03	0.3	0.34				
Total THC		4.75	47.49	47.49				
Total CBD		0.03	0.30	0.30				
Total		5.52	55.19	55.19	0.00			

Analyst: 056

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

Blanks: < LOQs for all analytes

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

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.




 Luke Emerson-Mason
 Laboratory Director
 05/07/2024

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Certificate of Analysis

Company: Green Mountain Scientific Corp. PO Box 699 Morrisville, VT 05661 Customer ID: 220908-01 Grower License #: MANU0019	Sample ID: Type I THC CO2 Distillate Lot: 1924208 Matrix: Distillate Date Sampled: N/A Date Received: 4/22/2024	Report Date: 4/29/2024 Date Analyzed: 4/26/2024 Analyst: 057 Report ID: C240422AK
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Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	<LOQ	<LOQ
CBGA	0.0008	<LOQ	<LOQ
CBG	0.0019	21.04	2.10
CBD	0.0019	25.11	2.51
THCV	0.0021	23.96	2.40
CBN	0.0013	4.51	0.45
Δ9-THC	0.0020	766.87	76.69
Δ8-THC	0.0019	11.53	1.15
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	3.74	0.37
Total THC		766.87	76.69
Total CBD		25.11	2.51
Total Cannabinoids		856.77	85.68

76.69% Total THC	2.51% Total CBD
85.68% Total Cannabinoids	76.69% Δ9-THC
N/A Percent Moisture	1 : 0 THC : CBD Ratio

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:

Total THC = (THCA x 0.877) + Δ9-THC Total CBD = (CBDA x 0.877) + CBD
 Ratio of Total CBD: Total THC Reagent Blanks: < LOQs for all analytes

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

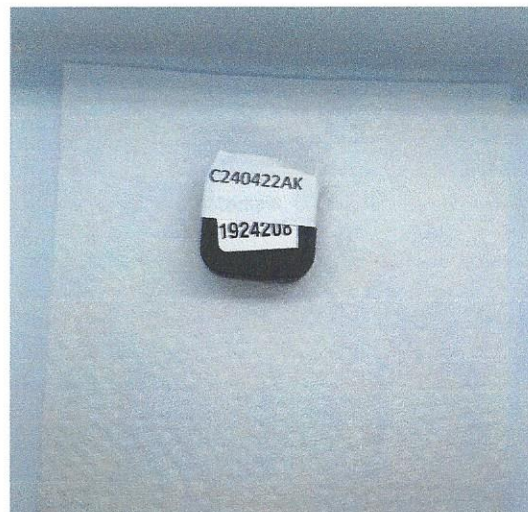
All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.

Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



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 E-M
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

(802) 540-0148 laboratory@biadiagnostics.com Certificate Registration Number: CL_50_2021_002



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Certificate of Analysis



Client Name: Green Mountain Scientific Corp.

License Number: MANU0019



Sample ID: VT9127

Sample Name: Type I THC CO2 Distillate

Sample Lot: 1924208

Sample Matrix: Solvent Extraction Concentrates

Date Received: 4/11/2024

Date Reported: 4/18/2024

Date Tested: 4/15/2024



Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #27042

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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Holly Heimsath

Holly Heimsath
QA Manager
4/18/2024



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Certificate of Analysis



Client Name: Green Mountain Scientific Corp.

License Number: MANU0019



Sample ID: VT9127

Sample Name: Type I THC CO2 Distillate

Sample Lot: 1924208

Sample Matrix: Solvent Extraction Concentrates

Date Received: 4/11/2024

Date Reported: 4/18/2024

Date Tested: 4/17/2024



Residual Solvents

Pass

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS; SOP-010-OA) - Limit units: µg/g | Test ID: #27041

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Acetone	Pass	< LOQ	5000.000	4.730	14.200
Acetonitrile	Pass	< LOQ	410.000	0.480	1.450
Benzene	Pass	< LOQ	2.000	0.020	0.060
Chloroform	Pass	< LOQ	60.000	0.070	0.210
Ethanol	Pass	< LOQ	5000.000	6.010	18.040
Heptanes (total)	Pass	< LOQ	5000.000	5.950	17.840
Hexanes (total)	Pass	< LOQ	0	0.350	1.040
Isopropyl Alcohol	Pass	< LOQ	5000.000	5.910	17.730
Methanol	Pass	< LOQ	3000.000	3.540	10.610
Methylene Chloride	Pass	< LOQ	600.000	6.400	19.190
Toluene	Pass	< LOQ	890.000	1.050	3.160
Xylenes (total)	Pass	< LOQ	2170.000	19.426 14.858 *	58.868 45.024 *

Additional Solvent Analytes

Propane	Pass	< LOQ	5000.000	5.420	16.260
2-Methylpropane	Pass	< LOQ	5000.000	5.420	16.270
2,2-Dimethylbutane	Pass	< LOQ	5000.000	0.340	1.020
2,3-Dimethylbutane	Pass	< LOQ	5000.000	0.340	1.030
n-Butane	Pass	< LOQ	0	5.390	16.160
2-Methylpentane	Pass	< LOQ	5000.000	0.340	1.030
3-Methylpentane	Pass	< LOQ	5000.000	0.680	2.050
Isopentane	Pass	< LOQ	5000.000	5.890	17.670
n-Pentane	Pass	< LOQ	5000.000	5.900	17.700
Neopentane	Pass	< LOQ	5000.000	11.870	35.620

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

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Holly Heimsath

Holly Heimsath
QA Manager
4/18/2024





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Certificate of Analysis



Client Name: Green Mountain Scientific Corp.

License Number: MANU0019



Sample ID: VT9127

Sample Name: Type I THC CO2 Distillate

Sample Lot: 1924208

Sample Matrix: Solvent Extraction Concentrates

Date Received: 4/11/2024

Date Reported: 4/18/2024

Date Tested: 4/16/2024



Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) - **Limit units: ppm** | Test ID: #27043

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

Holly Heimsath

Holly Heimsath
QA Manager
4/18/2024

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Certificate of Analysis



Client Name: Green Mountain Scientific Corp.

License Number: MANU0019



Sample ID: VT9127

Sample Name: Type I THC CO2 Distillate

Sample Lot: 1924208

Sample Matrix: Solvent Extraction Concentrates

Date Received: 4/11/2024

Date Reported: 4/18/2024

Date Tested: 4/15/2024



Mycotoxins

Pass

Mycotoxins (LC-MSMS, SOP-009-OA) - Limit units: ug/g = ppm | Test ID: #27044

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Aflatoxin-B1	PASS	ND	0.00100	0.00025	0.00250
Aflatoxin-B2	PASS	ND	0.00100	0.00025	0.00250
Aflatoxin-G1	PASS	ND	0.00100	0.00025	0.00250
Aflatoxin-G2	PASS	ND	0.00100	0.00025	0.00250
Ochratoxin	PASS	ND	0.00100	0.00025	0.00250

Holly Heimsath

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QA Manager
4/18/2024

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Bia Diagnostics
Laboratories

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480 HERCULES DR. COLCHESTER, VT 05446

Certificate of Analysis

Company: Meadow Lark Farm
821 Parks-Hurlburt RD
New Haven, VT 05472

Customer ID: 200918-1
Grower License #: CLTV0262

Sample ID: Harvest Lot
Lot: 1
Matrix: Flower
Date Sampled: N/A
Date Received: 9/25/2023

Report Date: 10/5/2023
Date Analyzed: 10/5/2023
Analyst: 018
Report ID: C230925AH

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

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Certified by:

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)