

1200MG-60G NanoGx

 Sample ID: BIA250827S0034
 Strain: Blend

 Produced:
 Collected:
 Received: 08/27/2025
 Completed: 09/04/2025
 Batch#:

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

 Matrix: Ingestible
 Type: Tincture
 Sample Size: 1 units
 Lot#: MANU001923D31280101


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	09/03/2025	Complete

Cannabinoids

Container Size 60mL; Density - 0.9905g/mL Completed

5.15 mg/serving Total THC						ND Total CBD		6.17 mg/serving Total Cannabinoids							
Analyte	LOQ	Results	Results	Mass	Mass	Analyte	LOQ	Results	Results	Mass	Mass				
	mg/g	%	mg/g	mg/serving	mg/container		mg/g	%	mg/g	mg/serving	mg/container				
CBDVa	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	CBCVa	0.0003	<LOQ	<LOQ	<LOQ	<LOQ				
CBDV	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	CBNa	0.0003	<LOQ	<LOQ	<LOQ	<LOQ				
CBDa	0.0005	<LOQ	<LOQ	<LOQ	<LOQ	Δ9-THC	0.0005	2.079	20.79	5.15	1235.79				
CBGa	0.0005	<LOQ	<LOQ	<LOQ	<LOQ	Δ8-THC	0.0003	<LOQ	<LOQ	<LOQ	<LOQ				
CBG	0.0005	0.163	1.63	0.40	97.14	Δ10-THC*	0.0002	0.067	0.67	0.17	39.86				
CBD	0.0005	<LOQ	<LOQ	<LOQ	<LOQ	THC*									
THCV	0.0003	0.105	1.05	0.26	62.35	CBL	0.0005	<LOQ	<LOQ	<LOQ	<LOQ				
CBLV	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	CBC	0.0003	0.014	0.14	0.03	8.10				
CBCV	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	THCa	0.0005	<LOQ	<LOQ	<LOQ	<LOQ				
THCVa	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	CBCa	0.0006	<LOQ	<LOQ	<LOQ	<LOQ				
CBN	0.0005	0.063	0.63	0.16	37.22	CBLa	0.0005	<LOQ	<LOQ	<LOQ	<LOQ				
						Total THC		2.08	20.79	5.15	1235.79				
						Total CBD		ND	ND	ND	ND				
						Total		2.49	24.91	6.17	1480.46				

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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

*The result is the sum of delta-10 isomers.




 Luke Emerson-Mason
 Laboratory Director
 09/04/2025

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 Colchester, VT 05446
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Certificate of Analysis

Client Name: Green Mountain Scientific Corp.
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: 12/7/2023



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

Callie Chapman
 Lab Director
 12/8/2023

In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.





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Certificate of Analysis

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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

Callie Chapman
 Lab Director
 12/8/2023

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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 0.00498 *	0.00072 0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

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 Lab Director
 12/8/2023

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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

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Certified by: *Luke E. M.*
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)