

PRODUCT INFO SHEET

Green Mountain Scientific Corp.
 PO Box 699
 Morrisville, Vermont 05661
 (877) 256 0007
 MANU0019



PRODUCT INFORMATION

Product Code:	1010035	Category:	Emulsions/Ingredients
Product Name:	NanoGx-50-Ingredient		
Unit Size:	Varies		
Serving Size:	Not Applicable		
Servings Per Unit:	Not Applicable		
Appearance:	White to off-white opaque liquid		
Odor:	Characteristic		

PRODUCT POTENCY

D9-THC	5.0%	50 mg/g	(48- 52 mg/g)
D9-THC Per Unit	50 g/kg	Acceptable Variability	10%*
D9-THC Per Serving	No Applicable		

**Analytical variability reported as 8.1% (95% CI)*

INGREDIENTS

Purified Water, D9-THC Cannabis Distillate, Glyceryl Mono-Medium Chain Esters & Triglycerides, Acacai Gum, Citric Acid, Potassium Sorbate.

PACKAGING

Not for retail sale.

***NOTE:** Refrigerate for best shelf-life stability (>12 Months). Do not expose to extended periods of excessive heat (> 80°F) for best shelf-life stability.

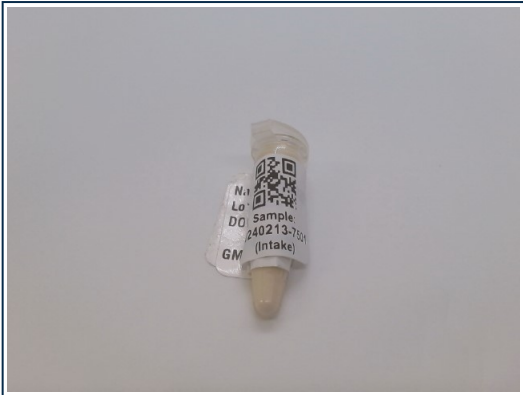


261 Mountain View Dr
 Colchester, VT 05446
 License #: TLAB0030
 802-767-7256
 info@onwardanalytics.biz

Certificate of Analysis

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

Sample ID: VT7501
Sample Name: NanoGX-50
Sample Lot: MANU001923D23X10101
Sample Matrix: Tinctures
Date Received: 2/13/2024
Date Reported: 2/20/2024
Date Tested: 2/16/2024



Total Cannabinoids				
	%	mg/g	mg/mL	mg/unit
Total THC:	5.137	51.366	53.005	1590.150
Total CBD:	0.994	9.937	10.254	307.620
Total Cannabinoids:	6.856	68.559	70.747	2122.410
Unit Volume (mL): 30				

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: #22128

Analyte	%	mg/g	mg/mL	mg/unit	LOD (mg/g)	LOQ (mg/g)
CBC	0.1023	1.023	1.056	31.68	0.0003	0.0040
CBCA	ND	ND	ND	ND	0.0002	0.0040
CBD	0.9937	9.937	10.254	307.62	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	0.2119	2.119	2.187	65.61	0.0009	0.0040
CBGA	ND	ND	ND	ND	0.0001	0.0040
CBN	0.0696	0.696	0.718	21.54	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	0.0521	0.521	0.538	16.14	0.0012	0.0040
D9 THC	5.1366	51.366	53.005	1590.15	0.0016	0.0049
D10 THC	0.2897	2.897	2.989	89.67	0.0004	0.0040
THCA	< LOQ	< LOQ	< LOQ	<LOQ	0.0002	0.0040
THCV	< LOQ	< LOQ	< LOQ	<LOQ	0.0016	0.0049
THCVA	ND	ND	ND	ND	0.0002	0.0040

Callie Chapman
 Lab Director
 2/20/2024

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.





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: VT3227
Sample Name: Type I-1st Pass Distillate 50002
Sample Lot: MANU001923D23
Sample Matrix: Solvent Extraction Concentrates
Date Received: 8/28/2023
Date Reported: 9/7/2023
Date Tested: 8/31/2023



Heavy Metals PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) - **Limit units: µg/kg** | Test ID: #7095

Analyte	Pass/Fail	Result (ug/kg)	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	PASS	< LOQ	1.500	0.00130	0.050
Cadmium	PASS	< LOQ	0.500	0.00002	0.050
Lead	PASS	< LOQ	1.000	0.00095	0.050
Mercury	PASS	< LOQ	1.500	0.00020	0.050

Callie Chapman
 Lab Director
 9/7/2023

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.





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: VT3227
Sample Name: Type I-1st Pass Distillate 50002
Sample Lot: MANU001923D23
Sample Matrix: Solvent Extraction Concentrates
Date Received: 8/28/2023
Date Reported: 9/7/2023
Date Tested: 9/5/2023



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: #7093

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
 9/7/2023

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.





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: VT3227
Sample Name: Type I-1st Pass Distillate 50002
Sample Lot: MANU001923D23
Sample Matrix: Solvent Extraction Concentrates
Date Received: 8/28/2023
Date Reported: 9/8/2023
Date Tested: 9/1/2023



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #7094

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

Callie Chapman
 Lab Director
 9/8/2023

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.





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: VT3227
Sample Name: Type I-1st Pass Distillate 50002
Sample Lot: MANU001923D23
Sample Matrix: Solvent Extraction Concentrates
Date Received: 8/28/2023
Date Reported: 9/7/2023
Date Tested: 9/1/2023



Total Cannabinoids		
	%	mg/g
Total THC:	50.572	505.721
Total CBD:	19.288	192.882
Total Cannabinoids:	72.855	728.545

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: #7165

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	1.3096	13.096	0.0003	0.0040
CBCA	ND	ND	0.0002	0.0040
CBD	19.2882	192.882	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	1.5927	15.927	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	< LOQ	< LOQ	0.0012	0.0040
D9 THC	49.9171	499.171	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	0.7469	7.469	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	ND	ND	0.0002	0.0040

Callie Chapman
 Lab Director
 9/7/2023

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.



Certificate of Analysis

Company: Jeezum Crow Bud Co.
 691 Orchard Drive
 Bridport, VT 05734

Sample ID: Lot 1 Biomass

Lot: N/A

Matrix: Flower

Report Date: 11/16/2022

Date Analyzed: 11/16/2022

Analyst: 018

Customer ID: 191226-01

Date Sampled: N/A

Report ID: C221021BE

Grower License #: N/A

Date Received: 10/21/2022

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