PRODUCT INFO SHEET

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

PRODUCT INFORMATION

Product Code:	1010086	**Category:**	Confections (Edibles)
Product Name:	Apple Pear Vegan Gummy Squares		
Unit Size:	50 g		
Serving Size:	2.5 g	Not including coating	
Servings Per Unit:	20		
Appearance:	Green colored squares with sugar coating.		
Odor:	Fruity, sweet		

PRODUCT

GMS vegan gummies are made with all natural ingredients including natural colors and flavors. D9-THC originates from sun grown Vermont cannabis extracted by CO_2 Supercritical Fluid.
NOTE: Natural colors are derived from fruits and vegetables and tones are sensitive to pH and temperature. No artificial flavors or colors (azo dyes) used.

PRODUCT POTENCY

D9-THC	0.2%	2.0 mg/g	(1.5 - 2.5 mg/g)
D9-THC Per Unit	100 mg	Acceptable Variability	25%*
D9-THC Per Serving	5 mg		

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

PRODUCT INGREDIENTS

Cane sugar, organic tapioca syrup, isomalt, pectin, less than 2% cannabis distillate (D9-THC), citric acid, potassium sorbate, lime/khaki extract (for color), natural flavors.

PACKAGING

1. 40080: https://www.humidi.co/product/3oz-humidijars/
2. 40081: https://www.humidi.co/product/natural-humidilid/

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: VT4534
Sample Name: 5MG Apple Pear Vegan Gummy
Sample Lot: MANU001923D110109
Sample Matrix: Edibles
Date Received: 10/30/2023
Date Reported: 11/7/2023
Date Tested: 11/1/2023

Total Cannabinoids

	%	mg/g	mg/unit
Total THC:	**0.225**	**2.245**	**5.746**
Total CBD:	**--**	**--**	**0.000**
Total Cannabinoids:	**0.233**	**2.333**	**5.971**
Unit Weight (g): 2.5595			

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: #11902

Analyte	%	mg/g	mg/unit	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	0.0003	0.0040
CBCA	ND	ND	ND	0.0002	0.0040
CBD	< LOQ	< LOQ	<LOQ	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	< LOQ	< LOQ	<LOQ	0.0009	0.0040
CBGA	ND	ND	ND	0.0001	0.0040
CBN	< LOQ	< LOQ	<LOQ	0.0004	0.0040
CBNA	ND	ND	ND	0.0002	0.0040
D8 THC	0.0088	0.088	0.23	0.0012	0.0040
D9 THC	0.2245	2.245	5.75	0.0016	0.0049
D10 THC	ND	ND	ND	0.0004	0.0040
THCA	ND	ND	ND	0.0002	0.0040
THCV	ND	ND	ND	0.0016	0.0049
THCVA	ND	ND	ND	0.0002	0.0040

Callie Chapman
Lab Director
11/7/2023

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Certificate of Analysis

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

Sample ID: VT4537
Sample Name: Vegan Gummy Control
Sample Lot: MANU001923D1101S
Sample Matrix: Tinctures
Date Received: 10/30/2023
Date Reported: 11/6/2023
Date Tested: 11/1/2023

Total Cannabinoids

	%	mg/g	mg/mL	mg/unit
Total THC:	**0.218**	**2.180**	--	--
Total CBD:	--	--	--	--
Total Cannabinoids:	**0.218**	**2.180**	--	--
Unit Volume (mL): 0.9525				

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: #11905

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	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	ND	ND	ND	ND	0.0009	0.0040
CBGA	ND	ND	ND	ND	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	< LOQ	< LOQ	< LOQ	<LOQ	0.0012	0.0040
D9 THC	0.218	2.18	0	0.00	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	ND	ND	ND	ND	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	ND	ND	ND	ND	0.0002	0.0040

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11/6/2023

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Certificate of Analysis

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

Sample ID: VT1830
Sample Name: Type I 1st Pass Distillate
Sample Lot: MANU001923D11
Sample Matrix: Solvent Extraction Concentrates
Date Received: 5/31/2023
Date Reported: 6/6/2023
Date Tested: 6/6/2023

Total Cannabinoids

	%	mg/g
Total THC:	**59.933**	**599.328**
Total CBD:	**1.176**	**11.760**
Total Cannabinoids:	**65.841**	**658.411**

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: #3483

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBDV	ND	ND	0.0008	0.0040
CBDVA	ND	ND	0.0001	0.0040
THCV	2.0208	20.208	0.0016	0.0049
CBDA	ND	ND	0.0002	0.0040
CBD	1.176	11.76	0.0008	0.0040
CBG	1.3301	13.301	0.0009	0.0040
CBGA	ND	ND	0.0001	0.0040
THCVA	ND	ND	0.0002	0.0040
CBN	< LOQ	< LOQ	0.0004	0.0040
CBCVA	ND	ND	0.0004	0.0040
D9 THC	59.9328	599.328	0.0016	0.0049
D8 THC	ND	ND	0.0012	0.0040
CBNA	ND	ND	0.0002	0.0040
D10 THC	ND	ND	0.0004	0.0040
CBC	1.3814	13.814	0.0003	0.0040
THCA	< LOQ	< LOQ	0.0002	0.0040
CBCA	ND	ND	0.0002	0.0040

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6/6/2023

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Certificate of Analysis

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

Sample ID: VT1830
Sample Name: Type I 1st Pass Distillate
Sample Lot: MANU001923D11
Sample Matrix: Solvent Extraction Concentrates
Date Received: 5/31/2023
Date Reported: 6/6/2023
Date Tested:

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: #3484

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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Certificate of Analysis

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Sample ID: VT1830
Sample Name: Type I 1st Pass Distillate
Sample Lot: MANU001923D11
Sample Matrix: Solvent Extraction Concentrates
Date Received: 5/31/2023
Date Reported: 6/6/2023
Date Tested: 6/2/2023

Pesticides — Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) **- Limit units: ppm** | Test ID: #3485

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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Certificate of Analysis

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License Number: MANU0019

Sample ID: VT1830
Sample Name: Type I 1st Pass Distillate
Sample Lot: MANU001923D11
Sample Matrix: Solvent Extraction Concentrates
Date Received: 5/31/2023
Date Reported: 6/6/2023
Date Tested: 6/2/2023

Heavy Metals — PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) **- Limit units: µg/kg** | Test ID: #3486

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
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6/6/2023

Bia Diagnostics Laboratories

Office: 802-540-0148 | Fax: 802-540-0147
480 HERCULES DR. COLCHESTER, VT 05446

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

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

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