



Bia Diagnostics
480 Hercules Drive Suite 101
Colchester, VT 05446

(802) 540-0148
<https://www.biadiagnostics.com/>
Lic# TLAB0029

QA Testing

1 of 1

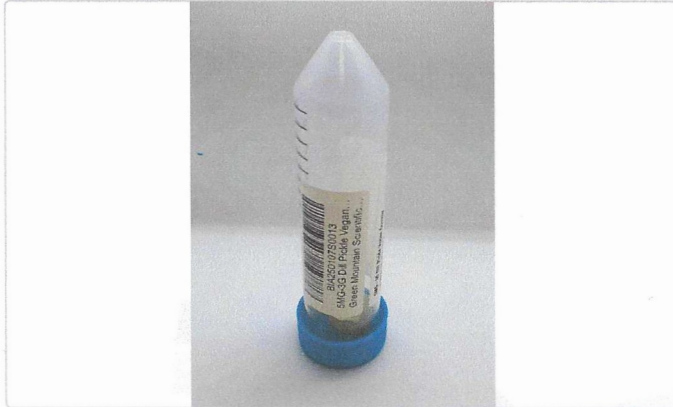
5MG-3G Dill Pickle Vegan Gummy

Sample ID: BIA250107S0013
Strain: Corn Pop

Matrix: Ingestible
Type: Soft Chew
Sample Size: 2.656 g
Lot#: MANU001923D312602

Produced:
Collected:
Received: 01/08/2025
Completed: 01/13/2025
Batch#:

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



Summary

| Test | Date Tested | Result |
|--------------|-------------|----------|
| Sample | | Complete |
| Cannabinoids | 01/10/2025 | Complete |

Cannabinoids

Completed

| 4.69 mg/serving Total THC | | ND Total CBD | | 4.69 mg/serving Total Cannabinoids | |
|------------------------------|--------|-----------------|---------|---------------------------------------|--------------|
| Analyte | LOQ | Results | Results | Mass | Mass |
| | % | % | mg/g | mg/serving | mg/container |
| CBDVa | 0.0001 | <LOQ | <LOQ | <LOQ | <LOQ |
| CBDV | 0.0001 | <LOQ | <LOQ | <LOQ | <LOQ |
| CBDa | 0.0001 | <LOQ | <LOQ | <LOQ | <LOQ |
| CBGa | 0.0001 | <LOQ | <LOQ | <LOQ | <LOQ |
| CBG | 0.0002 | <LOQ | <LOQ | <LOQ | <LOQ |
| CBD | 0.0002 | <LOQ | <LOQ | <LOQ | <LOQ |
| THCV | 0.0002 | <LOQ | <LOQ | <LOQ | <LOQ |
| CBN | 0.0001 | <LOQ | <LOQ | <LOQ | <LOQ |
| Δ9-THC | 0.0002 | 0.18 | 1.8 | 4.69 | 93.85 |
| Δ8-THC | 0.0002 | <LOQ | <LOQ | <LOQ | <LOQ |
| Δ10-THC | 0.0000 | <LOQ | <LOQ | <LOQ | <LOQ |
| CBC | 0.0002 | <LOQ | <LOQ | <LOQ | <LOQ |
| THCa | 0.0003 | <LOQ | <LOQ | <LOQ | <LOQ |
| Total THC | | 0.18 | 1.77 | 4.69 | 93.85 |
| Total CBD | | ND | ND | ND | ND |
| Total | | 0.18 | 1.77 | 4.69 | 93.85 |

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:

Total THC = (THCA x 0.877) + Δ9-THC

Total CBD = (CBDA x 0.877) + 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.



Luke Emerson-Mason

Luke Emerson-Mason
Laboratory Director
01/13/2025

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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: 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 |

Callie Chapman

Callie Chapman
Lab Director
12/8/2023

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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: 12/7/2023



Heavy Metals

PASS

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

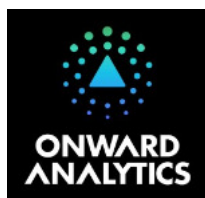
| Analyte | Pass/Fail | Result (ppm) | Limit (ppm) | LOD (ppm) | LOQ (ppm) |
|---------|-----------|--------------|-------------|-----------|-----------|
| Arsenic | PASS | < LOQ | 1.500 | 0.0000260 | 0.00050 |
| Cadmium | PASS | < LOQ | 0.500 | 0.0000004 | 0.00050 |
| Lead | PASS | < LOQ | 1.000 | 0.0000190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

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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 |

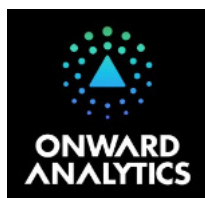
* Xylenes action limit represents sum of m,p-Xylene and o-Xylene

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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-MS/MS; 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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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 |
|--|--|--|

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)