



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

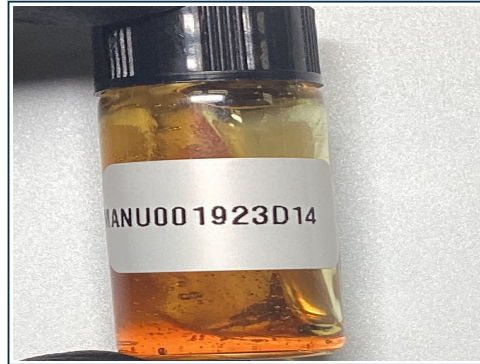
Certificate of Analysis



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



Sample ID: VT3235
Sample Name: Type I – 2nd Pass Distillate 50012
Sample Lot: MANU001923D14
Sample Matrix: Solvent Extraction Concentrates
Date Received: 8/28/2023
Date Reported: 9/7/2023
Date Tested: 8/31/2023



| Total Cannabinoids | | |
|----------------------------|---------------|----------------|
| | % | mg/g |
| Total THC: | 68.969 | 689.691 |
| Total CBD: | 1.795 | 17.946 |
| Total Cannabinoids: | 74.690 | 746.904 |

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: #7138

| Analyte | % | mg/g | LOD (mg/g) | LOQ (mg/g) |
|---------|---------|---------|------------|------------|
| CBC | 0.8939 | 8.939 | 0.0003 | 0.0040 |
| CBCA | ND | ND | 0.0002 | 0.0040 |
| CBD | 1.7946 | 17.946 | 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 | 1.6161 | 16.161 | 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 | 1.4167 | 14.167 | 0.0012 | 0.0040 |
| D9 THC | 68.9691 | 689.691 | 0.0016 | 0.0049 |
| D10 THC | < LOQ | < LOQ | 0.0004 | 0.0040 |
| THCA | < LOQ | < LOQ | 0.0002 | 0.0040 |
| THCV | < LOQ | < LOQ | 0.0016 | 0.0049 |
| THCVA | ND | ND | 0.0002 | 0.0040 |

Callie Chapman
 Lab Director
 9/7/2023

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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 |

Callie Chapman
 Lab Director
 6/6/2023

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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:



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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 6/6/2023

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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 |
| Etoazole | 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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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 |

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Certificate of Analysis

Company: Green Mountain Ganja Guys **Sample ID:** Harvest Lot

Lot: N/A

Report Date: 11/16/2022

Rutland, VT 05701

Matrix: Flower

Date Analyzed: 11/16/2022

Customer ID: 221027-2

Date Sampled: 10/27/2022

Analyst: 018

Grower License #: CLVT0032

Date Received: 10/27/2022

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)