

## PRODUCT INFO SHEET

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



### PRODUCT INFORMATION

|                    |                                     |      |               |           |         |
|--------------------|-------------------------------------|------|---------------|-----------|---------|
| Product Code:      | 1010186                             | Ver. | 24209         | Category: | Edibles |
| Product Name:      | 5MG-12G Original NanoBev            |      |               |           |         |
| Unit Size (Net):   | 12 g                                |      | (11.8-12.2 g) |           |         |
| Serving Size:      | 12 g                                |      |               |           |         |
| Servings Per Unit: | 1                                   |      |               |           |         |
|                    |                                     |      |               |           |         |
| Appearance:        | Red to violet crystalline powder    |      |               |           |         |
| Odor:              | Characteristic                      |      |               |           |         |
| pH                 | 3.6 (Dissolved in 8 fl oz of water) |      |               |           |         |

### PRODUCT POTENCY

|                    |         |                        |                    |
|--------------------|---------|------------------------|--------------------|
| D9-THC             | 0.042 % | 0.42 mg/g              | (0.31 – 0.53 mg/g) |
| D9-THC Per Unit    | 5 mg    | Acceptable Variability | 25%*               |
| D9-THC Per Serving | 5 mg    |                        |                    |

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

**Stability/Shelf-life:** Avoid extreme heat and sunlight exposure.  
Average shelf-life: 12 months from DOM.

### INGREDIENTS

Maltodextrin, Di-Calcium Phosphate, Acacia Gum, D9-THC Cannabis Distillate, Medium & Long Chain Mono-glycerol.

NOTE: All ingredients are food grade and procured from reputable commercial suppliers.

### PACKAGING

- 40103: <https://marijuanapackaging.com/products/child-resistant-push-down-and-turn-screw-on-opaque-aluminum-metal-pre-roll-tubes-95mm-silver-250-count>



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:** VT2340

**Sample Name:** 5MG-12G Fruit Punch Powdered Drink Mix

**Sample Lot:** 50089

**Sample Matrix:** Tablets/Capsule

**Date Received:** 7/6/2023

**Date Reported:** 7/13/2023

**Date Tested:** 7/11/2023



## Total Cannabinoids

|                                | %            | mg/g         | mg/unit      |
|--------------------------------|--------------|--------------|--------------|
| <b>Total THC:</b>              | <b>0.043</b> | <b>0.431</b> | <b>0.229</b> |
| <b>Total CBD:</b>              | <b>--</b>    | <b>--</b>    | <b>0.000</b> |
| <b>Total Cannabinoids:</b>     | <b>0.043</b> | <b>0.431</b> | <b>0.229</b> |
| <b>Unit Weight (g): 0.5322</b> |              |              |              |

**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: #4591

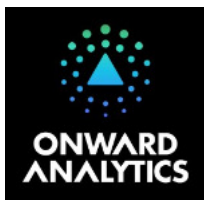
| Analyte | %      | mg/g  | mg/unit | LOD (mg/g) | LOQ (mg/g) |
|---------|--------|-------|---------|------------|------------|
| CBDV    | ND     | ND    | ND      | 0.0008     | 0.0040     |
| CBDVA   | ND     | ND    | ND      | 0.0001     | 0.0040     |
| THCV    | ND     | ND    | ND      | 0.0016     | 0.0049     |
| CBDA    | ND     | ND    | ND      | 0.0002     | 0.0040     |
| CBD     | ND     | ND    | ND      | 0.0008     | 0.0040     |
| CBG     | ND     | ND    | ND      | 0.0009     | 0.0040     |
| CBGA    | ND     | ND    | ND      | 0.0001     | 0.0040     |
| THCVA   | ND     | ND    | ND      | 0.0002     | 0.0040     |
| CBN     | ND     | ND    | ND      | 0.0004     | 0.0040     |
| CBCVA   | ND     | ND    | ND      | 0.0004     | 0.0040     |
| D9 THC  | 0.0431 | 0.431 | 0.23    | 0.0016     | 0.0049     |
| D8 THC  | ND     | ND    | ND      | 0.0012     | 0.0040     |
| CBNA    | ND     | ND    | ND      | 0.0002     | 0.0040     |
| D10 THC | ND     | ND    | ND      | 0.0004     | 0.0040     |
| CBC     | ND     | ND    | ND      | 0.0003     | 0.0040     |
| THCA    | ND     | ND    | ND      | 0.0002     | 0.0040     |
| BCA     | ND     | ND    | ND      | 0.0002     | 0.0040     |

*Callie Chapman*

Callie Chapman  
Lab Director  
7/13/2023

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# Certificate of Analysis



**Client Name:** Green Mountain Scientific Corp.  
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**Sample ID:** VT2343  
**Sample Name:** 5MG-8OZ Fruit Punch Mixed Drink  
**Sample Lot:** 50089-M  
**Sample Matrix:** Beverages  
**Date Received:** 7/6/2023  
**Date Reported:** 7/13/2023  
**Date Tested:** 7/11/2023



## Total Cannabinoids

|                            | %            | mg/g         | mg/mL        | mg/unit      |
|----------------------------|--------------|--------------|--------------|--------------|
| <b>Total THC:</b>          | <b>0.002</b> | <b>0.022</b> | <b>0.023</b> | <b>5.446</b> |
| <b>Total CBD:</b>          | <b>--</b>    | <b>--</b>    | <b>--</b>    | <b>0.000</b> |
| <b>Total Cannabinoids:</b> | <b>0.002</b> | <b>0.022</b> | <b>0.023</b> | <b>5.446</b> |

**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: #4594

| Analyte | %      | mg/g  | mg/mL | mg/unit | LOD (mg/g) | LOQ (mg/g) |
|---------|--------|-------|-------|---------|------------|------------|
| CBDV    | ND     | ND    | ND    | ND      | 0.0008     | 0.0040     |
| CBDVA   | ND     | ND    | ND    | ND      | 0.0001     | 0.0040     |
| THCV    | ND     | ND    | ND    | ND      | 0.0016     | 0.0049     |
| CBDA    | ND     | ND    | ND    | ND      | 0.0002     | 0.0040     |
| CBD     | ND     | ND    | ND    | ND      | 0.0008     | 0.0040     |
| CBG     | ND     | ND    | ND    | ND      | 0.0009     | 0.0040     |
| CBGA    | ND     | ND    | ND    | ND      | 0.0001     | 0.0040     |
| THCVA   | ND     | ND    | ND    | ND      | 0.0002     | 0.0040     |
| CBN     | < LOQ  | < LOQ | < LOQ | <LOQ    | 0.0004     | 0.0040     |
| CBCVA   | ND     | ND    | ND    | ND      | 0.0004     | 0.0040     |
| D9 THC  | 0.0022 | 0.022 | 0.023 | 5.45    | 0.0016     | 0.0049     |
| D8 THC  | ND     | ND    | ND    | ND      | 0.0012     | 0.0040     |
| CBNA    | ND     | ND    | ND    | ND      | 0.0002     | 0.0040     |
| D10 THC | < LOQ  | < LOQ | < LOQ | <LOQ    | 0.0004     | 0.0040     |
| CBC     | ND     | ND    | ND    | ND      | 0.0003     | 0.0040     |
| THCA    | ND     | ND    | ND    | ND      | 0.0002     | 0.0040     |
| CBCA    | ND     | ND    | ND    | ND      | 0.0002     | 0.0040     |

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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

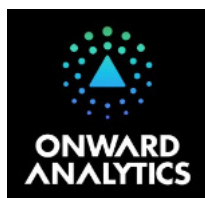
| Analyte | Pass/Fail | Result (ppm) | Limit (ppm) | LOD (ppm) | LOQ (ppm) |
|---------|-----------|--------------|-------------|-----------|-----------|
| Arsenic | PASS      | < LOQ        | 1.500       | 0.0000260 | 0.00050   |
| Cadmium | PASS      | < LOQ        | 0.500       | 0.0000004 | 0.00050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

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Lab Director  
12/8/2023

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# Certificate of Analysis

**Client Name:** Green Mountain Scientific Corp.  
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**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-OA) - 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<br>14.858 * | 58.868<br>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



**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



### 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   | 0.00072   |
|               |           |              |         | 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

|  |  |  |
|--|--|--|
| <b>Company:</b> Green Mountain Ganja Guys<br>2728 US Rt 7N<br>Rutland, VT 05701<br><b>Customer ID:</b> 221027-2<br><b>Grower License #:</b> CLVT0032 | <b>Sample ID:</b> Harvest Lot<br><b>Lot:</b> N/A<br><b>Matrix:</b> Flower<br><b>Date Sampled:</b> 10/27/2022<br><b>Date Received:</b> 10/27/2022 | <b>Report Date:</b> 11/16/2022<br><b>Date Analyzed:</b> 11/16/2022<br><b>Analyst:</b> 018<br><b>Report ID:</b> C221027AR |
|--|--|--|

## Pathogen Summary

| Target Pathogens                                      | Method                                  | LOD (cfu/g) | Result (cfu/g) |
|---|---|-------------|----------------|
| Aspergillus -<br>flavus, fumigatus,<br>niger, terreus | Aspergillus AOAC<br>PTM No. 032104      | 5           | <LOD           |
| STEC  | STEC Virx AOAC<br>PTM No. 121203        | 5           | <LOD           |
| Salmonella spp.                                       | Salmonella II<br>AOAC PTM No.<br>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)