



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:** VT5995  
**Sample Name:** Super Sour Diesel 0.5 Vape Cart  
**Sample Lot:** MANU001932D2102  
**Sample Matrix:** Solvent Extraction Concentrates  
**Date Received:** 12/18/2023  
**Date Reported:** 1/2/2024  
**Date Tested:** 12/27/2023



| Total Cannabinoids         |               |                |
|----------------------------|---------------|----------------|
|                            | %             | mg/g           |
| <b>Total THC:</b>          | <b>70.417</b> | <b>704.167</b> |
| <b>Total CBD:</b>          | --            | --             |
| <b>Total Cannabinoids:</b> | <b>73.444</b> | <b>734.438</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: #17280

| Analyte | %       | mg/g    | LOD (mg/g) | LOQ (mg/g) |
|---------|---------|---------|------------|------------|
| CBC     | ND      | ND      | 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     | 1.3906  | 13.906  | 0.0009     | 0.0040     |
| CBGA    | ND      | ND      | 0.0001     | 0.0040     |
| CBN     | ND      | ND      | 0.0004     | 0.0040     |
| CBNA    | ND      | ND      | 0.0002     | 0.0040     |
| D8 THC  | 1.6365  | 16.365  | 0.0012     | 0.0040     |
| D9 THC  | 70.4167 | 704.167 | 0.0016     | 0.0049     |
| D10 THC | < LOQ   | < LOQ   | 0.0004     | 0.0040     |
| THCA    | ND      | ND      | 0.0002     | 0.0040     |
| THCV    | ND      | ND      | 0.0016     | 0.0049     |
| THCVA   | ND      | ND      | 0.0002     | 0.0040     |

*Holly Heimsath*

Holly Heimsath  
 QA Manager  
 1/2/2024

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.





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## Total Terpenes (%) : 9.4355

| Dominant Terpenes (%) |        |
|-----------------------|--------|
| beta-caryophyllene    | 2.5188 |
| Limonene              | 2.2572 |
| Myrcene               | 1.595  |
| Linalool              | 1.188  |
| alpha-Pinene          | 0.6627 |

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #17281

| Analyte               | Result (%)    | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|-----------------------|---------------|---------------|------------|------------|
| 3-Carene              | ND            | ND            | 0.000002   | 0.002      |
| alpha-Bisabolol       | 0.3722        | 3.722         | 0.000003   | 0.002      |
| alpha-Humulene        | 0.1266        | 1.266         | 0.000002   | 0.002      |
| alpha-Pinene          | 0.6627        | 6.627         | 0.000001   | 0.002      |
| alpha-Terpinene       | ND            | ND            | 0.000001   | 0.002      |
| alpha-Terpinolene     | 0.1782        | 1.782         | 0.000004   | 0.002      |
| beta-caryophyllene    | 2.5188        | 25.188        | 0.000004   | 0.002      |
| beta-Pinene           | 0.2503        | 2.503         | 0.000002   | 0.002      |
| Camphene              | ND            | ND            | 0.000001   | 0.002      |
| Caryophyllene Oxide   | 0.2215        | 2.215         | 0.000011   | 0.002      |
| Eucalyptol            | ND            | ND            | 0.000002   | 0.002      |
| gamma-Terpinene       | ND            | ND            | 0.000002   | 0.002      |
| Geraniol              | ND            | ND            | 0.000008   | 0.002      |
| Guaiol                | 0.065         | 0.65          | 0.000007   | 0.002      |
| Isopulegol            | ND            | ND            | 0.000005   | 0.002      |
| Isopropyl Toluene     | ND            | ND            | 0.000003   | 0.002      |
| Limonene              | 2.2572        | 22.572        | 0.000002   | 0.002      |
| Linalool              | 1.188         | 11.88         | 0.000003   | 0.002      |
| Nerolidol             | ND            | ND            | 0.000007   | 0.002      |
| Myrcene               | 1.595         | 15.95         | 0.000003   | 0.002      |
| Ocimene               | ND            | ND            | 0.000002   | 0.002      |
| <b>Total Terpenes</b> | <b>9.4355</b> | <b>94.355</b> |            |            |

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