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Certificate of Analysis

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

Sample ID: VT10882
Sample Name: Type I THC-CO2 Distillate
Sample Lot: 1924211
Sample Matrix: Solvent Extraction Concentrates
Date Received: 6/21/2024
Date Reported: 6/28/2024
Date Tested: 6/24/2024



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: #32623

| Analyte | Pass/Fail | Result (ppm) | Limit | LOD (ppm) | LOQ (ppm) |
|--------------------|-----------|--------------|----------|--------------------|--------------------|
| Acetone | Pass | < LOQ | 5000.000 | 4.730 | 14.200 |
| Acetonitrile | Pass | < LOQ | 410.000 | 0.480 | 1.450 |
| Benzene | Pass | < LOQ | 2.000 | 0.020 | 0.060 |
| Chloroform | Pass | < LOQ | 60.000 | 0.070 | 0.210 |
| Ethanol | Pass | < LOQ | 5000.000 | 6.010 | 18.040 |
| Heptanes (total) | Pass | < LOQ | 5000.000 | 5.950 | 17.840 |
| Hexanes (total) | Pass | < LOQ | 0 | 0.350 | 1.040 |
| Isopropyl Alcohol | Pass | < LOQ | 5000.000 | 5.910 | 17.730 |
| Methanol | Pass | < LOQ | 3000.000 | 3.540 | 10.610 |
| Methylene Chloride | Pass | < LOQ | 600.000 | 6.400 | 19.190 |
| Toluene | Pass | < LOQ | 890.000 | 1.050 | 3.160 |
| Xylenes (total) | Pass | < LOQ | 2170.000 | 19.426 14.858 * | 58.868 45.024 * |

Additional Solvent Analytes

| | | | | | |
|--------------------|------|-------|----------|--------|--------|
| Propane | Pass | < LOQ | 5000.000 | 5.420 | 16.260 |
| 2-Methylpropane | Pass | < LOQ | 5000.000 | 5.420 | 16.270 |
| 2,2-Dimethylbutane | Pass | < LOQ | 5000.000 | 0.340 | 1.020 |
| 2,3-Dimethylbutane | Pass | < LOQ | 5000.000 | 0.340 | 1.030 |
| n-Butane | Pass | < LOQ | 0 | 5.390 | 16.160 |
| 2-Methylpentane | Pass | < LOQ | 5000.000 | 0.340 | 1.030 |
| 3-Methylpentane | Pass | < LOQ | 5000.000 | 0.680 | 2.050 |
| Isopentane | Pass | < LOQ | 5000.000 | 5.890 | 17.670 |
| n-Pentane | Pass | < LOQ | 5000.000 | 5.900 | 17.700 |
| Neopentane | Pass | < LOQ | 5000.000 | 11.870 | 35.620 |

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

Callie Chapman
 Lab Director
 6/28/2024

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