



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:** VT6001  
**Sample Name:** Mango Kush 0.5g Vape Cart  
**Sample Lot:** MANU001932D2107  
**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>70.549</b>	<b>705.490</b>
<b>Total CBD:</b>	--	--
<b>Total Cannabinoids:</b>	<b>73.500</b>	<b>734.998</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: #17292

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	1.2914	12.914	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	1.6594	16.594	0.0012	0.0040
D9 THC	70.549	705.49	0.0016	0.0049
D10 THC	ND	ND	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 (%) : 4.3338

Dominant Terpenes (%)	
beta-caryophyllene	0.998
Myrcene	0.8298
Limonene	0.7242
Linalool	0.4537
alpha-Pinene	0.4346

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #17293

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	0.058	0.58	0.000002	0.002
alpha-Bisabolol	0.1259	1.259	0.000003	0.002
alpha-Humulene	0.0711	0.711	0.000002	0.002
alpha-Pinene	0.4346	4.346	0.000001	0.002
alpha-Terpinene	ND	ND	0.000001	0.002
alpha-Terpinolene	< LOQ	< LOQ	0.000004	0.002
beta-caryophyllene	0.998	9.98	0.000004	0.002
beta-Pinene	0.0609	0.609	0.000002	0.002
Camphene	0.0983	0.983	0.000001	0.002
Caryophyllene Oxide	0.2426	2.426	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	0.0646	0.646	0.000007	0.002
Isopulegol	0.1721	1.721	0.000005	0.002
Isopropyl Toluene	< LOQ	< LOQ	0.000003	0.002
Limonene	0.7242	7.242	0.000002	0.002
Linalool	0.4537	4.537	0.000003	0.002
Nerolidol	ND	ND	0.000007	0.002
Myrcene	0.8298	8.298	0.000003	0.002
Ocimene	ND	ND	0.000002	0.002
<b>Total Terpenes</b>	<b>4.3338</b>	<b>43.338</b>		

*Holly Heimsath*

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 QA Manager  
 1/2/2024

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