Bia Diagnostics Laboratories

Office: 802-540-0148 | Fax: 802-540-0147
480 HERCULES DR. COLCHESTER, VT 05446

# Certificate of Analysis

**Company:** Theory Wellness of VT
768 Putney Rd
Brattleboro, VT 05301
**Customer ID:** 230609-0
**Grower License #:** MANU0054

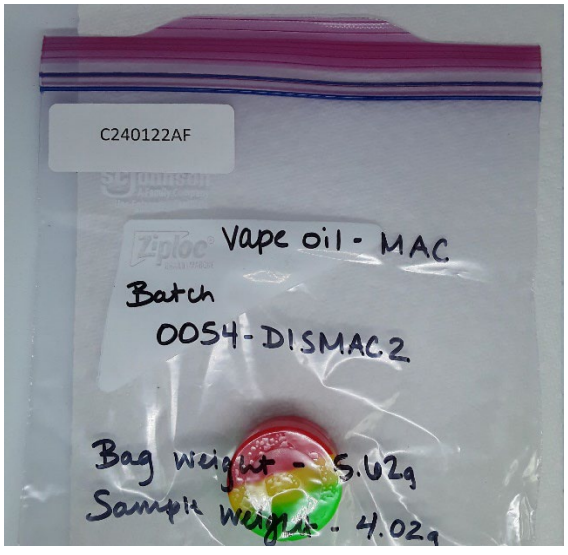
**Sample ID:** Vape Oil - Distillate - MAC
**Lot:** 0054-DISMAC2
**Matrix:** Distillate
**Date Sampled:** N/A
**Date Received:** 1/22/2024

**Report Date:** 1/26/2024
**Date Analyzed:** 1/25/2024
**Analyst:** 057
**Report ID:** C240122AF

## Cannabinoid Summary

| Cannabinoid Profile | LOQ (mg/g) | Concentration (mg/g) | Weight (%) |
|---|---|---|---|
| **CBDVA** | 0.0005 | <LOQ | <LOQ |
| **CBDV** | 0.0012 | <LOQ | <LOQ |
| **CBDA** | 0.0008 | <LOQ | <LOQ |
| **CBGA** | 0.0008 | <LOQ | <LOQ |
| **CBG** | 0.0019 | 21.86 | 2.19 |
| **CBD** | 0.0019 | 2.95 | 0.29 |
| **THCV** | 0.0021 | 6.57 | 0.66 |
| **CBN** | 0.0013 | 3.04 | 0.30 |
| **Δ9-THC** | 0.0020 | 720.82 | 72.08 |
| **Δ8-THC** | 0.0019 | <LOQ | <LOQ |
| **THC-A** | 0.0034 | <LOQ | <LOQ |
| **CBC** | 0.0024 | <LOQ | <LOQ |
| **Total THC** | | 720.82 | 72.08 |
| **Total CBD** | | 2.95 | 0.29 |
| **Total Cannabinoids** | | 755.25 | 75.52 |

| | |
|---|---|
| 72.08% **Total THC** | 0.29% **Total CBD** |
| 75.52% **Total Cannabinoids** | 72.08% **Δ9-THC** |
| N/A **Percent Moisture** | 1 : 0 **THC : CBD Ratio** |




Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
Total THC = (THCA x 0.877) + Δ9-THC
Total CBD = (CBDA x 0.877) + CBD
Ratio of Total CBD: Total THC
Reagent Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.
Δ9-THC MU = ±0.005%
Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



*Certified by:* Luke E. M
Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Bia Diagnostics Laboratories

Office: 802-540-0148 | Fax: 802-540-0147
480 HERCULES DR. COLCHESTER, VT 05446

# Certificate of Analysis

**Company:** Theory Wellness of VT
768 Putney Rd
Brattleboro, VT 05301
**Customer ID:** 230609-0
**Grower License #:** MANU0054

**Sample ID:** Vape Oil - Distillate - MAC
**Lot:** 0054-DISMAC2
**Matrix:** Distillate
**Date Sampled:** N/A
**Date Received:** 1/22/2024

**Report Date:** 1/26/2024
**Date Analyzed:** 1/24/2024
**Analyst:** 045
**Report ID:** C240122AF

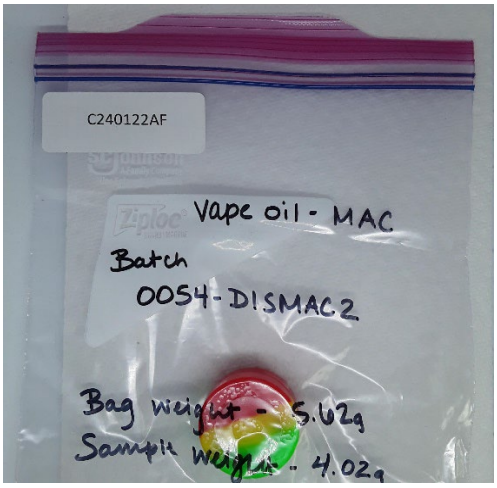
## Terpenes Summary

| Terpene | LOQ (mg/g) | Results (mg/g) | Weight (%) |
|---|---|---|---|
| α- Pinene | 0.010 | 4.294 | 0.429 |
| Camphene | 0.010 | 0.272 | 0.027 |
| β-Myrcene | 0.010 | 6.976 | 0.698 |
| b-Pinene | 0.010 | 2.638 | 0.264 |
| 3-Carene | 0.010 | <LOQ | <LOQ |
| α-Terpinene | 0.010 | <LOQ | <LOQ |
| Limonene | 0.010 | 7.003 | 0.700 |
| ρ-Cymene | 0.010 | <LOQ | <LOQ |
| Ocimene | 0.010 | <LOQ | <LOQ |
| Eucalyptol | 0.010 | 0.237 | 0.024 |
| ϒ-Terpinene | 0.010 | 0.124 | 0.012 |
| Terpinolene | 0.010 | 2.174 | 0.217 |
| Linalool | 0.010 | 2.207 | 0.221 |
| Isopulegol | 0.010 | <LOQ | <LOQ |
| Geraniol | 0.010 | <LOQ | <LOQ |
| Caryophyllene | 0.010 | 3.244 | 0.324 |
| α-Humulene | 0.010 | 1.426 | 0.143 |
| Trans-Nerolidol | 0.010 | <LOQ | <LOQ |
| Cis-Nerolidol | 0.010 | <LOQ | <LOQ |
| Guaiol | 0.010 | 0.079 | 0.008 |
| Caryophyllene Oxide | 0.010 | 0.036 | 0.004 |
| α-Bisabolol | 0.010 | 0.104 | 0.010 |
| **Total Terpenes** | | 30.814 | 3.081 |

| N/A |
|---|
| Percent Moisture |

LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS




Reagent Blanks: < LOQs for all analytes

All results reflect dry weight of material, based on % moisture of the sample.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



*Certified by:* Luke E. M
Luke Emerson Mason (Laboratory Director, Bia Diagnostics)