



Laboratory Report

*Amended

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| | | | |
|--|-------------------------|-------------------------|------------------------------|
| Folder # 2101966A | Order # 13734510 | Supplier | Elmore Mountain Therapeutics |
| Report Date 4/20/2021 | | Client Reference | --- |
| Elmore Mountain Therapeutics Attn: Colin Reynolds 59B Old Creamery Rd Morrisville, VT 05661 | | Inventory ID | 763118 |
| | | Client Sample ID | EMT G003 |
| | | Lot # | N/A |
| | | UPC | |

| Test | Method | Results |
|------|--------|---------|
|------|--------|---------|

Microbiological

| | | |
|--|--|-----------|
| Absence of Clostridium species, g | UL Doc ID 3943 - Equivalent to USP<2022> | Absent/1 |
| Absence of Escherichia coli, g | UL Doc ID 3943 - Equivalent to USP<2022> | Absent/10 |
| Absence of Salmonella species, g | UL Doc ID 3943 - Equivalent to USP<2022> | Absent/10 |
| Absence of Staphylococcus aureus, g | UL Doc ID 3943 - Equivalent to USP<2022> | Absent/10 |
| Aerobic Plate Count, CFU/g | UL Doc ID 3943 - Equivalent to USP<2021> | <10 |
| Enterobacterial Count (Bile Tolerant Gram) | UL Doc ID 3943 - Equivalent to USP<2021> | <10 |
| Total Combined Yeasts and Molds, | UL Doc ID 3943 - Equivalent to USP<2021> | <10 |

Analytical

| | | |
|--------------|---------------------|-------|
| Arsenic, ppm | CTN6339 and CTN6341 | <0.10 |
| Cadmium, ppm | CTN6339 and CTN6341 | <0.02 |
| Lead, ppm | CTN6339 and CTN6341 | <0.02 |
| Mercury, ppm | CTN6339 and CTN6341 | <0.10 |

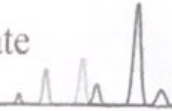
ProVerde Testing

| | | |
|------------------|--|-------------------------|
| Cannabinoids | Testing Performed by ProVerde Laboratories | Results Attached |
| Mycotoxins | Testing Performed by ProVerde Laboratories | Results Attached – Pass |
| Pesticides | Testing Performed by ProVerde Laboratories | Results Attached – Pass |
| Residual Solvent | Testing Performed by ProVerde Laboratories | Results Attached – Pass |

2101996A: Report amended to attach updated ProVerde report 4/20/2021

Amanda Ray, Client Services Specialist

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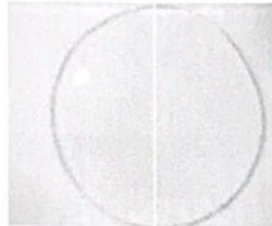
Certificate ID: **93095 (Reissued)** Received: **3/12/21**
 Client Sample ID: **EMTG003 2101966**
 Lot Number:
 Matrix: **Tincture/Infused Oil - Hemp Seed Oil**

Scan QR Code for authenticity



UL Verification Services Inc.
 85 John Road
 Canton, MA 02021
 Attn: Jessica Trahan

| | | |
|--|--|--------------------|
| Authorization: Chris Hudalla, Chief Science Officer | Signature: <i>Christopher Hudalla</i> | Date: 3/25/2021 |
|--|--|--------------------|



The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

CN: Cannabinoid Profile & Potency [W1-10-17 & W1-10-17-01] Analyst: AC Test Date: 3/19/2021

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations. Certificate has been updated to report concentration in units of mg/g.

93095-CN

| ID | Weight % | Concentration (mg/g) | |
|--------------|-------------|----------------------|--|
| D9-THC | 0.171 | 1.71 | |
| THCV | ND | ND | |
| CBD | 1.16 | 11.5 | |
| CBDV | ND | ND | |
| CBG | 7.03 | 70.3 | |
| CBC | 0.305 | 3.05 | |
| CBN | <LOQ | <LOQ | |
| THCA | ND | ND | |
| CBDA | 0.0369 | 0.369 | |
| CBGA | 0.599 | 5.99 | |
| D8-THC | ND | ND | |
| exo-THC | ND | ND | |
| Total | 9.30 | 93.0 | 0% Cannabinoids (wt%) 7.0% |
| Max THC | 0.171 | 1.71 | Limit of Quantitation (LOQ) = 0.0112 wt% |
| Max CBD | 1.19 | 11.9 | Limit of Detection (LOD) = 0.0037 wt% |

Ratio of Total CBD to THC 6.9:1

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LOD), which is one third of LOQ.

END OF REPORT



Certificate ID: **93630** Received: **3/31/21**
 Client Sample ID: **EMTG003 2101966**
 Lot Number:
 Matrix: **Tincture/Infused Oil - Hemp Seed Oil**



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85 John Road
Canton, MA 02021
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| | | |
|--|--|--------------------|
| Authorization: Chris Hudalla, Chief Science Officer | Signature: <i>Christopher Hudalla</i> | Date: 4/15/2021 |
|--|--|--------------------|



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MY: Mycotoxin Testing [WI-10-05]

Analyst: *SLC*

Test Date: *4/13/2021*

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

93630-MY

| Test ID | Date | Results | MDL | Limits | Status* |
|------------------|-----------|---------|-------|----------|---------|
| Total Aflatoxin | 4/13/2021 | < MDL | 2 ppb | < 20 ppb | PASS |
| Total Ochratoxin | 4/13/2021 | < MDL | 3 ppb | < 20 ppb | PASS |

PST: Pesticide Analysis [W1-10-11]

Analyst: CJS

Test Date: 4/7/2021

The client sample was analyzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662).

93630-PST

| Analyte | CAS | Result | Units | LLD | Limits (ppb) | Status |
|--------------------|-------------|--------|-------|------|--------------|--------|
| Abamectin | 71751-41-2 | ND | ppb | 0.20 | 10 | PASS |
| Spinosad | 168316-95-8 | ND | ppb | 0.10 | 10 | PASS |
| Pyrethrin | 8003-34-7 | ND | ppb | 0.10 | 10 | PASS |
| Trifloxystrobin | 141517-21-7 | ND | ppb | 0.10 | 100 | PASS |
| Spirotetramat | 203313-25-1 | ND | ppb | 0.10 | 100 | PASS |
| Spiromesifen | 283594-90-1 | ND | ppb | 0.10 | 100 | PASS |
| Piperonyl butoxide | 51-03-6 | ND | ppb | 0.10 | 3000 | PASS |
| Paclotrazol | 76738-62-0 | ND | ppb | 0.10 | 10 | PASS |
| Myclobutanil | 88671-89-0 | ND | ppb | 0.10 | 100 | PASS |
| Imidacloprid | 138261-41-3 | ND | ppb | 0.10 | 5000 | PASS |
| Imazalil | 35554-44-0 | ND | ppb | 0.10 | 10 | PASS |
| Fenoxycarb | 72490-01-8 | ND | ppb | 0.10 | 10 | PASS |
| Etoxazole | 153233-91-1 | ND | ppb | 0.10 | 100 | PASS |
| Dichlorvos | 62-73-7 | ND | ppb | 3.00 | 10 | PASS |
| Cyfluthrin | 68359-37-5 | ND | ppb | 0.50 | 2000 | PASS |
| Bifenthrin | 82657-04-3 | ND | ppb | 0.20 | 3000 | PASS |
| Bifenazate | 149877-41-8 | ND | ppb | 0.10 | 100 | PASS |
| Azoxystrobin | 131860-33-8 | ND | ppb | 0.10 | 100 | PASS |

* Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 5. ND indicates "none detected" above the lower limit of detection (LLD). Analytes marked with (*) indicate analytes for which no recovery was observed for a pre-spiked matrix sample due to matrix interference.

*VC: Analysis of Volatile Organic Compounds [WI-10-28]**Analyst: LC**Test Date: 4/3/2021*

The client sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations.

93630-VC

| Compound | CAS | Amount ¹ | Limit ² | RL | Status |
|--------------|----------|---------------------|--------------------|-----|--------|
| Propane | 74-98-6 | ND | 1,000 ppm | 100 | PASS |
| Isobutane | 75-28-5 | ND | 1,000 ppm | 100 | PASS |
| Butane | 106-97-8 | ND | 1,000 ppm | 100 | PASS |
| Methanol | 67-56-1 | ND | 3,000 ppm | 100 | PASS |
| Pentane | 109-66-0 | ND | 5,000 ppm | 100 | PASS |
| Ethanol | 64-17-5 | ND | 5,000 ppm | 100 | PASS |
| Acetone | 67-64-1 | ND | 5,000 ppm | 100 | PASS |
| Isopropanol | 67-63-0 | ND | 5,000 ppm | 100 | PASS |
| Acetonitrile | 75-05-8 | ND | 410 ppm | 100 | PASS |
| Hexane | 110-54-3 | ND | 290 ppm | 100 | PASS |
| Heptane | 142-82-5 | ND | 5,000 ppm | 100 | PASS |

1) ND = Not detected at a level greater than the Reporting Limit (RL).

2) In ppm, based on USP recommended limits for residual solvents, adopted by the Massachusetts Department of Public Health for cannabis concentrates and extracts on 3/31/16. Butane/Propane limits are based on limits established for state of Colorado.

(*) For ethanol, as many formulations contain flavorings based on ethanol extracts of natural products, no status has been assigned.

END OF REPORT