



## Laboratory Report

UL  
85 John Road  
Canton, MA 02021  
Phone: 781-821-2200  
Fax: 781-821-9266  
www.UL.com

|  |                         |                         |                              |
|--|-------------------------|-------------------------|------------------------------|
| <b>Folder #</b> 2017918  | <b>Order #</b> 13665258 | <b>Supplier</b>         | Elmore Mountain Therapeutics |
| <b>Report Date</b> 1/6/2021  |                         | <b>Client Reference</b> | ---                          |
| Elmore Mountain Therapeutics<br>Attn: Colin Reynolds<br>59B Old Creamery Rd<br>Morrisville, VT 05661 |                         | <b>Inventory ID</b>     | 756914                       |
|  |                         | <b>Client Sample ID</b> | EMT 0054                     |
|  |                         | <b>Lot #</b>            | N/A                          |
|  |                         | <b>UPC</b>              |                              |

| 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 Negative Bacteria), MPN/g | UL Doc ID 3943 - Equivalent to USP<2021> | <10       |
| Total Combined Yeasts and Molds, CFU/g                              | UL Doc ID 3943 - Equivalent to USP<2021> | <10       |

### Analytical

|                   |  |                         |
|-------------------|--|-------------------------|
| Arsenic, ppm      | CTN6339 and CTN6340                        | 0.15                    |
| Cadmium, ppm      | CTN6339 and CTN6340                        | <0.03                   |
| Lead, ppm         | CTN6339 and CTN6340                        | <0.03                   |
| Mercury, ppm      | CTN 6345                                   | <0.13                   |
| Mycotoxins        | Testing Performed by ProVerde Laboratories | Results Attached - Pass |
| Pesticides        | Testing Performed by ProVerde Laboratories | Results Attached - Pass |
| Residual Solvents | Testing Performed by ProVerde Laboratories | Results Attached - Pass |

**Amanda Ray**

Digitally signed by Amanda Ray  
Date: 2021.01.06 11:53:27  
-05'00'

Note: Anything reported yielding a less than symbol (<) dictates a Limit of Quantification result.

Amanda Ray, Client Services Specialist

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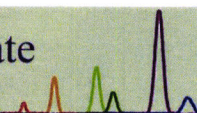
|  |                         |                         |                              |
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|  |                         | <b>Lot #</b>            | N/A                          |
|  |                         | <b>UPC</b>              |                              |

| Test   | Method              | Results       |
|--|---------------------|---------------|
| <b>Cannabinoids</b>                            | <b>UL Doc# 8070</b> | <b>% mg/g</b> |
| CBC (Cannabichromene)                          | UL Doc# 8070        | <0.02 <0.20   |
| CBD (Cannabidiol)                              | UL Doc# 8070        | 5.901 59.011  |
| CBDA (Cannabidiolic Acid)                      | UL Doc# 8070        | 0.379 3.795   |
| CBDV (Cannabidivarin)                          | UL Doc# 8070        | 0.037 0.365   |
| CBG (Cannibigerol)                             | UL Doc# 8070        | 0.072 0.722   |
| CBGA (Cannabigerolic Acid)                     | UL Doc# 8070        | <0.02 <0.20   |
| CBN (Cannabinol)                               | UL Doc# 8070        | <0.02 <0.20   |
| Delta8-THC (trans-delta8-Tetrahydrocannabinol) | UL Doc# 8070        | <0.02 <0.20   |
| Delta9-THC (trans-delta9-Tetrahydrocannabinol) | UL Doc# 8070        | 0.266 2.662   |
| THCA-A (Delta9-Tetrahydrocannabinolic Acid)    | UL Doc# 8070        | <0.02 <0.20   |
| THCV (Tetrahydrocannabivarin)                  | UL Doc# 8070        | <0.02 <0.20   |
| Total Cannabinoids                             | UL Doc# 8070        | 6.845 68.453  |

Note: Anything reported yielding a less than symbol (<) dictates a Limit of Quantification result.

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 Certificate ID: **90991**

 Received: **12/21/20**

 Scan QR Code  
for authenticity

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

 Client Sample ID: **2017918 EMT 0054**

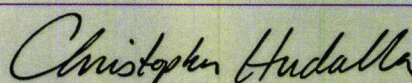
Lot Number:

 Matrix: **Tincture/Infused Oil - Hemp Seed Oil**

Authorization:

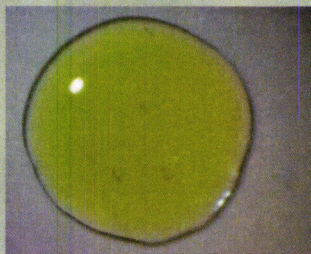
Chris Hudalla, Chief Science Officer

Signature:



Date:

1/5/2021



The data contained within this report was collected in accordance with the requirements of ISO/IEC 17025:2017. 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.

## MY: Mycotoxin Testing [WI-10-05]

 Analyst: *AEG*

 Test Date: *12/24/2020*

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.

### 90991-MY

| Test ID          | Date       | Results | MDL   | Limits   | Status* |
|------------------|------------|---------|-------|----------|---------|
| Total Aflatoxin  | 12/24/2020 | < MDL   | 2 ppb | < 20 ppb | PASS    |
| Total Ochratoxin | 12/24/2020 | < MDL   | 3 ppb | < 20 ppb | PASS    |

## PST: Pesticide Analysis [WI-10-11]

 Analyst: *CJR*

 Test Date: *12/29/2020*

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).

### 90991-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   |
| Paclobutrazol      | 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   |



|              |             |    |     |      |      |      |
|--------------|-------------|----|-----|------|------|------|
| Etoazole     | 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: AEG

Test Date: 12/29/2020

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.

**90991-VC**

| Compound     | CAS      | Amount <sup>1</sup> | Limit <sup>2</sup> | 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**