

Eurofins Microbiology Laboratories (New England)

646 Camp Ave.
 North Kingstown, RI 02852
 +1 401 352 6950
 Micro-NewEngland@EurofinsUS.com

Elmore Mountain Therapeutics

Sarah Knowlton
 59B Old Creamery Road
 Morrisville, VT 05661

ANALYTICAL REPORT

AR-21-UC-011397-01

Client Code: UC0000245
PO#: EMT 0058

Received On: 01Dec2021
Reported On: 23Dec2021

Eurofins Sample Code: 126-2021-12010103 **Sample Registration Date:** 01Dec2021
Client Sample Code: EMT 0058 **Condition Upon Receipt:** acceptable, 19°C
Sample Description: CBD tincture in hemp seed carrier oil **Sample Reference:**

FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference	Accreditation	Completed	Sub
	AOAC 2011.19 and 993.14 (modified)	ISO/IEC 17025:2017 A2LA 2918.01	17Dec2021	3

Parameter	Result
Arsenic	<10.0 ppb
Cadmium	<5.00 ppb
Lead	<5.00 ppb
Mercury	<5.00 ppb

FS00D - Industrial Hemp Cannabinoid Profile	Reference	Accreditation	Completed	Sub
	AOAC 2018.11	ISO/IEC 17025:2017 A2LA 2918.01	23Dec2021	3

Parameter	Result
CBD	57.2 mg/ml
CBDA	1.1000 mg/ml
CBN	0.107 mg/ml
Delta 9-THC	2.44 mg/ml
THCA	<0.0157 mg/ml
CBC	1.77 mg/ml
CBDVA	<0.00369 mg/ml
CBG	0.486 mg/ml
CBGA	<0.00369 mg/ml
CBDV	0.405 mg/ml
THCV	<0.00738 mg/ml
Total Cannabinoids	63.8 mg/ml
Total THC (THC + (THCA x 0.877))	2.44 mg/ml
Total CBD (CBD + (CBDA x 0.877))	58.2 mg/ml
CBCA	0.0562 mg/ml
CBL	0.0853 mg/ml

Sarah Knowlton
59B Old Creamery Road
Morrisville, VT 05661

ANALYTICAL REPORT

AR-21-UC-011397-01

Received On: 01Dec2021

Reported On: 23Dec2021

Eurofins Sample Code: 126-2021-12010103**Sample Registration Date:** 01Dec2021**Client Sample Code:** EMT 0058**Condition Upon Receipt:** acceptable, 19°C**Sample Description:** CBD tincture in hemp seed carrier oil**Sample Reference:****FS00D - Industrial Hemp Cannabinoid Profile****Reference**
AOAC 2018.11**Accreditation**
ISO/IEC 17025:2017
A2LA 2918.01**Completed**
23Dec2021**Sub**
3**Parameter****Result**

CBNA	<0.00369 mg/ml
THCVA	<0.00369 mg/ml
Delta 8-THC	0.095 mg/ml

FS0G7 - Residual Solvent Analysis**Reference**
Internal method**Completed**
17Dec2021**Sub**
3**Parameter****Result**

2,2-Dimethylpentane	<50.0 ppm
1,2-Dichloroethane	<1.0 ppm
2,2,3-Trimethylbutane	<50.0 ppm
2,3-Dimethylpentane	<50.0 ppm
2,4-Dimethylpentane	<50.0 ppm
2,2-Dimethylbutane	<25.0 ppm
2,3-Dimethylbutane	<25.0 ppm
2-Methylhexane	<50.0 ppm
2-Methylpentane	<25.0 ppm
2-Propanol	<500 ppm
3,3-Dimethylpentane	<50.0 ppm
3-Ethylpentane	<50.0 ppm
3-Methylhexane	<50.0 ppm
3-Methylpentane	<25.0 ppm
Acetone	<200 ppm
Acetonitrile	<200 ppm
Benzene	<1.0 ppm
Sum of Butanes	<1,000 ppm
Chloroform	<1.0 ppm
Ethyl Ether	<500 ppm
Ethanol	<500 ppm
Ethyl Acetate	<500 ppm
Xylenes-1 (Ethylbenzene)	<40.0 ppm
Ethylene Oxide	<25.0 ppm
Isobutane (2-Methylpropane)	<500 ppm
Xylenes-2 (m- p-Xylene)	<140 ppm
Methanol	<500 ppm

Sarah Knowlton
59B Old Creamery Road
Morrisville, VT 05661

ANALYTICAL REPORT

AR-21-UC-011397-01

Received On: 01Dec2021

Reported On: 23Dec2021

Eurofins Sample Code: 126-2021-12010103**Sample Registration Date:** 01Dec2021**Client Sample Code:** EMT 0058**Condition Upon Receipt:** acceptable, 19°C**Sample Description:** CBD tincture in hemp seed carrier oil**Sample Reference:****FS0G7 - Residual Solvent Analysis****Reference**
Internal method**Completed**
17Dec2021**Sub**
3**Parameter****Result**

Methylene Chloride	<1.0 ppm
n-Butane	<500 ppm
n-Heptane	<50.0 ppm
n-Hexane	<30.0 ppm
n-Pentane	<25.0 ppm
Xylenes-3 (o-Xylene)	<20.0 ppm
Sum of Petroleum Ether	<125 ppm
Propane	<1,000 ppm
Sum of Heptanes	<450 ppm
Sum of Xylenes	<200 ppm
Toluene	<90.0 ppm
Trichloroethylene	<1.0 ppm

FS0SG - Density**Reference**
NIST Handbook 133 (modified)**Accreditation**
ISO/IEC 17025:2017
A2LA 2918.01**Completed**
23Dec2021**Sub**
3**Parameter****Result**

Density	0.922 g/ml
---------	------------

FSMRH - Mycotoxins in Hemp**Reference**
Anal.Bioanal.Chem. (2012)
402:2675-2686**Accreditation**
ISO/IEC 17025:2017
A2LA 2918.01**Completed**
17Dec2021**Sub**
3**Parameter****Result**

Aflatoxin B1	<0.500 ppb
Aflatoxin B2	<0.500 ppb
Aflatoxin G1	<0.500 ppb
Aflatoxin G2	<0.500 ppb
Ochratoxin A	<1.00 ppb

FSPHB - Multi-Residue Analysis for hemp**Reference**
AOAC 2007.01 (mod.), EN 15662**Accreditation**
ISO/IEC 17025:2017
A2LA 2918.01**Completed**
17Dec2021**Sub**
3**Parameter****Result**

Abamectin	<0.30 mg/kg
Azoxystrobin	<0.10 mg/kg
Bifenazate	<0.10 mg/kg
Bifenthrin	<0.10 mg/kg

Sarah Knowlton
59B Old Creamery Road
Morrisville, VT 05661

ANALYTICAL REPORT

AR-21-UC-011397-01

Received On: 01Dec2021

Reported On: 23Dec2021

Eurofins Sample Code: 126-2021-12010103**Sample Registration Date:** 01Dec2021**Client Sample Code:** EMT 0058**Condition Upon Receipt:** acceptable, 19°C**Sample Description:** CBD tincture in hemp seed carrier oil**Sample Reference:****FSPHB - Multi-Residue Analysis for hemp****Reference**

AOAC 2007.01 (mod.), EN 15662

AccreditationISO/IEC 17025:2017
A2LA 2918.01**Completed**

17Dec2021

Sub

3

Parameter**Result**

Cyfluthrin	<0.10 mg/kg
Dichlorvos	<0.10 mg/kg
Etoxazole	<0.10 mg/kg
Fenoxycarb	<0.10 mg/kg
Imazalil (any ratio of constituent isomers)	<0.10 mg/kg
Imidacloprid	<0.10 mg/kg
Myclobutanil (sum of constituent isomers)	<0.10 mg/kg
Paclobutrazol	<0.10 mg/kg
Piperonyl butoxide	<0.10 mg/kg
Pyrethrum (total)	<1.0 mg/kg
Spinosad (spinosyns A and D)	<0.10 mg/kg
Spiromesifen	<0.10 mg/kg
Spirotetramat	<0.10 mg/kg
Trifloxystrobin	<0.10 mg/kg

UM7NN - Total Combined Yeasts/Moulds Count - USP Chapter <61>**Reference**

U.S. Pharmacopeia Chapter 61

Completed

20Dec2021

Sub

2

Parameter**Result**

Total Combined Yeasts/Moulds Count	< 10 cfu/g
------------------------------------	------------

UMGSH - Salmonella - USP Chapter <62>**Reference**

U.S. Pharmacopeia Chapter 62

Completed

06Dec2021

Sub

1

Parameter**Result**

Salmonella	Not Detected per 10 g
------------	-----------------------

ZMDHN - Clostridium spp. - USP Chapter <62>**Reference**

U.S. Pharmacopeia Chapter 62

Completed

17Dec2021

Sub

4

Parameter**Result**

Clostridium spp.	Not Detected per g
------------------	--------------------

ZMDHP - Escherichia Coli - USP Chapter <62>**Reference**

U.S. Pharmacopeia Chapter 62

Completed

17Dec2021

Sub

4

Parameter**Result**

Escherichia Coli	Not Detected per g
------------------	--------------------

Sarah Knowlton
59B Old Creamery Road
Morrisville, VT 05661

ANALYTICAL REPORT

AR-21-UC-011397-01

Received On: 01Dec2021

Reported On: 23Dec2021

Eurofins Sample Code: 126-2021-12010103	Sample Registration Date: 01Dec2021
Client Sample Code: EMT 0058	Condition Upon Receipt: acceptable, 19°C
Sample Description: CBD tincture in hemp seed carrier oil	Sample Reference:

ZMDHS - Bile-Tolerant Gram Negative Bacteria - USP Chapter <62>	Reference U.S. Pharmacopeia Chapter 62	Completed 17Dec2021	Sub 4
------------------------------------------------------------------------------	--------------------------------------------------	-------------------------------	-----------------

Parameter Bile-Tolerant Gram Negative Bacteria	Result Not Detected per g
----------------------------------------------------------	-------------------------------------

ZMDHU - Staphylococcus aureus - USP Chapter <62>	Reference U.S. Pharmacopeia Chapter 62	Completed 17Dec2021	Sub 4
---------------------------------------------------------------	--------------------------------------------------	-------------------------------	-----------------

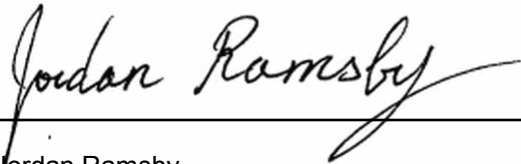
Parameter Staphylococcus aureus	Result Not Detected per g
-------------------------------------------	-------------------------------------

ZME8X - Total Aerobic Microbial Count - USP Chapter <61>	Reference U.S. Pharmacopeia Chapter 61	Completed 17Dec2021	Sub 4
-----------------------------------------------------------------------	--------------------------------------------------	-------------------------------	-----------------

Parameter Total Aerobic Microbial Count	Result <100 cfu/g
---------------------------------------------------	-----------------------------

- Subcontracting partners:
- 1 - Eurofins Microbiology Laboratories (Des Moines), IA
 - 2 - Eurofins Microbiology Laboratories (Lancaster), PA
 - 3 - Eurofins Food Chemistry Testing US Madison, WI
 - 4 - Eurofins Microbiology Lab Madison, WI

Respectfully Submitted,



 Jordan Ramsby
 Deputy Supervisor and Team Leader

Results shown in this report relate solely to the item submitted for analysis. | Any opinions/interpretations expressed on this report are given independent of the laboratory's scope of accreditation. | All results are reported on an "As Received" basis unless otherwise stated. | Reports shall not be reproduced except in full without written permission of Eurofins Scientific, Inc. | All work done in accordance with Eurofins General Terms and Conditions of Sale: www.eurofinsus.com/terms_and_conditions.pdf | √ Indicates a subcontract test to a different lab. Lab(s) are listed at end of the report. For further details about the performing labs please contact your customer service contact at Eurofins. Measurement of uncertainty can be obtained upon request.