

Eurofins Microbiology Laboratories (New England)

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

Elmore Mountain Therapeutics

 Colin Reynolds
 59B Old Creamery Road
 Morrisville, VT 05661

ANALYTICAL REPORT

AR-23-UC-002720-01

Client Code: UC0000245

PO#: EMT_MC_005

Received On: 30Jan2023

Reported On: 16Feb2023

Eurofins Sample Code: 126-2023-01300023	Sample Registration Date: 30Jan2023
Client Sample Code: MC_005	Condition Upon Receipt: acceptable, 17.7°C
Sample Description: Medi-Cool Recovery Balm	Sample Reference:

FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference	Accreditation	Completed	Sub
	AOAC 2011.19, 993.14 and 2015.01 (modified)		16Feb2023	2

Parameter	Result
Arsenic	<100 ppb
Cadmium	<50.0 ppb
Lead	<50.0 ppb
Mercury	<50.0 ppb

FS00D - Industrial Hemp Cannabinoid Profile	Reference	Accreditation	Completed	Sub
	AOAC 2018.11 (modified)		16Feb2023	2

Parameter	Result
Total THC (THC + (THCA x 0.877))	0.183 mg/g
Cannabichromene (CBC)	0.134 mg/g
Cannabichromenic Acid (CBCA)	<0.017 mg/g
Cannabicyclol (CBL)	<0.004 mg/g
Cannabidiol (CBD)	4.52 mg/g
Cannabidiolic Acid (CBDA)	0.152 mg/g
Cannabidivarin (CBDV)	0.045 mg/g
Cannabidivarinic Acid (CBDVA)	<0.004 mg/g
Cannabigerol (CBG)	0.040 mg/g
Cannabigerolic Acid (CBGA)	<0.004 mg/g
Cannabinol (CBN)	<0.0250 mg/g
Cannabinolic Acid (CBNA)	<0.004 mg/g
Delta 8-THC	<0.017 mg/g
Delta 9-THC	0.183 mg/g
Tetrahydrocannabinolic acid (THCA)	<0.017 mg/g
Tetrahydrocannabivarin (THCV)	<0.008 mg/g
Tetrahydrocannabivarinic Acid (THCVA)	<0.004 mg/g
Total Cannabinoids	5.07 mg/g

ANALYTICAL REPORT

Eurofins Sample Code:	126-2023-01300023	Sample Registration Date:	30Jan2023
Client Sample Code:	MC_005	Condition Upon Receipt:	acceptable, 17.7°C
Sample Description:	Medi-Cool Recovery Balm	Sample Reference:	

FS00D - Industrial Hemp Cannabinoid Profile	Reference	Accreditation	Completed	Sub
	AOAC 2018.11 (modified)		16Feb2023	2

Parameter	Result
Total CBD (CBD + (CBDA x 0.877))	4.65 mg/g

FS0G7 - Residual Solvent Analysis	Reference	Accreditation	Completed	Sub
	Internal method		16Feb2023	2

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
Methylene Chloride	<1.0 ppm
n-Butane	<500 ppm
n-Heptane	<50.0 ppm
n-Hexane	<30.0 ppm

Colin Reynolds
59B Old Creamery Road
Morrisville, VT 05661

ANALYTICAL REPORT

AR-23-UC-002720-01

Received On: 30Jan2023

Reported On: 16Feb2023

Eurofins Sample Code: 126-2023-01300023	Sample Registration Date: 30Jan2023
Client Sample Code: MC_005	Condition Upon Receipt: acceptable, 17.7°C
Sample Description: Medi-Cool Recovery Balm	Sample Reference:

FS0G7 - Residual Solvent Analysis	Reference Internal method	Accreditation	Completed 16Feb2023	Sub 2
--	-------------------------------------	----------------------	-------------------------------	-----------------

Parameter	Result
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	Completed 16Feb2023	Sub 2
------------------------	--	----------------------	-------------------------------	-----------------

Parameter	Result
Specific Gravity	0.863 g/ml

FSMRH - Mycotoxins in Hemp	Reference Anal.Bioanal.Chem. (2012) 402:2675-2681	Accreditation	Completed 16Feb2023	Sub 2
-----------------------------------	---	----------------------	-------------------------------	-----------------

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	Completed 16Feb2023	Sub 2
--	---	----------------------	-------------------------------	-----------------

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

Colin Reynolds
59B Old Creamery Road
Morrisville, VT 05661

ANALYTICAL REPORT

AR-23-UC-002720-01

Received On: 30Jan2023

Reported On: 16Feb2023

Eurofins Sample Code: 126-2023-01300023	Sample Registration Date: 30Jan2023
Client Sample Code: MC_005	Condition Upon Receipt: acceptable, 17.7°C
Sample Description: Medi-Cool Recovery Balm	Sample Reference:

FSPHB - Multi-Residue Analysis for hemp Reference	Accreditation	Completed	Sub
AOAC 2007.01 (mod.), EN 15662		16Feb2023	2

Parameter	Result
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	Accreditation	Completed	Sub
	U.S. Pharmacopeia Chapter 61		14Feb2023	3

Parameter	Result
Total Combined Yeasts/Moulds Count	< 10 cfu/g

UMGSH - Salmonella - USP Chapter <62> - Without Suitability	Reference	Accreditation	Completed	Sub
	USP Chapter <62> - Without Suitability		10Feb2023	1

Parameter	Result
Salmonella	Not Detected per 10 g

ZMDHN - Clostridium spp. - USP Chapter <62>	Reference	Accreditation	Completed	Sub
	U.S. Pharmacopeia Chapter 62		14Feb2023	3

Parameter	Result
Clostridium spp.	Not Detected per g

ZMDHP - Escherichia Coli - USP Chapter <62>	Reference	Accreditation	Completed	Sub
	U.S. Pharmacopeia Chapter 62		14Feb2023	3

Parameter	Result
Escherichia Coli	Not Detected per g

ZMDHS - Bile-Tolerant Gram Negative Bacteria - USP Chapter <62>	Reference	Accreditation	Completed	Sub
	U.S. Pharmacopeia Chapter 62		14Feb2023	3

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

ZMDHU - Staphylococcus aureus - USP Chapter <62>	Reference	Accreditation	Completed	Sub
	U.S. Pharmacopeia Chapter 62		14Feb2023	3

Parameter	Result
-----------	--------

ANALYTICAL REPORT

AR-23-UC-002720-01

Client Code: UC0000245

PO#: EMT_MC_005

Received On: 30Jan2023

Reported On: 16Feb2023

Eurofins Sample Code:	126-2023-01300023	Sample Registration Date:	30Jan2023
Client Sample Code:	MC_005	Condition Upon Receipt:	acceptable, 17.7°C
Sample Description:	Medi-Cool Recovery Balm	Sample Reference:	

ZMDHU - Staphylococcus aureus - USP Chapter <62>	Reference	Accreditation	Completed	Sub
	U.S. Pharmacopeia Chapter 62		14Feb2023	3

Parameter	Result
Staphylococcus aureus	Not Detected per g

ZME8I - Total Aerobic Microbial Count - USP Chapter <61>	Reference	Accreditation	Completed	Sub
	U.S. Pharmacopeia Chapter 61		14Feb2023	3

Parameter	Result
Total Aerobic Microbial Count	< 10 cfu/g

Subcontracting partners:

- 1 - Eurofins Microbiology Laboratories (Des Moines), IA
- 2 - Eurofins Food Chemistry Testing US Madison, WI
- 3 - Eurofins Microbiology Lab Madison, Wisconsin

Respectfully Submitted,



Jordan Ramsby
Microbiologist

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.