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Elmore Mountain Therapeutics

Colin Reynolds
 59B Old Creamery Road
 Morrisville, VT 05661

Client Code: UC0000245
PO#: EMT_MC_006

Received On: 19Sep2023
Reported On: 05Oct2023

ANALYTICAL REPORT

AR-23-UC-017095-02
 Report Supersedes AR-23-UC-017095-01

Eurofins Sample Code:	126-2023-09190084	Sample Registration Date:	19Sep2023
Client Sample Code:	MC_006	Condition Upon Receipt:	acceptable, 22.6°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)		02Oct2023	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)		05Oct2023	2

Parameter	Result
Total THC (THC + (THCA x 0.877))	0.165 mg/g
Cannabichromene (CBC)	0.128 mg/g
Cannabicyclol (CBL)	<0.0250 mg/g
Cannabidiol (CBD)	4.21 mg/g
Cannabidiolic Acid (CBDA)	0.109 mg/g
Cannabidivarin (CBDV)	0.039 mg/g
Cannabigerol (CBG)	0.030 mg/g
Cannabinol (CBN)	<0.0250 mg/g
Delta 9-THC	0.165 mg/g
Total Cannabinoids	4.68 mg/g
Total CBD (CBD + (CBDA x 0.877))	4.31 mg/g

FS0G7 - Residual Solvent Analysis	Reference	Accreditation	Completed	Sub
	Internal method		02Oct2023	2

Parameter	Result
2,2-Dimethylpentane	<50.0 ppm
1,2-Dichloroethane	<1.0 ppm
2,2,3-Trimethylbutane	<50.0 ppm

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FS0G7 - Residual Solvent Analysis	Reference Internal method	Accreditation	Completed 02Oct2023	Sub 2
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Parameter	Result
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
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

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FS0SG - Density	Reference	Accreditation	Completed	Sub
	NIST Handbook 133 (modified)		02Oct2023	2

Parameter	Result
Specific Gravity	0.894 g/ml

FSMRH - Mycotoxins in Hemp	Reference	Accreditation	Completed	Sub
	Anal.Bioanal.Chem. (2012) 402:2675-2681		02Oct2023	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	Accreditation	Completed	Sub
	AOAC 2007.01 (mod.), EN 15662		02Oct2023	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	<0.10 mg/kg
Imidacloprid	<0.10 mg/kg
Myclobutanil	<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		28Sep2023	3

Parameter	Result
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UM7NN - Total Combined Yeasts/Moulds Count - USP Chapter <61>	Reference U.S. Pharmacopeia Chapter 61	Accreditation	Completed 28Sep2023	Sub 3
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Parameter	Result
Total Combined Yeasts/Moulds Count	< 10 cfu/g

UMGSH - Salmonella - USP Chapter <62> - Without Suitability	Reference USP Chapter <62> - Without Suitability	Accreditation	Completed 25Sep2023	Sub 1
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Parameter	Result
Salmonella spp.	Not Detected per 10 g

ZMDHN - Clostridium spp. - USP Chapter <62>	Reference U.S. Pharmacopeia Chapter 62	Accreditation	Completed 28Sep2023	Sub 3
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Parameter	Result
Clostridium spp.	Not Detected per g

ZMDHP - Escherichia Coli - USP Chapter <62>	Reference U.S. Pharmacopeia Chapter 62	Accreditation	Completed 28Sep2023	Sub 3
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Parameter	Result
E. coli	Not Detected per g

ZMDHS - Bile-Tolerant Gram Negative Bacteria - USP Chapter <62>	Reference U.S. Pharmacopeia Chapter 62	Accreditation	Completed 28Sep2023	Sub 3
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Parameter	Result
Bile-Tolerant Gram Negative Bacteria	Not Detected per g

ZMDHU - Staphylococcus aureus - USP Chapter <62>	Reference U.S. Pharmacopeia Chapter 62	Accreditation	Completed 28Sep2023	Sub 3
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Parameter	Result
Staphylococcus aureus	Not Detected per g

ZME8I - Total Aerobic Microbial Count - USP Chapter <61>	Reference U.S. Pharmacopeia Chapter 61	Accreditation	Completed 28Sep2023	Sub 3
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Parameter	Result
Total Aerobic Microbial Count	< 10 cfu/g

Comments:

V2: Test code FS00D: Industrial Hemp Cannabinoid Profile has its reported value limits adjusted from % to mg/g per client request.

Subcontracting partners:

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-
- 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

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