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Elmore Mountain Therapeutics

Colin Reynolds
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Client Code: UC0000245
PO#: EMT_MC_004

Received On: 06Jul2022
Reported On: 12Aug2022

ANALYTICAL REPORT

AR-22-UC-012214-01

Eurofins Sample Code: 126-2022-07060154	Sample Registration Date: 06Jul2022
Client Sample Code: MC_004	Condition Upon Receipt: acceptable, 31.1°C
Sample Description: Medi-Cool Recovery Balm	Sample Reference:

FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference AOAC 2011.19, 993.14 and 2015.01 (modified)	Accreditation	Completed 19Jul2022	Sub 2
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Parameter	Result
Arsenic	<100 ppb
Cadmium	<50.0 ppb
Lead	<50.0 ppb
Mercury	<50.0 ppb

FS00D - Industrial Hemp Cannabinoid Profile	Reference AOAC 2018.11 (modified)	Accreditation	Completed 20Jul2022	Sub 2
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Parameter	Result
Total THC (THC + (THCA x 0.877))	0.162 mg/g
Cannabichromene (CBC)	0.135 mg/g
Cannabichromenic Acid (CBCA)	<0.017 mg/g
Cannabicyclol (CBL)	<0.004 mg/g
Cannabidiol (CBD)	4.09 mg/g
Cannabidiolic Acid (CBDA)	0.119 mg/g
Cannabidivarin (CBDV)	<0.0250 mg/g
Cannabidivarinic Acid (CBDVA)	<0.004 mg/g
Cannabigerol (CBG)	<0.0250 mg/g
Cannabigerolic Acid (CBGA)	<0.004 mg/g
Cannabinol (CBN)	<0.004 mg/g
Cannabinolic Acid (CBNA)	<0.004 mg/g
Delta 8-THC	<0.017 mg/g
Delta 9-THC	0.162 mg/g
Tetrahydrocannabinolic acid (THCA)	<0.017 mg/g
Tetrahydrocannabivarin (THCV)	<0.008 mg/g
Tetrahydrocannabivarinic Acid (THCVA)	<0.004 mg/g
Total Cannabinoids	4.51 mg/g

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FS00D - Industrial Hemp Cannabinoid Profile	Reference	Accreditation	Completed	Sub
	AOAC 2018.11 (modified)		20Jul2022	2

Parameter	Result
Total CBD (CBD + (CBDA x 0.877))	4.19 mg/g

FS0G7 - Residual Solvent Analysis	Reference	Accreditation	Completed	Sub
	Internal method		19Jul2022	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

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FS0G7 - Residual Solvent Analysis	Reference Internal method	Accreditation	Completed 19Jul2022	Sub 2
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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

FSMRH - Mycotoxins in Hemp	Reference Anal.Bioanal.Chem. (2012) 402:2675-2686	Accreditation	Completed 19Jul2022	Sub 2
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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 19Jul2022	Sub 2
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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
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

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FSPHB - Multi-Residue Analysis for hemp	Reference	Accreditation	Completed	Sub
	AOAC 2007.01 (mod.), EN 15662		19Jul2022	2
Parameter	Result			
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		12Aug2022	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		11Jul2022	1
Parameter	Result			
Salmonella	Not Detected per 10 g			
ZMDHN - Clostridium spp. - USP Chapter <62>	Reference	Accreditation	Completed	Sub
	U.S. Pharmacopeia Chapter 62		12Aug2022	3
Parameter	Result			
Clostridium spp.	Not Detected per g			
ZMDHP - Escherichia Coli - USP Chapter <62>	Reference	Accreditation	Completed	Sub
	U.S. Pharmacopeia Chapter 62		12Aug2022	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		12Aug2022	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		12Aug2022	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		12Aug2022	3
Parameter	Result			
Total Aerobic Microbial Count	< 10 cfu/g			

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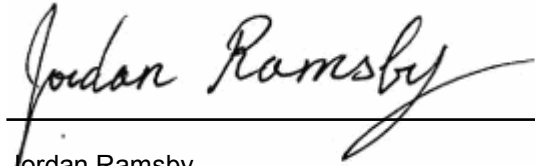
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Subcontracting partners:

- 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

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