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Elmore Mountain Therapeutics

Colin Reynolds
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Client Code: UC0000245
PO#: OG_004

Received On: 14Jul2022
Reported On: 26Jul2022

ANALYTICAL REPORT

AR-22-UC-011286-02
 Report Supersedes AR-22-UC-011286-01

Eurofins Sample Code: 126-2022-07140224	Sample Registration Date: 14Jul2022
Client Sample Code: EMT_OG_004	Condition Upon Receipt: acceptable, 24.2°C
Sample Description: Lavender Balm	Sample Reference:

FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference	Accreditation	Completed	Sub
	AOAC 2011.19 and 993.14 (modified)		25Jul2022	2
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 (modified)		26Jul2022	2
Parameter	Result			
Total THC (THC + (THCA x 0.877))	0.178 mg/g			
Cannabichromene (CBC)	0.128 mg/g			
Cannabichromenic Acid (CBCA)	<0.017 mg/g			
Cannabicyclol (CBL)	<0.004 mg/g			
Cannabidiol (CBD)	4.30 mg/g			
Cannabidiolic Acid (CBDA)	0.105 mg/g			
Cannabidivarin (CBDV)	0.0403 mg/g			
Cannabidivarinic Acid (CBDVA)	<0.004 mg/g			
Cannabigerol (CBG)	0.0321 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	0.178 mg/g			
Tetrahydrocannabinolic acid (THCA)	<0.017 mg/g			
Tetrahydrocannabivarin (THCV)	<0.008 mg/g			
Tetrahydrocannabivarinic Acid (THCVA)	<0.004 mg/g			
Total Cannabinoids	4.78 mg/g			
Total CBD (CBD + (CBDA x 0.877))	4.39 mg/g			

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Sample Description: Lavender Balm	Sample Reference:

FS0G7 - Residual Solvent Analysis	Reference Internal method	Accreditation	Completed 25Jul2022	Sub 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			
n-Pentane	<25.0 ppm			
Xylenes-3 (o-Xylene)	<20.0 ppm			
Sum of Petroleum Ether	<125 ppm			
Propane	<1,000 ppm			

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FSOG7 - Residual Solvent Analysis	Reference Internal method	Accreditation	Completed 25Jul2022	Sub 2
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Parameter	Result
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 25Jul2022	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 25Jul2022	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
Spiromesifen	<0.10 mg/kg
Spirotetramat	<0.10 mg/kg
Trifloxystrobin	<0.10 mg/kg

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Sample Description:	Lavender Balm	Sample Reference:	

UM7NN - Total Combined Yeasts/Moulds Count - USP Chapter <61>	Reference	Accreditation	Completed	Sub
	U.S. Pharmacopeia Chapter 61		26Jul2022	3

Parameter	Result
Total Combined Yeasts/Moulds Count	< 100 cfu/g

UMGSH - Salmonella - USP Chapter <62> - Without Suitability	Reference	Accreditation	Completed	Sub
	USP Chapter <62> - Without Suitability		19Jul2022	1

Parameter	Result
Salmonella	Not Detected per 10 g

ZMDHN - Clostridium spp. - USP Chapter <62>	Reference	Accreditation	Completed	Sub
	U.S. Pharmacopeia Chapter 62		25Jul2022	3

Parameter	Result
Clostridium spp.	Not Detected per g

ZMDHP - Escherichia Coli - USP Chapter <62>	Reference	Accreditation	Completed	Sub
	U.S. Pharmacopeia Chapter 62		25Jul2022	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		25Jul2022	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		25Jul2022	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		26Jul2022	3

Parameter	Result
Total Aerobic Microbial Count	1,900 (est) cfu/g

Comments:
Correct unit change values.

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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