



Moon Mother Hemp Co
2425 Canyon Blvd
Boulder, Colorado 80302
(303) 905-7097
405R-00016.26

Name: Muscle Balm
Type: Topical
ID: 220501465.15137
Batch ID: 62201
METRC Tag: 1A4000B00012FE9000003246

RECEIVED: 06/01/2022

TESTED: 06/03/2022

REPORTED: 06/08/2022

ANALYTE	LOD	LOQ	MU	AMOUNT	AMOUNT	LABEL	STATUS
	%	%	mg/unit	%	mg/unit	mg/unit	
THCa	0.0035	0.007	0.000	<LOD	<LOD	-	TESTED
D9-THC	0.0035	0.007	0.890	0.032	8.9	-	TESTED
D8-THC	0.0035	0.007	0.000	<LOD	<LOD	-	TESTED
CBDa	0.0035	0.007	0.000	<LOD	<LOD	-	TESTED
CBD	0.0035	0.007	26.440	0.944	264.4	-	TESTED
CBDVa	0.0015	0.003	0.000	<LOD	<LOD	-	TESTED
CBDV	0.0015	0.003	0.250	0.009	2.5	-	TESTED
CBN	0.0015	0.003	0.000	<LOD	<LOD	-	TESTED
CBGa	0.0015	0.003	0.000	<LOD	<LOD	-	TESTED
CBG	0.0015	0.003	0.710	0.025	7.1	-	TESTED
CBCa	0.0015	0.003	0.000	<LOD	<LOD	-	TESTED
CBC	0.0015	0.003	1.560	0.056	15.6	-	TESTED
CBL	0.0015	0.003	0.000	<LOD	<LOD	-	TESTED
Sum of Measured Cannabinoids*				1.066	298.500		



Unit : 1 oz (28g) | Units Per Package : 1

Analyte	Total*
Total THC	8.90 mg/unit
Total CBD	264.40 mg/unit
Total CBG	7.10 mg/unit
Total CBDV	2.50 mg/unit

*Total is the sum of the neutral (active) cannabinoid and the completely converted acidic cannabinoid

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, MU = Measurement uncertainty, NR = Not Reported *Sum of measured cannabinoids is the sum of all quantified cannabinoids.

NOTES AND INTERPRETATIONS

Analyzed via AAM-001 using Agilent 1220 HPLC-DAD. Limits are based on CO 6 CCR 1010-21. Sample was analyzed as received. Deviations from SOP: None.

Results Analyzed By:
Curtis Peralta
Associate Chemist

Results Approved By:
Tyler Dorsey
Associate Chemist



Aurum Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This certificate shall not be modified - Scan QR code to verify authenticity





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ANALYTE	LOQ	LIMIT	AMOUNT	STATUS
	CFU/g	CFU/g	CFU/g	
STEC	1	1	Absent	Pass
Salmonella	1	1	Absent	Pass
Total Aerobic	100	10000	ND	Pass
Total Coliforms	10	100	ND	Pass
Yeast & Mold	100	1000	ND	Pass



LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, CFU/g = Colony Forming Units per Gram, NR = Not Reported

NOTES AND INTERPRETATIONS

Analyzed via AAM-003, AAM-007 & AAM-018. Limits are based on CO 6 CCR 1010-21. Sample was analyzed as received. Deviations from SOP: Results represent a composite sample consisting of samples 15137, 15138, 15139 and 15140.

Results Analyzed By:
Colleen Rafferty
Associate Microbiologist

Results Approved By:
Hector Caldera
Supervisory Analyst



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ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPB	PPB	PPB	PPB	
Abamectin	20	40	70	<LOD	Pass
Azoxystrobin	5	10	20	<LOD	Pass
Bifenazate	10	20	20	<LOD	Pass
Etoxazole	5	10	10	<LOD	Pass
Imazalil	20	40	40	<LOD	Pass
Imidacloprid	5	10	20	<LOD	Pass
Malathion	20	40	50	<LOD	Pass
Myclobutanil	10	20	40	<LOD	Pass
Permethrin	5	10	40	<LOD	Pass
Spinosad	20	40	60	<LOD	Pass
Spiromesifen	15	30	30	<LOD	Pass
Spirotetramat	5	10	20	<LOD	Pass
Tebuconazole	5	10	10	<LOD	Pass



NOTES AND INTERPRETATIONS

Analyzed via AAM-008 using Agilent 1260 HPLC and Agilent 6430 MS. Limits are based on CO 1 CCR 212-3. Sample was analyzed as received. Deviations from SOP: Results represent a composite sample consisting of samples 15137, 15138, 15139 and 15140.

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, NR = Not Reported

Results Analyzed By:
Trey Murschell, PhD
Senior Chemist

Results Approved By:
Luke Mason, MS
Lab Director



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ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPM	PPM	PPM	PPM	
Arsenic	0.015	0.03	0.2	<LOD	Pass
Cadmium	0.015	0.03	0.2	<LOD	Pass
Lead	0.015	0.03	0.5	<LOD	Pass
Mercury	0.015	0.03	0.1	<LOD	Pass



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NOTES AND INTERPRETATIONS

Analyzed via AAM-010 using Agilent 7800 ICP-MS. Limits are based on CO 6 CCR 1010-21. Sample was analyzed as recieved. Deviations from SOP: Results represent a composite sample consisting of samples 15137, 15138, 15139 and 15140.

Results Analyzed By:
Trey Murschell, PhD
Senior Chemist

Results Approved By:
Tyler Dorsey
Associate Chemist



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ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPM	PPM	PPM	PPM	
Acetone	77.3175	154.635	1000	<LOD	Pass
Benzene	0.4755	0.951	2	<LOD	Pass
Butanes	9.862	19.724	1000	<LOD	Pass
Ethanol	77.8105	155.621	1000	<LOD	Pass
Ethyl-Acetate	49.3095	98.619	1000	<LOD	Pass
Heptanes	10.1085	20.217	1000	<LOD	Pass
Hexanes	4.852	9.704	60	<LOD	Pass
Isopropanol	77.515	155.030	1000	<LOD	Pass
Methanol	195.2665	390.533	600	<LOD	Pass
N-Pentane	9.27	18.540	1000	<LOD	Pass
Propane	9.862	19.724	1000	<LOD	Pass
Toluene	4.2605	8.521	180	<LOD	Pass
Xylenes	6.351	12.702	430	<LOD	Pass



NOTES AND INTERPRETATIONS

Analyzed via AAM-002 using Agilent 7697/7890 Headspace GC FID. Limits are based on CO 1 CCR 212-3. Sample was analyzed as received. Deviations from SOP: Results represent a composite sample consisting of samples 15137, 15138, 15139 and 15140.

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Results Analyzed By:
Trey Murschell, PhD
Senior Chemist

Results Approved By:
Tyler Dorsey
Associate Chemist



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