



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

Name:
Type:
ID:
Batch ID:
METRC Tag:

Massage Oil
Topical
220802231.18202
82202
1A4000B00012FE900003484

RECEIVED: 08/25/2022

TESTED: 08/24/2022

REPORTED: 09/05/2022

ANALYTE	LOD	LOQ	MU	AMOUNT	AMOUNT	LABEL	STATUS
	%	%	mg/unit	%	mg/unit	mg/unit	
THCa	0.0090	0.018	0.000	<LOD	<LOD	-	TESTED
D9-THC	0.0090	0.018	2.260	0.040	22.6	-	TESTED
D8-THC	0.0090	0.018	0.000	<LOD	<LOD	-	TESTED
EXO-THC	0.0090	0.018	0.000	NR	<LOD	-	TESTED
CBDa	0.0090	0.018	0.000	<LOD	<LOD	-	TESTED
CBD	0.0090	0.018	54.470	0.956	544.7	500	PASS
CBDVa	0.0090	0.018	0.000	<LOD	<LOD	-	TESTED
CBDV	0.0090	0.018	0.380	0.007	3.8	-	TESTED
CBNa	0.0090	0.018	0.000	<LOD	<LOD	-	TESTED
CBN	0.0090	0.018	0.000	<LOD	<LOD	-	TESTED
CBGa	0.0090	0.018	0.000	<LOD	<LOD	-	TESTED
CBG	0.0090	0.018	0.780	0.014	7.8	-	TESTED
CBCa	0.0090	0.018	0.000	<LOD	<LOD	-	TESTED
CBC	0.0090	0.018	0.000	<LOD	<LOD	-	TESTED
D9-THCVa	0.0090	0.018	0.000	<LOD	<LOD	-	TESTED
D9-THCV	0.0090	0.018	0.000	<LOD	<LOD	-	TESTED
9s D-10 THC	0.0090	0.018	0.000	NR	<LOD	-	TESTED
9r D-10 THC	0.0090	0.018	0.000	NR	<LOD	-	TESTED

Sum of Measured Cannabinoids* 1.017 578.900

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



Unit : 2oz (57g) | Units Per Package : 1

Analyte	Total*
Total THC	22.60 mg/unit
Total CBD	544.70 mg/unit
Total CBG	7.80 mg/unit
Total CBDV	3.80 mg/unit
CBN	<LOD
THCV	<LOD
CBC	<LOD

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

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:
Tyler Dorsey
Associate Chemist

Results Approved By:
Luke Mason, MS
Lab Director



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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. Limits are based on CO 6 CCR 1010-21. Sample was analyzed as received. Deviations from SOP: None.

Results Analyzed By:
Hector Caldera
Supervisory Analyst

Results Approved By:
Colleen Rafferty
Associate Microbiologist



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ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPM	PPM	PPM	PPM	
Abamectin	0.0244	0.0488	0.1	<LOD	Pass
Acephate	0.0015	0.0031	0.02	<LOD	Pass
Acequinocyl	0.0015	0.0031	0.02	<LOD	Pass
Acetamiprid	0.0015	0.0031	0.1	<LOD	Pass
Aldicarb	0.0015	0.0031	1	<LOD	Pass
Allethrin	0.0061	0.0122	0.2	<LOD	Pass
Atrazine	0.0015	0.0031	0.025	<LOD	Pass
Azadirachtin	0.0244	0.0488	1	<LOD	Pass
Azoxystrobin	0.0015	0.0031	0.02	<LOD	Pass
Benzovindiflupyr	0.0015	0.0031	0.02	<LOD	Pass
Bifenazate	0.0015	0.0031	0.02	<LOD	Pass
Bifenthrin	0.0015	0.0031	1	<LOD	Pass
Boscalid	0.0008	0.0015	0.02	<LOD	Pass
Buprofezin	0.0015	0.0031	0.02	<LOD	Pass
Carbaryl	0.0015	0.0031	0.05	<LOD	Pass
Carbofuran	0.0015	0.0031	0.02	<LOD	Pass
Chlorantraniliprole	0.0244	0.0488	0.02	<LOD	Pass
Chlorphenapyr	0.0008	0.0015	0.05	<LOD	Pass
Chlorpyrifos	0.0015	0.0031	0.04	<LOD	Pass
Clofentezine	0.0061	0.0122	0.02	<LOD	Pass
Clothianidin	0.0061	0.0122	0.05	<LOD	Pass
Coumaphos	0.0015	0.0031	0.02	<LOD	Pass
Cyantraniliprole	0.0244	0.0488	0.02	<LOD	Pass
Cyfluthrin	0.0061	0.0122	0.2	<LOD	Pass
λ Cyhalothrin	0.0244	0.0488	0.25	<LOD	Pass
Cypermethrin	0.0244	0.0488	0.3	<LOD	Pass
Cyprodinil	0.0015	0.0031	0.25	<LOD	Pass
Daminozide	0.0015	0.0031	0.1	<LOD	Pass
Deltamethrin	0.0061	0.0122	0.5	<LOD	Pass
Diazinon	0.0061	0.0122	0.02	<LOD	Pass
Dichlorvos	0.0015	0.0031	0.1	<LOD	Pass
Dimethoate	0.0015	0.0031	0.02	<LOD	Pass
Dimethomorph	0.0015	0.0031	0.05	<LOD	Pass
Dinotefuran	0.0061	0.0122	0.1	<LOD	Pass
Diuron	0.0015	0.0031	0.125	<LOD	Pass
Dodemorph	0.0015	0.0031	0.05	<LOD	Pass
Endosulfan sulfate	0.0008	0.0015	0.05	<LOD	Pass
Endosulfan-alpha	0.0031	0.0061	0.2	<LOD	Pass
Endosulfan-beta	0.0031	0.0061	0.05	<LOD	Pass
Ethoprophos	0.0015	0.0031	0.02	<LOD	Pass
Etofenprox	0.0015	0.0031	0.05	<LOD	Pass



ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPP	PPP	PPM	PPB	
Etoazole	0.0015	0.0031	0.02	<LOD	Pass
Etridiazole	0.0008	0.0015	0.03	<LOD	Pass
Fenhexamid	0.0015	0.0031	0.125	<LOD	Pass
Fenoxycarb	0.0015	0.0031	0.02	<LOD	Pass
Fenpyroximate	0.0100	0.02	0.0031	<LOD	Pass
Fensulfthion	0.0061	0.0122	0.02	<LOD	Pass
Fenthion	0.0008	0.0015	0.02	<LOD	Pass
Fenvalerate	0.0015	0.0031	0.1	<LOD	Pass
Fipronil	0.0008	0.0015	0.06	<LOD	Pass
Fonicamid	0.0061	0.0122	0.05	<LOD	Pass
Fludioxonil	0.0008	0.0015	0.02	<LOD	Pass
Fluopyram	0.0061	0.0122	0.02	<LOD	Pass
Hexythiazox	0.0015	0.0031	0.01	<LOD	Pass
Imazalil	0.0061	0.0122	0.05	<LOD	Pass
Imidacloprid	0.0015	0.0031	0.02	<LOD	Pass
Iprodione	0.0977	0.1953	1	<LOD	Pass
Kinoprene	0.0122	0.0244	0.5	<LOD	Pass
Kresoxim-methyl	0.0015	0.0031	0.02	<LOD	Pass
Malathion	0.0015	0.0031	0.02	<LOD	Pass
Metalaxyl	0.0015	0.0031	0.02	<LOD	Pass
Methiocarb	0.0015	0.0031	0.02	<LOD	Pass
Methomyl	0.0015	0.0031	0.05	<LOD	Pass
Methoprene	0.0061	0.0122	2	<LOD	Pass
Methyl parathion	0.0008	0.0015	0.05	<LOD	Pass
Mevinphos	0.0024	0.0049	0.05	<LOD	Pass
MGK-264	0.0025	0.005	0.05	<LOD	Pass
Myclobutanil	0.0061	0.0122	0.02	<LOD	Pass
Naled	0.0015	0.0031	0.1	<LOD	Pass
Novaluron	0.0008	0.0015	0.05	<LOD	Pass

Results continued on the next page...





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ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPM	PPM	PPM	PPM	
Oxamyl	0.0015	0.0031	3	<LOD	Pass
Paclobutrazol	0.0015	0.0031	0.02	<LOD	Pass
Permethrin	0.0015	0.0031	0.5	<LOD	Pass
Phenothrin	0.0244	0.0488	0.05	<LOD	Pass
Phosmet	0.0015	0.0031	0.02	<LOD	Pass
Piperonyl butoxide	0.0015	0.0031	0.2	<LOD	Pass
Pirimicarb	0.0015	0.0031	0.02	<LOD	Pass
Prallethrin	0.0061	0.0122	0.05	<LOD	Pass
Propiconazole	0.0031	0.0061	0.1	<LOD	Pass
Propoxur	0.0015	0.0031	0.02	<LOD	Pass
Pyraclostrobin	0.0015	0.0031	0.02	<LOD	Pass
Pyrethrins	0.0015	0.0031	0.05	<LOD	Pass
Pyridaben	0.0015	0.0031	0.05	<LOD	Pass
Pyriproxyfen	0.0015	0.0031	0.01	<LOD	Pass
Quintozene	0.0008	0.0015	0.02	<LOD	Pass
Resmethrin	0.0015	0.0031	0.1	<LOD	Pass
Spinetoram	0.0015	0.0031	0.02	<LOD	Pass

ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPP	PPP	PPM	PPB	
Spinosad	0.0015	0.0031	0.1	<LOD	Pass
Spirodiclofen	0.0244	0.0488	0.25	<LOD	Pass
Spiromesifen	0.0015	0.0031	3	<LOD	Pass
Spirotetramat	0.0061	0.0122	0.02	<LOD	Pass
Spiroxamine	0.0015	0.0031	0.1	<LOD	Pass
Tebuconazole	0.0015	0.0031	0.05	<LOD	Pass
Tebufenozide	0.0061	0.0122	0.02	<LOD	Pass
Teflubenzuron	0.0008	0.0015	0.05	<LOD	Pass
Tetrachlorvinphos	0.0015	0.0031	0.02	<LOD	Pass
Tetramethrin	0.0061	0.0122	0.1	<LOD	Pass
Thiabendazole	0.0015	0.0031	0.02	<LOD	Pass
Thiacloprid	0.0015	0.0031	0.02	<LOD	Pass
Thiamethoxam	0.0015	0.0031	0.02	<LOD	Pass
Trifloxystrobin	0.0015	0.0031	0.05	<LOD	Pass
Thiophanate-methyl	0.0015	0.0031	0.05	<LOD	Pass
Other Pesticide	0.0500	0.1	0.1	<LOD	Pass

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

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: None.

Results Analyzed By:
Luke Mason, MS
Lab Director

Results Approved By:
Hector Caldera
Supervisory Analyst



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ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPM	PPM	PPM	PPM	
Arsenic	0.0150	0.03	0.2	<LOD	Pass
Cadmium	0.0150	0.03	0.2	<LOD	Pass
Lead	0.0150	0.03	0.5	<LOD	Pass
Mercury	0.0150	0.03	0.1	<LOD	Pass

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



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: None.

Results Analyzed By:
Tyler Dorsey
Associate Chemist

Results Approved By:
Luke Mason, MS
Lab Director



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RECEIVED: 08/25/2022

TESTED: 08/24/2022

REPORTED: 09/05/2022

ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPM	PPM	PPM	PPM	
Acetone	77.9325	155.865	1000	<LOD	Pass
Benzene	0.4790	0.958	2	<LOD	Pass
Butanes	9.9405	19.881	1000	<LOD	Pass
Ethanol	78.4295	156.859	1000	<LOD	Pass
Ethyl-Acetate	49.7020	99.404	1000	<LOD	Pass
Heptanes	10.1890	20.378	1000	<LOD	Pass
Hexanes	4.8905	9.781	60	<LOD	Pass
Isopropanol	78.1310	156.262	1000	<LOD	Pass
Methanol	196.8190	393.638	600	<LOD	Pass
N-Pentane	9.3440	18.688	1000	<LOD	Pass
Propane	9.9405	19.881	1000	<LOD	Pass
Toluene	4.2940	8.588	180	<LOD	Pass
Xylenes	6.4015	12.803	430	<LOD	Pass



NOTES AND INTERPRETATIONS

Analyzed via AAM-002 using Agilent 7697/7890 Headspace GC FID. Limits are based on CO 6 CCR 1010-21. Sample was analyzed as received. Deviations from SOP: None.

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

Results Analyzed By:
Luke Mason, MS
Lab Director

Results Approved By:
Tyler Dorsey
Associate Chemist



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RECEIVED: 08/25/2022

TESTED: 08/24/2022

REPORTED: 09/05/2022

ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPB	PPB	PPB	PPB	
B1	2.5000	5	0	<LOD	Tested
B2	2.5000	5	0	<LOD	Tested
G1	2.5000	5	0	<LOD	Tested
G2	2.5000	5	0	<LOD	Tested
Total Aflatoxins	2.5000	5	20	<LOD	Pass
Ochratoxin A	2.5000	5	20	<LOD	Pass



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

NOTES AND INTERPRETATIONS

Analyzed via AAM-004 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: None. Original analysis performed 03.01.2022 - potency verified on 08.23.2022

Results Analyzed By:
Luke Mason, MS
Lab Director

Results Approved By:
Hector Caldera
Supervisory Analyst



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