

Kaycha Labs

CBD Massage Oil Matrix: Infused Type: Topical



Certificate of Analysis

Sample:DE31117015-001

Batch#: CO HEMP/7500 - 11231

Seed to Sale# 1A4000B00010D25000003995

Batch Date: 11/10/23

Sample Size Received: 60 ml

Total Amount: 1 units Retail Product Size: 60 ml

Sample Density: 0.90 g/mL **Ordered:** 11/14/23 Sampled: 11/17/23

Completed: 11/28/23

PASSED

Pages 1 of 5

Nov 28, 2023 | Moon Mother Hemp

License # 405R-00011

2425 Canyon Blvd Boulder, CO, 80302, US

PRODUCT IMAGE

SAFETY RESULTS







PASSED



PASSED





PASSED



Residuals Solvents PASSED



Filth NOT TESTED



Water Activity



Moisture



Testing NOT TESTED



NOT TESTED

PASSED



Cannabinoid

Total THC

Total THC/Container: 24.408 mg

0.0452%



Total CBD 0.9414%

Total CBD/Container: 508.356 mg

Reviewed On: 11/20/23 13:39:12 **Batch Date:** 11/17/23 17:36:56



Total Cannabinoids .0109%

Total Cannabinoids/Container: 545.886

	TOTAL 9(R /S)-HHC	CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBCA	CBLA	THC-O-ACE TATE
%	ND	ND	ND	ND	0.9414	ND	ND	ND	< 0.0133	0.0061	ND	0.0452	ND	ND	ND	0.0182	ND	ND	ND	ND	ND	ND
mg/unit	ND	ND	ND	ND	564.840	ND	ND	ND	<7.980	3.660	ND	27.120	ND	ND	ND	10.920	ND	ND	ND	ND	ND	ND
LOD	0.0100	0.0017	0.0014	0.0009	0.0021	0.0031	0.0006	0.0016	0.0044	0.0008	0.0012	0.0025	0.0016	0.0034	0.0029	0.0014	0.0059	0.0047	0.0026	0.0011	0.0022	0.0021

Extracted by: 3200 Analyzed by: 3200, 8, 2813, 2080

Analysis Method : SOP.T.40.039.CO Analytical Batch: DE006767POT Instrument Used: Agilent 1100 "Liger

Analyzed Date: 11/18/23 18:26:59

Dilution: 40

Reagent: 110823.R05; 111623.R08; 100923.R11; 111823.R05

Consumables: 2210521482; 3026675; 00336569; 0000179471; 303122060; 121621CH01; 22380555; 61572-107C6-107H

Pipette: POT- 20E73244; POT- 20E74976; POT- 20K63477; P1000 - 20B29164-A; P200- 6507768

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP.T.90.010.CO for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L

Label Claim - PASSED

Analyte Units Dacc/Fail Analyte LOD Units Pass/Fail Result 0.0010 0.0010 mq ND mg ND

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Stephen Goldman

Lab Director

State License # 405R-00011 405-00008 ISO 17025 Accreditation # 4331.01





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CBD Massage Oil

N/A Matrix: Infused

Type: Topical



PASSED

Certificate of Analysis

Moon Mother Hemp

2425 Canyon Blvd Boulder, CO, 80302, US **Telephone:** 3039057097 Fmail: edward@moonmotherhemn.com License # : 405R-00011

Sample : DE31117015-001 Batch#: CO HEMP/7500

Sampled: 11/17/23

Ordered: 11/17/23

Sample Size Received : 60 ml

Total Amount: 1 units Completed: 11/28/23 Expires: 11/28/24 Sample Method : SOP Client Method

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Pesticides

P	AS	S	E	
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Pesticide		nits Action Leve		Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
BAMECTIN	0.0139 pp		PASS	ND	HEXYTHIAZOX	0.1977	ppb ppb	10	PASS	ND
ZOXYSTROBIN	0.1122 pp		PASS	ND	KRESOXIM-METHYL	0.5115	ppb	150	PASS	ND
IFENAZATE	0.3285 pp		PASS	ND	METHIOCARB	2.3105	ppb	10	PASS	ND
IFENTHRIN	0.3469 pp		PASS	ND	METHOMYL	0.3790) ppb	25	PASS	ND
OSCALID	0.3057 pp		PASS PASS	ND ND	METHOPRENE	0.4892	. ppb	2000	PASS	ND
ARBARYL	0.3165 pp		PASS	ND ND	MEVINPHOS	0.0432		25	PASS	ND
HLORPYRIFOS	0.2889 pp 0.5370 pp		PASS	ND ND	MGK-264	0.1438		50	PASS	ND
LOTHIANIDIN	0.5370 pp 1.8598 pp		PASS	ND	NALED	0.4305		100	PASS	ND
YHALOTHRIN-LAMBDA ICHLORVOS	0.9888 pp		PASS	ND	NOVALURON	0.2164		25	PASS	ND
IMETHOATE	0.2585 pp		PASS	ND	PHOSMET	0.2483		20	PASS	ND
INOTEFURAN	0.4004 pp		PASS	ND		0.3760		1500	PASS	ND
DIURON	0.7923 pp		PASS	ND	OXAMYL	0.3284		1250	PASS	ND
TOXAZOLE	0.1839 pp		PASS	ND	PIPERONYL BUTOXIDE		1.1.		PASS	
1AZALIL	0.4019 pp		PASS	ND	PACLOBUTRAZOL	1.4227		10		ND
MIDACLOPRID	0.2650 pp	pb 20	PASS	ND	PIRIMICARB	0.3458		10	PASS	ND
IALATHION	0.3036 pp	pb 20	PASS	ND	PHENOTHRIN	0.3060		50	PASS	ND
IETALAXYL	0.2756 pp		PASS	ND	PRALLETHRIN	0.6623		50	PASS	ND
IYCLOBUTANIL	0.4417 pp		PASS	ND	PROPOXUR	0.7835		10	PASS	ND
ERMETHRINS	0.2109 pp		PASS	ND	PRYRACLOSTROBIN	0.2379		10	PASS	ND
ROPICONAZOLE	0.5658 pp		PASS	ND	PYRETHRINS	0.1810) ppb	50	PASS	ND
YRIPROXYFEN	0.8551 pp		PASS	ND	PYRIDABEN	0.2980) ppb	20	PASS	ND
PINOSADS	0.0545 pp		PASS	ND	RESMETHRIN	0.2008	ppb	50	PASS	ND
PIROMESIFEN	0.2912 pp		PASS	ND	SPINETORAM	0.1177	ppb	10	PASS	ND
PIROTETRAMAT	0.4266 pp		PASS	ND	SPIRODICLOFEN	0.1830) ppb	250	PASS	ND
EBUCONAZOLE	0.3302 pp		PASS	ND ND	SPIROXAMINE	0.3745	ppb	100	PASS	ND
HIABENDAZOLE	0.8056 pp 0.3232 pp		PASS	ND ND	TEBUFENOZIDE	0.2154	ppb	10	PASS	ND
THIAMETHOXAM ACEPHATE	0.2755 pp		PASS	ND ND	TEFLUBENZURON	0.4437	ppb	25	PASS	ND
CEQUINOCYL	0.2707 pp		PASS	ND ND	TETRACHLORVINPHOS	0.1330) ppb	10	PASS	ND
CETAMIPRID	0.2250 pp		PASS	ND	TETRAMETHRIN	0.2380	dag (100	PASS	ND
LDICARB	0.4206 pp		PASS	ND	THIACLOPRID	0.3999		10	PASS	ND
LLETHRIN	0.3601 pp		PASS	ND	THIOPHANATE-METHYL	1.2413		50	PASS	ND
TRAZINE	1.0640 pp		PASS	ND	TRIFLOXYSTROBIN	0.1938		10	PASS	ND
ZADIRACHTIN	1.1979 pp	pb 500	PASS	ND	CHLORPHENAPYR	0.4120		1500	PASS	ND
ENZOVINDIFLUPYR	0.3651 pp	pb 10	PASS	ND	ENDOSULFAN SULFATE	0.4196		2500	PASS	ND
UPROFEZIN	0.3000 pp	pb 20	PASS	ND	ENDOSULFAN-ALPHA	0.5956		2500	PASS	ND
ARBOFURAN	0.3317 pp	pb 10	PASS	ND		0.5555		2500	PASS	ND
HLORANTRANILIPROLE	0.4629 pp		PASS	ND	ENDOSULFAN-BETA	1.2221	1.1.	150	PASS	ND ND
LOFENTEZINE	0.3505 pp		PASS	ND	ETRIDIAZOLE					
OUMAPHOS	0.2529 pp		PASS	ND	FENTHION	0.3118		10	PASS	ND
YANTRANILIPROLE	0.5411 pp		PASS	ND	IPRODIONE	0.2738		500	PASS	ND
YFLUTHRIN	0.6072 pp		PASS	ND	KINOPRENE	1.7294		1250	PASS	ND
YPERMETHRIN	0.3065 pp		PASS	ND	PARATHION-METHYL	0.2709		50	PASS	ND
YPRODINIL	0.4377 pp		PASS	ND ND	QUINTOZENE	0.2693		20	PASS	ND
AMINOZIDE	4.9907 pp		PASS	ND ND	OTHER PESTICIDES	0.1000) ppb	100	PASS	ND
ELTAMETHRIN	0.8431 pp 0.2055 pp		PASS	ND ND			raction date:		Extracted	by:
NAZINON NMETHOMORPH	0.2055 pp 0.1014 pp		PASS	ND		011g 11/	18/23 15:01:58		3200	
ODEMORPH	0.2713 pp		PASS	ND	Analysis Method : SOP-060 (R5)					
THOPROPHOS	0.4738 pp		PASS	ND ND	Analytical Batch: DE006770PES Instrument Used: Sciex 7500 Qtrap "Hades" - Pest	icidas		ewed On:11/28/2 h Date:11/18/23		
IPRONIL	0.2707 pp		PASS	ND	Analyzed Date : N/A	icides	batt	II Date .11/10/23	13.00.33	
FOFENPROX	0.4114 pp		PASS	ND	Dilution: 20					
ENHEXAMID	0.9450 pp		PASS	ND	Reagent: 110323.R10; 102023.R08; 060123.01; 05			223.R16; 091123	R17; 111023.R15	
ENOXYCARB	0.4316 pp		PASS	ND	Consumables: 2210521482; 2014919; 00339105-4	4; 0000179471; 12536	-223CD-223			
ENPYROXIMATE	0.3098 pp		PASS	ND	Pipette: N/A	eroon down to be!	nalo diait nah	antrations for	Inted Destinides ::	- COD 060 (DE)
ENSULFOTHION	0.3684 pp		PASS	ND	Pesticide screen is performed using LC-MS which can s	screen down to below Si	rigie aigit ppp conc	enu duons for regu	iated Pesticides VI	a 30P-000 (K3).
ENVALERATE	0.5416 pp	pb 100	PASS	ND						
LONICAMID	0.3493 pp	pb 25	PASS	ND						
LUDIOXONIL	0.2632 pp	pb 10	PASS	ND						
LUOPYRAM	0.3817 pp	pb 10	PASS	ND						

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Stephen Goldman

Lab Director

State License # 405R-00011 405-00008 ISO 17025 Accreditation # 4331.01



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CBD Massage Oil

N/A Matrix: Infused

Type: Topical



PASSED

Certificate of Analysis

Moon Mother Hemp

2425 Canyon Blvd Boulder, CO, 80302, US **Telephone:** 3039057097

Fmail: edward@moonmotherhemn.com License # : 405R-00011

Sample : DE31117015-001

Batch#: CO HEMP/7500

Sampled: 11/17/23 Ordered: 11/17/23

Sample Size Received : 60 ml

Total Amount: 1 units Completed: 11/28/23 Expires: 11/28/24 Sample Method: SOP Client Method

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Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result	
PROPANE	4.2142	ppm	1000	PASS	ND	
BUTANES	5.4680	ppm	1000	PASS	ND	
METHANOL	1.2786	ppm	600	PASS	ND	
PENTANES	6.6710	ppm	1000	PASS	ND	
ETHANOL	2.7010	ppm	1000000	PASS	ND	
ACETONE	1.7080	ppm	1000	PASS	ND	
2-PROPANOL	1.5875	ppm	1000	PASS	ND	
HEXANES	1.9279	ppm	60	PASS	ND	
ETHYL ACETATE	2.7921	ppm	1000	PASS	ND	
BENZENE	0.4749	ppm	2	PASS	ND	
HEPTANE	3.2594	ppm	1000	PASS	ND	
TOLUENE	2.1088	ppm	180	PASS	ND	
XYLENES	7.1150	ppm	430	PASS	ND	
Analyzed by: 2494, 666, 2813, 2080	Weight: 0.1225g		ction date: 1/23 16:14:33		Extracted by: 2494	

Reviewed On: 11/19/23 12:07:42

Batch Date: 11/18/23 09:58:19

2494, 666, 2813, 2080 Analysis Method: SOP.T.40.049.CO Analytical Batch : DE006768SOL Instrument Used: GC 5890

Analyzed Date: 11/18/23 17:19:31

available from the lab upon request.

Dilution: 1

Reagent: 111323.R12; 111823.R01

Consumables: 23133; R2017.100; G201.100; 61572-107C6-107H Pipette: P10- MU13938; P1000- 22C52450

Residual solvents screening is performed using GCwhich can detect below single digit ppm concentrations. Currently we analyze for 15 Residual solvents

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CBD Massage Oil

N/A

Matrix: Infused Type: Topical



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PASSED

Moon Mother Hemp

2425 Canyon Blvd Boulder, CO, 80302, US Telephone: 3039057097

Fmail: edward@moonmotherhemn.com License #: 405R-00011

Sample : DE31117015-001

Batch#: CO HEMP/7500

Sampled: 11/17/23 Ordered: 11/17/23

Sample Size Received: 60 ml Total Amount: 1 units

Completed: 11/28/23 Expires: 11/28/24

Sample Method : SOP Client Method

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Microbial



Mvcotoxins

PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL YEAST AND MOLD	100	cfu/g	ND	PASS	10000
SHIGA TOXIN PRODUCING ESCHERICHIA COLI STEC			Not Present	PASS	
SALMONELLA SPECIES			Not Present	PASS	
TOTAL AEROBIC	10	cfu/g	ND	PASS	10000
TOTAL COLIFORM	10	cfu/g	ND	PASS	100

Weight: Extraction date: Analyzed by: Extracted by: 5, 2, 2080 2.1g 11/17/23 17:07:13 1473.3215

Analysis Method: SOP.T.40.057.CO; SOP.T.40.209.CO

Analytical Batch : DE006758MIC Instrument Used : Microbial - Full Panel

09498: 10: 210712-598-D

Analyzed Date: 11/17/23 17:28:41

Reviewed On: 11/20/23 18:03:59 Batch Date: 11/16/23 16:29:33

Reagent: 110123.03; 102423.R10; 102423.R14; 111623.R11; 111623.R05; 111523.R09; 111723.R07; 111623.R03; 111723.R10; 092923.R02; 111623.R07; 100223.03; 093023.01; 101122.02; 030123.01; 020723.01; 110823.02; 111323.R09; 111323.R10; 111723.R09; 111723.R06

Consumables: 61853-217C6-217D; 41171-135C4-135AI; 411171-135C4-135AI; 211016-687-A; 12536-223CD-223; 1; DR 20230612_CatNo.1193A96; 2; 01859; 00112; CH_2242419; 3; 41141-130C4-130D; 40960-040C4-040AL; 4; 5; CJ209G2; 6; 7; P1000160; 8; MSB1001; 9;

G949, 10, 20712-3609 Pipette: M - O48453]; M - L47149]; M - 20F92851; M - MV21601; M - MU03680; M - M32141C; M - 20C40454; M - 22G22702; M - 6537603; M - MU06201; M - N65633K; M - K94440L; M -20E73249; M - G19154L; M - P67199]; M - Q29305K; M - Q36416]; M - J46789]; M - J55715]; M O52710K; M - N1563K; M - O34081K

مکه						
Analyte		LOD) Uni	ts Result	Pass / Fail	Action Level
AFLATOXINS	6	0.05	39 ppb	ND	PASS	20
AFLATOXIN	B1	0.15	30 ppb	ND	PASS	20
FLATOXIN	B2	0.08	323 ppb	ND	PASS	20

Analyzed by: 8, 2791, 2080	Weight: 0.2011q	Extraction date: 11/18/23 15:17:4	46		Extracted 3200	by:	
OCHRATOXIN A+		0.0117	ppb	ND	PASS	20	
AFLATOXIN G2		0.2270	ppb	ND	PASS	20	
AFLATOXIN G1		0.0539	ppb	ND	PASS	20	
AFLATOXIN B2		0.0823	ppb	ND	PASS	20	
AFLATOXIN B1		0.1530	ppb	ND	PASS	20	
AFLATOXINS		0.0539	ppp	ND	PASS	20	

Analysis Method : SOP-060 (R5) Analytical Batch: DE006765MYC

Instrument Used : Sciex 6500 Qtrap "Felicia" - Mycotoxins

Analyzed Date: N/A

Dilution: 20 Reagent: N/A

Consumables : N/A Pipette: N/A

Aflatoxins B1, B2, G1, G2, and Ochratoxin A testing using LC-MS via SOP-060 (R5). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be $< 20 \mu g/Kg$. Ochratoxins must be $< 5 \mu g/Kg$.



Heavy Metals

PASSED

Reviewed On: 11/21/23 08:40:25 Batch Date: 11/17/23 09:00:49

Reviewed On: 11/21/23 16:52:04

Batch Date: 11/17/23 17:09:53

Metal			LOD	Units	Result	Pass / Fail	Action Level
ARSENIC			0.0048	ppm	ND	PASS	1.5
CADMIUM			0.0016	ppm	ND	PASS	0.5
MERCURY			0.0008	ppm	ND	PASS	1
LEAD			0.0039	ppm	ND	PASS	1
Analyzed by: 2992, 666, 208	30	Weight: 0.2234g	Extraction dat 11/20/23 08:2			Extracted 2992	by:

Analysis Method : SOP.T.40.081.CO

Analytical Batch: DE006761HEA
Instrument Used: Shimadzu 2030 ICP-MS "RUMPEL"

Analyzed Date: 11/20/23 08:47:15

Dilution: 50

Reagent: 101823.R12; 041723.04; 111523.R02; 111523.R01; 052923.01; 091823.04;

111523.R10; 111523.01 Consumables : 23133; 11922032; 121621CH01; 234422 Pipette: P10- MU13938; HEA-19H16763; P100- 22G19745

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen to below single digit ppb concentrations for regulated heavy metals using method SOP.T.40.081.CO. Sample preparation for Heavy Metals Analysis via SOP.T.30.081.CO.

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CBD Massage Oil

Matrix : Infused
Type: Topical

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PASSED

Certificate of Analysis

Moon Mother Hemp

2425 Canyon Blvd Boulder, CO, 80302, US Telephone: 3039057097 Email: edward@moonmotherhemp.com License #: 405R-00011 Sample: DE31117015-001 Batch#: CO HEMP/7500 -11231

Sampled: 11/17/23 Ordered: 11/17/23 Sample Size Received : 60 ml Total Amount : 1 units Completed : 11/28/23 Expires: 11/28/24 Sample Method : SOP Client Method

COMMENTS

* Cannabinoid DE31117015-001POT

1 - Measurement Uncertainty for delta-9 THC (wt%, Infused) 95% interval : 0.07, Measurement Uncertainty for THCA (wt%, Infused) 95% interval : 0.05

Lab Director

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