



Certificate of Analysis

Pages 1 of 6



Batch #: CO HEMP - MLA.RTD1.FP
Production Method: Other
Retail Product Size: 976 ml
Retail Serving Size: 355 ml
Servings: 2.75
Metric Package #:
1A4000B00048829000000671
Metric Source Package #: NA

Lab ID: DE51208001-001
Ordered: 12/08/25
Sampled Date: 12/08/25
Sample Size: 976 ml
Completed: 12/15/25

PASSED

MELLOW MIND HEMP PRODUCTS

7085 C AVE NE #2,
CEDAR RAPIDS, IA, 52402
License # : 405R-00037


SAFETY RESULTS

Pesticide	Heavy Metals	Microbial	Mycotoxins	Solvents	Filth/Foreign Material	Water Activity	Moisture Content	Terpenes	MISC.
PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	



Cannabinoid

PASSED



Total THC
0.001%

Total THC/Serving: 3.550 mg



Total CBD
0.001%

Total CBD/Serving: 3.550 mg



Total Cannabinoids
0.002%

Total Cannabinoids/Serving : 7.100 mg



Qualifier	CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	D9-THC	D8-THC	THCVA	D10-THC	CBC	THCA
%	ND	ND	ND	<0.004	ND	ND	ND	ND	ND	<0.003	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	<0.043	0.001	0.001	0.002	0.001	0.001	0.004	0.001	0.002	0.001	0.002	0.001
LOD	0.002	0.001	0.002	0.001	0.001	0.002	0.001	0.001	0.001	0.004	0.001	0.002	0.001	0.002	0.001
LOQ	0.005	0.003	0.006	0.004	0.004	0.006	0.005	0.005	0.005	0.012	0.003	0.008	0.004	0.006	0.008
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
3460, 3498, 3428, 8, 4046 **Weight:**
1.0081g **Extraction date:**
12/09/25 10:18:24 **Extracted by:**
3200

Analysis Method : SOP.T.40.039.CO
Analytical Batch : DE011643POT
Instrument Used : UHPLC 2040C "Dionysus"
Analyzed Date : 12/15/25 12:01:56

Batch Date : 12/08/25 15:47:16

Dilution : 3
Reagent : 120425.R14; 120325.R07; 120425.R13; 120425.R15; 120325.R05; 120925.R05; 120925.R06; 120425.R12; 082925.01
Consumables : 947.100; 24072098; 04303051; 0000416055; 042725CH01; 1009372578; 61572-107C6-107H
Pipette : 20C40454_Repeater; 19L82077_P100; 21K57929_P200

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.

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William Stephens
Lab Director

State License #
405R-00037 405-00022
ISO 17025
Accreditation #
433.01

Signature
12/15/25
Laboratory License #:
405R-00037



Certificate of Analysis

Pages 2 of 6

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CEDAR RAPIDS, IA, 52402
License # : 405R-00037

Sample: DE51208001-001
Batch #: CO HEMP - MLA.RTD1.FP
Seed to sale: 1A4000B00048829000000671

Ordered: 12/08/25
Sampled: 12/08/25
Completed: 12/15/25

PASSED



Label Claim Verification

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
Analyzed by:	Weight:			Extraction date:		Extracted by:	
Analysis Method : N/A							
Analytical Batch : N/A							
Instrument Used : N/A							
Analyzed Date : 12/15/25 12:02:20							
					Batch Date : N/A		



Pesticide

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
AZADIRACHTIN	ppb	1.198	3.594	500	PASS	ND	
PIPERONYL BUTOXIDE	ppb	0.328	0.985	1250	PASS	ND	
PYRETHRINS	ppb	0.181	0.543	50	PASS	ND	
ABAMECTIN	ppb	0.014	0.042	100	PASS	ND	
ACEPHATE	ppb	0.276	0.827	20	PASS	ND	
ACEQUINOCYL	ppb	0.271	0.812	30	PASS	ND	
ACETAMIPRID	ppb	0.225	0.675	100	PASS	ND	
ALDICARB	ppb	0.421	1.262	1000	PASS	ND	
ALLETHRIN	ppb	0.360	1.080	200	PASS	ND	
ATRAZINE	ppb	1.064	3.192	25	PASS	ND	
AZOXYSTROBIN	ppb	0.112	0.337	20	PASS	ND	
BIFENTHRIN	ppb	0.347	1.041	1000	PASS	ND	
BENZOVINDIFLUPYR	ppb	0.365	1.095	20	PASS	ND	
BIFENAZATE	ppb	0.329	0.986	20	PASS	ND	
BOSCALID	ppb	0.306	0.917	20	PASS	ND	
BUPROFEZIN	ppb	0.300	0.900	20	PASS	ND	
CARBARYL	ppb	0.317	0.950	50	PASS	ND	
CARBOFURAN	ppb	0.332	0.995	20	PASS	ND	
CHLORANTRANILIPROLE	ppb	0.463	1.389	20	PASS	ND	
CHLORPYRIFOS	ppb	0.289	0.867	40	PASS	ND	
CLOFENTEZINE	ppb	0.350	1.052	20	PASS	ND	
CLOTHIANIDIN	ppb	0.537	1.611	50	PASS	ND	
COUMAPHOS	ppb	0.253	0.759	20	PASS	ND	
CYANTRANILIPROLE	ppb	0.541	1.623	20	PASS	ND	
CYFLUTHRIN	ppb	0.607	1.822	200	PASS	ND	
CYHALOTHRIN-LAMBDA	ppb	1.860	5.580	250	PASS	ND	
CYPERMETHRIN	ppb	0.306	0.919	300	PASS	ND	
CYPRODINIL	ppb	0.438	1.313	250	PASS	ND	
DAMINOZIDE	ppb	4.991	14.972	100	PASS	ND	
DELTAMETHRIN	ppb	0.843	2.529	500	PASS	ND	
DIAZINON	ppb	0.205	0.617	20	PASS	ND	
DICHLORVOS	ppb	0.989	2.966	100	PASS	ND	
DIMETHOATE	ppb	0.259	0.776	20	PASS	ND	
DIMETHOMORPH	ppb	0.101	0.304	50	PASS	ND	
DINOTEFURAN	ppb	0.400	1.201	100	PASS	ND	
DIURON	ppb	0.792	2.377	125	PASS	ND	
DODEMORPH	ppb	0.271	0.820	50	PASS	ND	
ETHOPROPHOS	ppb	0.474	1.421	20	PASS	ND	
ETOENPROX	ppb	0.411	1.234	50	PASS	ND	
ETOXAZOLE	ppb	0.184	0.552	20	PASS	ND	
FENHEXAMID	ppb	0.945	2.835	125	PASS	ND	
FENOXYCARB	ppb	0.432	1.295	20	PASS	ND	

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William Stephens
Lab Director

State License #:
405R-00037 405-00022
ISO 17025
Accreditation #:
4331.01

Will J
Signature
12/15/25
Laboratory License #:
405R-00037



Certificate of Analysis

Pages 3 of 6
MELLOW MIND HEMP PRODUCTS

7085 C AVE NE #2,
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License # : 405R-00037

Sample: DE51208001-001

Batch #: CO HEMP - MLA.RTD1.FP
Seed to sale: 1A4000B00048829000000671

Ordered: 12/08/25
Sampled: 12/08/25
Completed: 12/15/25
PASSED


Pesticide

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
FENPYROXIMATE	ppb	0.310	0.929	20	PASS	ND	
FENSULFOOTHION	ppb	0.368	1.105	20	PASS	ND	
FIPRONIL	ppb	0.271	0.812	60	PASS	ND	
FLONICAMID	ppb	0.349	1.048	50	PASS	ND	
FLUDIOXONIL	ppb	0.263	0.789	20	PASS	ND	
FLUOPYRAM	ppb	0.382	1.145	20	PASS	ND	
HEXYTHIAZOX	ppb	0.198	0.593	10	PASS	ND	
IMAZALIL	ppb	0.402	1.206	50	PASS	ND	
IMIDACLOPRID	ppb	0.265	0.795	20	PASS	ND	
KRESOXIM-METHYL	ppb	0.511	1.534	20	PASS	ND	
MALATHION	ppb	0.304	0.911	20	PASS	ND	
METALAXYL	ppb	0.276	0.827	20	PASS	ND	
METHiocarb	ppb	2.311	6.931	20	PASS	ND	
METHOMYL	ppb	0.379	1.137	50	PASS	ND	
METHOPRENE	ppb	0.489	1.468	2000	PASS	ND	
MEVINPHOS	ppb	0.043	0.130	50	PASS	ND	
MGK-264	ppb	0.144	0.431	50	PASS	ND	
MYCLOBUTANIL	ppb	0.442	1.325	20	PASS	ND	
NALED	ppb	0.430	1.292	100	PASS	ND	
NOVALURON	ppb	0.216	0.649	50	PASS	ND	
OTHER PESTICIDES	ppb	0.100	1.000	100	PASS	ND	
OXAMYL	ppb	0.376	1.128	3000	PASS	ND	
PACLOBUTRAZOL	ppb	1.423	4.268	20	PASS	ND	
PERMETHRINS	ppb	0.211	0.633	500	PASS	ND	
PHENOTHRIN	ppb	0.306	0.918	50	PASS	1.639	
PHOSMET	ppb	0.248	0.745	20	PASS	ND	
PIRIMICARB	ppb	0.346	1.037	20	PASS	ND	
PRALLETHRIN	ppb	0.662	1.987	50	PASS	ND	
PROPICONAZOLE	ppb	0.566	1.697	100	PASS	ND	
PROPOXUR	ppb	0.783	2.350	20	PASS	ND	
PRYRACLOSTROBIN	ppb	0.238	0.714	20	PASS	ND	
PYRIDABEN	ppb	0.298	0.894	50	PASS	ND	
PYRIPROXYFEN	ppb	0.855	2.565	10	PASS	ND	
RESMETHRIN	ppb	0.201	0.602	100	PASS	ND	
SPINETORAM	ppb	0.118	0.353	20	PASS	ND	
SPINOSADS	ppb	0.054	0.163	100	PASS	ND	
SPIRODICLOFEN	ppb	0.183	0.549	250	PASS	ND	
SPIROMESIFEN	ppb	0.291	0.874	3000	PASS	ND	
SPIROTETRAMAT	ppb	0.427	1.280	20	PASS	ND	
SPIROXAMINE	ppb	0.374	1.124	100	PASS	ND	
TEBUCONAZOLE	ppb	0.330	0.991	50	PASS	ND	
TEBUFENOZIDE	ppb	0.215	0.646	20	PASS	ND	
TEFLUBENZURON	ppb	0.444	1.331	50	PASS	ND	
TETRACHLORVINPHOS	ppb	0.133	0.399	20	PASS	ND	
TETRAMETHRIN	ppb	0.238	0.714	100	PASS	ND	
THIABENDAZOLE	ppb	0.806	2.417	20	PASS	ND	
THIACLOPRID	ppb	0.400	1.200	20	PASS	ND	
THIAMETHOXAM	ppb	0.323	0.970	20	PASS	ND	
THIOPHANATE-METHYL	ppb	1.241	3.724	50	PASS	ND	
TRIFLOXYSTROBIN	ppb	0.194	0.574	20	PASS	ND	
CHLORPHENAPYR	ppb	3.000	10.000	50	PASS	ND	
ENDOSULFAN SULFATE	ppb	3.000	10.000	50	PASS	ND	
ENDOSULFAN-ALPHA	ppb	3.000	10.000	200	PASS	ND	
ENDOSULFAN-BETA	ppb	3.000	10.000	50	PASS	ND	

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**William
Stephens**
Lab Director

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ISO 17025
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Signature
12/15/25
Laboratory License #: 405R-00037



Certificate of Analysis

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MELLOW MIND HEMP PRODUCTS

7085 C AVE NE #2,
CEDAR RAPIDS, IA, 52402
License # : 405R-00037

Sample: DE51208001-001

Batch #: CO HEMP - MLA.RTD1.FP
Seed to sale: 1A4000B00048829000000671

Ordered: 12/08/25
Sampled: 12/08/25
Completed: 12/15/25
PASSED


Pesticide

PASSED
ANALYTES

ETRIDIAZOLE
FENVALERATE
FENTHION
IPRODIONE
KINOPRENE
PARATHION-METHYL
QUINTOZENE

	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
ETRIDIAZOLE	ppb	3.000	10.000	30	PASS	ND	
FENVALERATE	ppb	3.000	10.000	100	PASS	ND	
FENTHION	ppb	3.000	10.000	20	PASS	ND	
IPRODIONE	ppb	3.000	10.000	1000	PASS	ND	
KINOPRENE	ppb	3.000	10.000	500	PASS	ND	
PARATHION-METHYL	ppb	3.000	10.000	50	PASS	ND	
QUINTOZENE	ppb	3.000	10.000	20	PASS	ND	

Analyzed by:
1642, 2, 4046

Weight:
0.2004g

Extraction date:
12/10/25 13:39:17

Extracted by:
2950,1642

Analysis Method : SOP.T.30.105.CO, SOP.T.40.105.CO

Analytical Batch : DE011651PES

Instrument Used : Sciex 7500 Qtrap "Hades" - Pesticides

Analyzed Date : 12/15/25 06:19:41

Batch Date : 12/09/25 12:29:39

Dilution : 20

Reagent : 120525.R08; 120425.R07; 120225.11

Consumables : 0000416055; 1; 04411066; 2; 00359406-6; 00362648-5

Pipette : N/A

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5).

Analyzed by:
1642, 8, 4046

Weight:
0.2g

Extraction date:
12/12/25 17:52:11

Extracted by:
2950,1642

Analysis Method : SOP.T.30.105.CO, SOP.T.40.105.CO

Analytical Batch : DE011683VOL

Instrument Used : Shimadzu GCMS "GZMA"

Analyzed Date : 12/15/25 08:04:28

Batch Date : 12/12/25 17:43:30

Dilution : 5

Reagent : N/A

Consumables : N/A

Pipette : N/A

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



Residual Solvents

PASSED
ANALYTES

PROPANE
BUTANES
METHANOL
PENTANES
ETHANOL
ACETONE
2-PROPANOL
HEXANES
ETHYL ACETATE
BENZENE
HEPTANE
TOLUENE
XYLENES
OTHER SOLVENT

	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
PROPANE	ppm	15.152	50.000	1000	PASS	ND	
BUTANES	ppm	15.152	50.000	1000	PASS	ND	
METHANOL	ppm	15.152	50.000	600	PASS	ND	
PENTANES	ppm	18.182	60.000	1000	PASS	ND	
ETHANOL	ppm	15.152	50.000	1000000	PASS	54.963	
ACETONE	ppm	18.182	50.000	1000	PASS	ND	
2-PROPANOL	ppm	15.152	50.000	1000	PASS	ND	
HEXANES	ppm	6.061	20.000	60	PASS	ND	
ETHYL ACETATE	ppm	15.152	50.000	1000	PASS	ND	
BENZENE	ppm	0.303	1.000	2	PASS	ND	
HEPTANE	ppm	19.697	65.000	1000	PASS	ND	
TOLUENE	ppm	7.576	25.000	180	PASS	ND	
XYLENES	ppm	7.576	25.000	430	PASS	ND	
OTHER SOLVENT	ppm	10.000	10.000	1000	PASS	ND	

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**William
Stephens**
Lab Director

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4331.01

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Certificate of Analysis

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MELLOW MIND HEMP PRODUCTS
7085 C AVE NE #2,
CEDAR RAPIDS, IA, 52402
License # : 405R-00037

Sample: DE51208001-001
Batch #: CO HEMP - MLA.RTD1.FP
Seed to sale: 1A4000B00048829000000671

Ordered: 12/08/25
Sampled: 12/08/25
Completed: 12/15/25

PASSED



Residual Solvents

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 3417, 8, 4046	Weight:	0.0291g		Extraction date: 12/08/25 13:38:40		Extracted by: 3417	
Analysis Method : SOP.T.40.041.CO							
Analytical Batch : DE011638SOL							
Instrument Used : Shimadzu GCMS 1							
Analyzed Date : 12/10/25 08:22:17				Batch Date : 12/08/25 08:45:00			
Dilution : 0.02							
Reagent : 111225.01; 103025.01; 042925.17							
Consumables : R2017.100; 319631; 0400228							
Pipette : Gas-tight 25uL Syringe - S/N 31990; Gas-tight 25uL Syringe - S/N 33198							

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



Microbial

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL YEAST AND MOLD	cfu/g	100	100	10000	PASS	ND	
SHIGA-TOXIN PRODUCING ESCHERICHIA COLI (STEC)					PASS	Not Present	
SALMONELLA SPECIES					PASS	Not Present	
TOTAL AEROBIC	cfu/g	10	10	10000	PASS	ND	
TOTAL COLIFORM	cfu/g	10	10	100	PASS	ND	
Analyzed by: 3665, 8, 4046	Weight:	3.14g		Extraction date: 12/08/25 12:38:44		Extracted by: 3665	

Analysis Method : SOP.T.40.057.CO; SOP.T.40.209.CO							
Analytical Batch : DE011640MIC							
Instrument Used : Microbial - Full Panel					Batch Date : 12/08/25 09:50:46		
Analyzed Date : 12/11/25 10:06:56							
Dilution : N/A							
Reagent : 120325.R08; 112625.R09; 112625.R05; 120325.R09; 070825.04; 073025.01; 110625.02; 101025.05; 101525.02; 052325.15; 052325.14; 111825.01; 111125.01; 102225.02; 112625.01							
Consumables : 250226-3059-A; 1; 2; 3; 211129-1127; 61970-408C6-408I; 00120; 01859; 62125-528C6-528J; 250522-14304-F; 25A5550							
Pipette : MIC EXT - L47149_P1000; MIC EXT - MV21601_P1000; MIC TYM - MU03680_P1000; MIC PCR - M32141C_P100; MIC TYM - MU06201_P100; MIC PCR - N65633K_P200; MIC EXT - K94440L_P20; MIC - 20E73249_Dispensette 5-50mL; MIC EXT - J46789J_P200; MIC PCR - J55715J_P20; MIC TYM - M30687C_P10; MIC PCR - O52710K_P10; MIC TYM - N15637K_P100; MIC PCR - O34081K_P1000; MIC TYM - 20B29164_P1000							

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) methods and plating methods. If a pathogenic Escherichia Coli (STEC) or Salmonella is detected in 1g of a sample, the sample fails the microbiological-impurity testing.



Mycotoxins

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
AFLATOXINS	ppb	0.0900	0.2710	20	PASS	ND	
AFLATOXIN B1	ppb	1.3270	3.9810	20	PASS	ND	
AFLATOXIN B2	ppb	0.0900	0.2710	20	PASS	ND	
AFLATOXIN G1	ppb	0.1800	0.5410	20	PASS	ND	
AFLATOXIN G2	ppb	0.3030	0.9120	20	PASS	ND	
OCHRATOXIN A+	ppb	0.0490	0.1470	20	PASS	ND	

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7085 C AVE NE #2,
CEDAR RAPIDS, IA, 52402
License # : 405R-00037

Sample: DE51208001-001
Batch #: CO HEMP - MLA.RTD1.FP
Seed to sale: 1A4000B00048829000000671

Ordered: 12/08/25
Sampled: 12/08/25
Completed: 12/15/25

PASSED



Mycotoxins

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 1642, 2, 4046	Weight:	0.2g		Extraction date: 12/14/25 22:52:00		Extracted by: 1642	
Analysis Method : SOP-060 (R5)							
Analytical Batch : DE011669MYC							
Instrument Used : Sciex 7500 Qtrap "Hades" - Mycotoxins							
Analyzed Date : 12/15/25 06:18:41						Batch Date : 12/11/25 10:29:46	
Dilution : 20							
Reagent : 120425.R07; 120525.R08; 120225.11							
Consumables : 04411066; 0000416055; 1; 2; 00360211-5; 00361425-5							
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 < 20µg/Kg. Ochratoxins must be < 5µg/Kg.



Heavy Metals

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
ARSENIC	ppm	0.0048	0.0144	1.5	PASS	ND	
CADMIUM	ppm	0.0016	0.0049	0.5	PASS	ND	
MERCURY	ppm	0.0008	0.0023	1	PASS	ND	
LEAD	ppm	0.0039	0.0117	1	PASS	ND	
Analyzed by: 3726, 3417, 8, 4046	Weight:	0.1984g		Extraction date: 12/09/25 08:53:48		Extracted by: 3726	
Analysis Method : SOP.T.40.081.CO							
Analytical Batch : DE011642HEA							
Instrument Used : Shimadzu 2030 ICP-MS "RUMPEL"						Batch Date : 12/08/25 13:06:05	
Analyzed Date : 12/11/25 10:06:14							
Dilution : 50							
Reagent : N/A							
Consumables : N/A							
Pipette : N/A							

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.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is a Kaycha Labs certification. The results relate only to the material received or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid or contaminant content of batch material may vary depending on sampling error. ND=Not Detected, NT=Not Tested, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds. The Measurement Uncertainty (UM) error is available from the lab upon request.

William Stephens
Lab Director

State License #:
405R-00037 405-00022
ISO 17025
Accreditation #:
4331.01

Will J

Signature
12/15/25
Laboratory License #:
405R-00037