



Certificate of Analysis

Laboratory Sample ID: DE41118014-001



Production Method: Other
Harvest/Lot ID: C4199
Batch#: CO HEMP - C4199
Seed to Sale#: 1A4000B00010D25000006164
Sample Size Received: 2 units
Total Amount: 1000 units
Retail Product Size: 60 gram
Retail Serving Size: 1 gram
Servings: 1
Ordered: 11/08/24
Sampled: 11/18/24
Completed: 11/23/24

Nov 25, 2024 | Elixinol

License # 405R-00011

10170 Church Ranch Way
Westminster, CO, 80021, US

PASSED

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SAFETY RESULTS


Pesticides
PASSED


Heavy Metals
PASSED


Microbials
PASSED


Mycotoxins
PASSED


Residuals
Solvents
PASSED


Filtration
NOT TESTED


Water Activity
NOT TESTED


Moisture
NOT TESTED


Homogeneity
Testing
NOT TESTED

MISC.

Terpenes
NOT TESTED



Cannabinoid

TESTED



Total THC

ND

Total THC/Container : 0.00 mg



Total CBD

2.3564%

Total CBD/Container : 1413.84 mg



Total Cannabinoids

2.3564%

Total Cannabinoids/Container : 1413.84 mg

	CBDV	CBDVA	CBG	CBD	CBDa	THCV	CBGA	CBN	EXO-THC	D9-THC	D8-THC	THCVA	D10-THC	CBNA	CBC	THCA	CBCA	THC-O-ACE	CBL	CBLA	TOTAL SIB
%	ND	ND	ND	2.3564	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.0044	ND	ND	ND	ND	ND	ND
mg/unit	ND	ND	ND	1413.840	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<2.640	ND	ND	ND	ND	ND	ND
LOD	0.0017	0.0014	0.0009	0.0021	0.0031	0.0006	0.0016	0.0044	0.0008	0.0025	0.0016	0.0029	0.0059	0.0047	0.0014	0.0026	0.0011	0.0021	0.0034	0.0022	0.0100
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
3428, 2950, 8, 3200, 3665

Weight:
1.0285g

Extraction date:
11/19/24 13:31:46

Extracted by:
3200

Analysis Method : SOP.T.40.039.CO
Analytical Batch : DE008899POT
Instrument Used : Agilent 1100 "Liger"
Analyzed Date : 11/25/24 13:59:06

Batch Date : 11/19/24 12:06:44

Dilution : 40
Reagent : 100924.R01; 111824.R05; 111824.R24; 083124.R07; 100524.R06
Consumables : 947.100; 24170279; 04303051; 0000186393; 319121051; 20240202; 61544-104C6-104C; 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 - TESTED

Analyte	LOD	Units	Pass/Fail	Result	Analyte	LOD	Units	Pass/Fail	Result
TOTAL CBG	0.00	mg	TESTED	ND	TOTAL CBN	0.00	mg	TESTED	ND

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William Stephens

Lab Director

State License # 405R-00011
405-00008

ISO 17025 Accreditation # 4331.01



Signature
11/23/24



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PASSED

Elixinol

10170 Church Ranch Way
Westminster, CO, 80021, US
Telephone: (884) 804-3504
Email: kaitlyn.amick@elixinolwellness.com
License #: 405R-00011

Sample : DE41118014-001
Harvest/Lot ID: C4199

Batch #: CO HEMP - C4199
Sampled : 11/18/24
Ordered : 11/18/24

Sample Size Received : 2 units
Total Amount : 1000 units
Completed : 11/23/24 Expires: 11/23/25
Sample Method : SOP Client Method

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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ACEPHATE	0.2755	ppb	20	PASS	ND	PACLOBUTRAZOL	1.4227	ppb	20	PASS	ND
ACEQUINOXYL	0.2707	ppb	30	PASS	ND	PERMETHRINS	0.2109	ppb	500	PASS	ND
ACETAMIPRID	0.2250	ppb	100	PASS	ND	PHENOTHRIN	0.3060	ppb	50	PASS	ND
ALDICARB	0.4206	ppb	1000	PASS	ND	PHOSMET	0.2483	ppb	20	PASS	ND
ALLETHRIN	0.3601	ppb	200	PASS	ND	PIRIMICARB	0.3458	ppb	20	PASS	ND
ATRAZINE	1.0640	ppb	25	PASS	ND	PRALLETHRIN	0.6623	ppb	50	PASS	ND
ABAMECTIN	0.0139	ppb	100	PASS	ND	PROICONAZOLE	0.5658	ppb	100	PASS	ND
AZOXYSTROBIN	0.1122	ppb	20	PASS	ND	PROPOXUR	0.7835	ppb	20	PASS	ND
BENZOVINDIFLUPYR	0.3651	ppb	20	PASS	ND	PRYACLOSTROBIN	0.2379	ppb	20	PASS	ND
BIFENAZATE	0.3285	ppb	20	PASS	ND	PYRIDABEN	0.2980	ppb	50	PASS	ND
BIFENTHRIN	0.3469	ppb	1000	PASS	ND	PYRIPROXYFEN	0.8551	ppb	10	PASS	ND
BOSCALID	0.3057	ppb	20	PASS	ND	RESMETHRIN	0.2008	ppb	100	PASS	ND
BUPROFEZIN	0.3000	ppb	20	PASS	ND	SPINETORAM	0.1177	ppb	20	PASS	ND
CARBARYL	0.3165	ppb	50	PASS	ND	SPINOSADS	0.0545	ppb	100	PASS	ND
CARBOFURAN	0.3317	ppb	20	PASS	ND	SPIRODICLOFEN	0.1830	ppb	250	PASS	ND
CHLORANTRANILIPROLE	0.4629	ppb	20	PASS	ND	SPIROMESIFEN	0.2912	ppb	3000	PASS	ND
CHLORPYRIFOS	0.2889	ppb	40	PASS	ND	SPIROTETRAMAT	0.4266	ppb	20	PASS	ND
CLOFENTEZINE	0.3505	ppb	20	PASS	ND	SPIROXAMINE	0.3745	ppb	100	PASS	ND
CLOTHIANIDIN	0.5370	ppb	50	PASS	ND	SPIROXAMINE	0.3745	ppb	100	PASS	ND
COUMAPHOS	0.2529	ppb	20	PASS	ND	TEBUCONAZOLE	0.3302	ppb	50	PASS	ND
CYANTRANILIPROLE	0.5411	ppb	20	PASS	ND	TEBUCONAZOLE	0.3302	ppb	50	PASS	ND
CYFLUTHRIN	0.6072	ppb	200	PASS	ND	TEBUCONAZOLE	0.3302	ppb	50	PASS	ND
CYHALOTHRIN-LAMBDA	1.8598	ppb	250	PASS	ND	TEBUCONAZOLE	0.3302	ppb	50	PASS	ND
CYPERMETHRIN	0.3065	ppb	300	PASS	ND	TEFLUBENZURON	0.4437	ppb	50	PASS	ND
CYPRODINIL	0.4377	ppb	250	PASS	ND	TETRACHLORVINPHOS	0.1330	ppb	20	PASS	ND
DAMINOZIDE	4.9907	ppb	100	PASS	ND	TETRAMETHRIN	0.2380	ppb	100	PASS	ND
DELTAMETHRIN	0.8431	ppb	500	PASS	ND	THIABENDAZOLE	0.8056	ppb	20	PASS	ND
DIAZINON	0.2055	ppb	20	PASS	ND	THIACLOPRID	0.3999	ppb	20	PASS	ND
DICHLORVOS	0.9888	ppb	100	PASS	ND	THIAMETHOXAM	0.3232	ppb	20	PASS	ND
DIMETHOATE	0.2585	ppb	20	PASS	ND	THIOPHANATE-METHYL	1.2413	ppb	50	PASS	ND
DIMETHOMORPH	0.1014	ppb	50	PASS	ND	TRIFLOXYSTROBIN	0.1938	ppb	20	PASS	ND
DINOTEFURAN	0.4004	ppb	100	PASS	ND	CHLORPHENAPYR *	0.4120	ppb	50	PASS	ND
DIURON	0.7923	ppb	125	PASS	ND	ENDOSULFAN SULFATE *	0.4196	ppb	50	PASS	ND
DODEMORPH	0.2713	ppb	50	PASS	ND	ENDOSULFAN-ALPHA *	0.5956	ppb	200	PASS	ND
ETHOPROPHOS	0.4738	ppb	20	PASS	ND	ENDOSULFAN-BETA *	0.5555	ppb	50	PASS	ND
ETOFENPROX	0.4114	ppb	50	PASS	ND	ETRIDIAZOLE *	1.2221	ppb	30	PASS	ND
ETOXAZOLE	0.1839	ppb	20	PASS	ND	FENTHION *	0.3118	ppb	20	PASS	ND
FENHEXAMID	0.9450	ppb	125	PASS	ND	FENVALERATE *	0.5416	ppb	100	PASS	ND
FENOXYCARB	0.4316	ppb	20	PASS	ND	IPIRODIONE *	0.2738	ppb	1000	PASS	ND
FENPYROXIMATE	0.3098	ppb	20	PASS	ND	KINOPRENE *	1.7294	ppb	500	PASS	ND
FENSULFOTHION	0.3684	ppb	20	PASS	ND	PARATHION-METHYL *	0.2709	ppb	50	PASS	ND
FIPRONIL	0.2707	ppb	60	PASS	ND	QUINTOZENE *	0.2693	ppb	20	PASS	ND
FLONICAMID	0.3493	ppb	50	PASS	ND						
FLUDIOXONIL	0.2632	ppb	20	PASS	ND						
FLUOPYRAM	0.3817	ppb	20	PASS	ND						
HEXYTHIAZOX	0.1977	ppb	10	PASS	ND						
IMAZALIL	0.4019	ppb	50	PASS	ND						
IMIDACLOPRID	0.2650	ppb	20	PASS	ND						
KRESOXIM-METHYL	0.5115	ppb	20	PASS	ND						
MALATHION	0.3036	ppb	20	PASS	ND						
METALAXYL	0.2756	ppb	20	PASS	ND						
METHIOCARB	2.3105	ppb	20	PASS	ND						
METHOMYL	0.3790	ppb	50	PASS	ND						
METHOPRENE	0.4892	ppb	2000	PASS	ND						
MEVINPHOS	0.0432	ppb	50	PASS	ND						
MGK-264	0.1438	ppb	50	PASS	ND						
MYCLOBUTANIL	0.4417	ppb	20	PASS	ND						
NALED	0.4305	ppb	100	PASS	ND						
NOVALURON	0.2164	ppb	50	PASS	ND						
OTHER PESTICIDES	0.1000	ppb	100	PASS	ND						
OXAMYL	0.3760	ppb	3000	PASS	ND						

Analyzed by: 1642, 2, 3665 **Weight:** 0.193g **Extraction date:** 11/20/24 13:29:55 **Extracted by:** 1642,3484
Analysis Method: SOP-060 (RS)
Analytical Batch: DE008904PES
Instrument Used: Sciex 7500 Qtrap "Hades" - Pesticides **Batch Date:** 11/19/24 17:44:54
Analyzed Date: 11/23/24 11:15:17
Dilution: 20
Reagent: N/A
Consumables: N/A
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 (RS).
Analyzed by: 2950, 8, 3665 **Weight:** 0.193g **Extraction date:** 11/20/24 16:11:29 **Extracted by:** 1642
Analysis Method: N/A
Analytical Batch: DE008906VOL
Instrument Used: Sciex 7500 Qtrap "Hades" - Pesticides **Batch Date:** 11/20/24 11:28:36
Analyzed Date: 11/22/24 15:34:42
Dilution: 20
Reagent: 052324.R04; 052324.R03; 111524.R15
Consumables: 22082065; 429516; 04303051; 0000186393; 20240202
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.

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William Stephens
Lab Director
State License # 405R-00011
405-00008
ISO 17025 Accreditation # 4331.01

Signature
11/23/24



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 License #: 405R-00011

 Sample : DE41118014-001
 Harvest/Lot ID: C4199

 Batch#: CO HEMP - C4199
 Sampled : 11/18/24
 Ordered : 11/18/24

 Sample Size Received : 2 units
 Total Amount : 1000 units
 Completed : 11/23/24 Expires: 11/23/25
 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	<3.8360
PENTANES	6.6710	ppm	1000	PASS	ND
ETHANOL	2.7010	ppm	1000000	PASS	<8.1032
ACETONE	1.7080	ppm	1000	PASS	<5.1240
2-PROPANOL	1.5875	ppm	1000	PASS	7.6485
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: 3417, 8, 3665	Weight: 0.1403g	Extraction date: 11/20/24 13:59:56	Extracted by: 3417
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 Analysis Method : SOP.T.40.049.CO
 Analytical Batch : DE008897SOL
 Instrument Used : GC 5890 "Lizzie"
 Analyzed Date : 11/21/24 15:17:52

Batch Date : 11/19/24 10:10:11

 Dilution : 1
 Reagent : 110424.R20; 111524.R13
 Consumables : R2017.100; N/A; 238744; 61892-307C6-307E
 Pipette : P1000- 218648; P10- MU13938

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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 License # : 405R-00011

Sample : DE41118014-001
Harvest/Lot ID : C4199
Batch # : CO HEMP - C4199
Sampled : 11/18/24
Ordered : 11/18/24
Sample Size Received : 2 units
Total Amount : 1000 units
Completed : 11/23/24 Expires: 11/23/25
Sample Method : SOP Client Method

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 Microbial PASSED						 Mycotoxins PASSED					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL YEAST AND MOLD	100	cfu/g	ND	PASS	10000	AFLATOXINS	0	ppb	ND	PASS	20
SHIGA TOXIN PRODUCING			Not Present	PASS		AFLATOXIN B1	1	ppb	ND	PASS	20
ESCHERICHIA COLI STEC			Not Present	PASS		AFLATOXIN B2	0	ppb	ND	PASS	20
SALMONELLA SPECIES			Not Present	PASS		AFLATOXIN G1	0	ppb	ND	PASS	20
TOTAL AEROBIC	10	cfu/g	ND	PASS	10000	AFLATOXIN G2	0	ppb	ND	PASS	20
TOTAL COLIFORM	10	cfu/g	ND	PASS	100	OCHRATOXIN A+	0	ppb	ND	PASS	20
Analyzed by: 1473, 3215, 2, 3665	Weight: 1.4g	Extraction date: 11/19/24 16:46:11	Extracted by: 1473			Analyzed by: 1642, 2, 3665	Weight: NA	Extraction date: N/A	Extracted by: 1642		
Analysis Method : SOP.T.40.057.CO; SOP.T.40.209.CO						Analysis Method : SOP-060 (R5)					
Analytical Batch : DE008895MIC						Analytical Batch : DE008907MYC					
Instrument Used : Microbial - Full Panel						Instrument Used : Sciex 7500 Qtrap "Hades" - Mycotoxins					
Analyzed Date : 11/22/24 08:36:53						Analyzed Date : 11/23/24 11:15:02					
Batch Date : 11/19/24 09:18:05						Batch Date : 11/20/24 11:30:07					
Dilution : N/A						Dilution : 20					
Reagent : 111324.R01; 111424.R01; 110624.R16; 110624.R17; 110124.R11; 101724.R10; 100223.07; 031423.01; 101724.08; 101724.05; 111224.07; 091824.01; 080724.02; 100124.01; 111224.06; 110424.01						Reagent : N/A					
Consumables : 070424CH01; 01859; 00113; 20P2014300; 61970-408C6-408I; 61544-104C6-104C; 41064-115C4-115B; 40998-0514-051AL; 210811-307-8; 24D1371						Consumables : N/A					
Pipette : M - O48453J; M - L47149J; 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 - Q29305K; M - Q36416J; M - J46789J; M - J55715J; M - 052710K; M - N15637K; M - O34081K						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					
Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC	0	ppm	<0.0144	PASS	1.5
CADMIUM	0	ppm	ND	PASS	0.5
MERCURY	0	ppm	ND	PASS	1
LEAD	0	ppm	ND	PASS	1
Analyzed by: 3460, 3417, 3665	Weight: 0.2044g	Extraction date: 11/19/24 11:59:50	Extracted by: 3460		
Analysis Method : SOP.T.40.081.CO					
Analytical Batch : DE008896HEA					
Instrument Used : Shimadzu 2030 ICP-MS "RUMPEL"					
Analyzed Date : 11/20/24 12:23:04					
Batch Date : 11/19/24 09:44:20					
Dilution : 50					
Reagent : 092623.01; 111824.R06; 111824.R07; 062524.01; 110524.R01; 040324.02; 110524.R10; 091823.03					
Consumables : 24112; 114CB--114E; 20240202; 61544-104C6-104C					
Pipette : P10- MU13938; P100- 22G19765					

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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