



# Certificate of Analysis

Laboratory Sample ID: DE41118014-002

Production Method: Other

Harvest/Lot ID: C4198

Batch#: CO HEMP - C4198

Seed to Sale#: 1A4000B00010D25000006165

Sample Size Received: 2 units

Total Amount: 1000 units

Retail Product Size: 100 ml

Retail Serving Size: 1 ml

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**

Pages 1 of 4

## SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals  
Solvents  
**PASSED**



Filth  
**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

**1.5331%**

Total CBD/Container : 1533.10 mg



Total Cannabinoids

**1.5852%**

Total Cannabinoids/Container : 1585.20 mg

	CBDV	CBDVA	CBG	CBD	CBDa	THCV	CBGA	CBN	EXO-THC	D9-THC	D8-THC	THCVA	D10-THC	CBNA	CBC	THCA	CBGA	THC-O-ACE TATE	CBL	CBLA	TOTAL 9/10 (S)-HHC
%	ND	ND	0.0521	1.5331	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
mg/unit	ND	ND	52.100	1533.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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, 3665

Weight:  
1.0216g

Extraction date:  
11/19/24 13:31:53

Extracted by:  
3200

Analysis Method : SOP.T.40.039.CO  
Analytical Batch : DE008899POT  
Instrument Used : Agilent 1100 "Liger"  
Analyzed Date : 11/25/24 13:59:10

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.

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**William Stephens**

Lab Director

State License # 405R-00011

405-00008

ISO 17025 Accreditation # 4331.01

*Will S*

Signature

11/23/24



879 Federal Blvd  
Denver, CO, 80204, US  
(303) 427-2379

Kaycha Labs

FGR-101 Sports Gel PO-0085 C4198

Matrix : Infused

Type: Topical



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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
ACEQUINOCLYL	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	PROCONAZOLE	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	TEBUCONAZOLE	0.3302	ppb	50	PASS	ND
COUNAPHOS	0.2529	ppb	20	PASS	ND	TEBUPENOXIDE	0.2154	ppb	20	PASS	ND
CYANTHRANILIPROLE	0.5411	ppb	20	PASS	ND	TEFLUBENZURON	0.4437	ppb	50	PASS	ND
CYFLUTHRIN	0.6072	ppb	200	PASS	ND	TETRACHLORVINPHOS	0.1330	ppb	20	PASS	ND
CYHALOTHRIN-LAMBDA	1.8598	ppb	250	PASS	ND	TETRAMETHRIN	0.2380	ppb	100	PASS	ND
CYPERMETHRIN	0.3065	ppb	300	PASS	ND	THIABENDAZOLE	0.8056	ppb	20	PASS	ND
CYPRODINIL	0.4377	ppb	250	PASS	ND	THIACLOPRID	0.3999	ppb	20	PASS	ND
DAMINOZIDE	4.9907	ppb	100	PASS	ND	THIAMETHOXAM	0.3232	ppb	20	PASS	ND
DELTAMETHRIN	0.8431	ppb	500	PASS	ND	THIOPHANATE-METHYL	1.2413	ppb	50	PASS	ND
DIAZINON	0.2055	ppb	20	PASS	ND	TRIFLOXYSTROBIN	0.1938	ppb	20	PASS	ND
DICHLORVOS	0.9888	ppb	100	PASS	ND	CHLORPHENAPYR *	0.4120	ppb	50	PASS	ND
DIMETHOATE	0.2585	ppb	20	PASS	ND	ENDOSULFAN SULFATE *	0.4196	ppb	50	PASS	ND
DIMETHOMORPH	0.1014	ppb	50	PASS	ND	ENDOSULFAN-ALPHA *	0.5956	ppb	200	PASS	ND
DINOTEFURAN	0.4004	ppb	100	PASS	ND	ENDOSULFAN-BETA *	0.5555	ppb	50	PASS	ND
DIURON	0.7923	ppb	125	PASS	ND	ETRIDIAZOLE *	1.2221	ppb	30	PASS	ND
DODEMORPH	0.2713	ppb	50	PASS	ND	FENTHION *	0.3118	ppb	20	PASS	ND
ETHOPROPHOS	0.4738	ppb	20	PASS	ND	FENVALERATE *	0.5416	ppb	100	PASS	ND
ETOFENPROX	0.4114	ppb	50	PASS	ND	IPIRODIONE *	0.2738	ppb	1000	PASS	ND
ETOXAZOLE	0.1839	ppb	20	PASS	ND	KINOPRENE *	1.7294	ppb	500	PASS	ND
FENHEXAMID	0.9450	ppb	125	PASS	ND	PARATHION-METHYL *	0.2709	ppb	50	PASS	ND
FENOXYCARB	0.4316	ppb	20	PASS	ND	QUINTOZENE *	0.2693	ppb	20	PASS	ND
FENPYROXIMATE	0.3098	ppb	20	PASS	ND						
FENSULFOTHION	0.3684	ppb	20	PASS	ND						
FIPRONIL	0.2707	ppb	60	PASS	ND						
FLONICAMID	0.3493	ppb	50	PASS	ND						
FLUDIOXONIL	0.2632	ppb	20	PASS	ND						
FLUPYRIM	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						
MKG-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						

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

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Signature

11/23/24



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Denver, CO, 80204, US  
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Kaycha Labs

FGR-101 Sports Gel PO-0085 C4198

Matrix : Infused

Type: Topical



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Completed : 11/23/24 Expires: 11/23/25

Sample Method : SOP Client Method

Page 3 of 4

<div><div></div><div>Residual Solvents</div></div>				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	9.7671
PENTANES	6.6710	ppm	1000	PASS	ND
ETHANOL	2.7010	ppm	1000000	PASS	22.0116
ACETONE	1.7080	ppm	1000	PASS	<5.1240
2-PROPANOL	1.5875	ppm	1000	PASS	20.7142
HEXANES	1.9279	ppm	60	PASS	ND
ETHYL ACETATE	2.7921	ppm	1000	PASS	ND
BENZENE	0.4749	ppm	2	PASS	<1.4247
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: 0.1085g	Extraction date: 11/20/24 14:00:18		Extracted by: 3417	
Analysis Method : SOP.T.40.049.CO					
Analytical Batch : DE008897SOL					
Instrument Used : GC 5890 "Lizzie"			Batch Date : 11/19/24 10:10:11		
Analyzed Date : 11/21/24 15:18:03					
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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Kaycha Labs

FGR-101 Sports Gel PO-0085 C4198

Matrix : Infused

Type: Topical



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
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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	<b>Microbial</b>	<b>PASSED</b>		<b>Mycotoxins</b>	<b>PASSED</b>							
<b>Analyte</b>	<b>LOD</b>	<b>Units</b>	<b>Result</b>	<b>Pass / Fail</b>	<b>Action Level</b>	<b>Analyte</b>	<b>LOD</b>	<b>Units</b>	<b>Result</b>	<b>Pass / Fail</b>	<b>Action Level</b>	
<b>TOTAL YEAST AND MOLD</b>	100	cfu/g	ND	PASS	10000	<b>AFLATOXINS</b>	0	ppb	ND	PASS	20	
<b>SHIGA TOXIN PRODUCING</b>			Not Present	PASS		<b>AFLATOXIN B1</b>	1	ppb	ND	PASS	20	
<b>ESCHERICHIA COLI STEC</b>						<b>AFLATOXIN B2</b>	0	ppb	ND	PASS	20	
<b>SALMONELLA SPECIES</b>			Not Present	PASS		<b>AFLATOXIN G1</b>	0	ppb	ND	PASS	20	
<b>TOTAL AEROBIC</b>	10	cfu/g	ND	PASS	10000	<b>AFLATOXIN G2</b>	0	ppb	ND	PASS	20	
<b>TOTAL COLIFORM</b>	10	cfu/g	ND	PASS	100	<b>OCHRATOXIN A+</b>	0	ppb	ND	PASS	20	
<b>Analyzed by:</b> 1473, 3215, 2, 3665	<b>Weight:</b> 3.22g	<b>Extraction date:</b> 11/19/24 16:47:30	<b>Extracted by:</b> 1473			<b>Analyzed by:</b> 1642, 2, 3665	<b>Weight:</b> NA	<b>Extraction date:</b> N/A	<b>Extracted by:</b> 1642			
<b>Analysis Method :</b> SOP.T.40.057.CO; SOP.T.40.209.CO <b>Analytical Batch :</b> DE008895MIC <b>Instrument Used :</b> Microbial - Full Panel <b>Analyzed Date :</b> 11/22/24 08:38:53						<b>Analysis Method :</b> SOP-060 (R5) <b>Analytical Batch :</b> DE008907MYC <b>Instrument Used :</b> Sciex 7500 Qtrap "Hades" - Mycotoxins <b>Analyzed Date :</b> 11/23/24 11:15:04						
<b>Dilution :</b> N/A <b>Reagent :</b> 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 <b>Consumables :</b> 070424CH01; 01859; 00113; 20P2014300; 61970-408C6-408I; 61544-104C6-104C; 41064-115C4-115B; 40998-0514-051AL; 210811-307-8; 24D1371 <b>Pipette :</b> 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 - O52710K; M - N15637K; M - O34081K						<b>Dilution :</b> 20 <b>Reagent :</b> N/A <b>Consumables :</b> N/A <b>Pipette :</b> 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.						
						<b>Heavy Metals</b>						<b>PASSED</b>



## Heavy Metals

PASSED

Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC	0	ppm	ND	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: 0.2080g	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"			Batch Date : 11/19/24 09:44:20		
Analyzed Date : 11/20/24 12:23:11					
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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