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

Kaycha Labs

PT_Frostys_808
Matrix: Concentrate
Type: Tincture

Certificate of Analysis

Sample:DE40430017-001
Harvest/Lot ID: Batch 2401
Batch#: CO HEMP/7500 - Batch 2401
Seed to Sale# 1A4000B00010D25000004784
Batch Date: 04/16/24
Sample Size Received: 30 ml
Total Amount: 30 ml
Retail Product Size: 30 ml
Retail Serving Size: 30 ml
Servings: 1
Sample Density: 0.96 g/mL
Ordered: 04/29/24
Sampled: 04/30/24
Completed: 05/05/24

May 05, 2024 | Peak Therapeutics
License # 405R-00011
P.O. Box 2140
Breckenridge, CO, 80424, US

PASSED

SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture	Homogeneity Testing
PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

MISC.

Terpenes **TESTED**

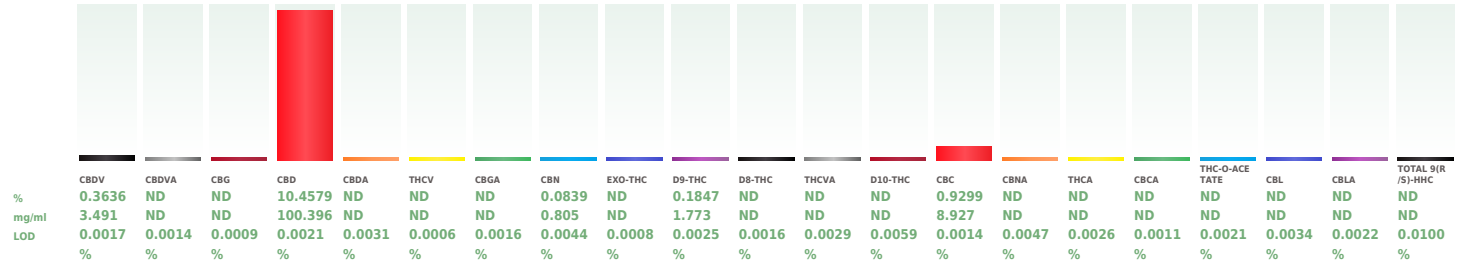
Cannabinoid

PASSED

Total THC
0.1847%

Total CBD
10.4579%

Total Cannabinoids
12.0200%



	CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	D9-THC	D8-THC	THCVA	D10-THC	CBC	CBNA	THCA	CBCA	THC-O-ACETATE	CBL	CBLA	TOTAL 9(R/S)-HHC
%	0.3636	ND	ND	10.4579	ND	ND	ND	0.0839	ND	0.1847	ND	ND	ND	0.9299	ND	ND	ND	ND	ND	ND	ND
mg/ml	3.491	ND	ND	100.396	ND	ND	ND	0.805	ND	1.773	ND	ND	ND	8.927	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 %	0.0014 %	0.0047 %	0.0026 %	0.0011 %	0.0021 %	0.0034 %	0.0022 %	0.0100 %

Analyzed by:
2721, 3200, 8, 1642, 3313

Weight:
1.0355g

Extraction date:
05/01/24 10:41:27

Extracted by:
2721

Analysis Method : SOP.T.40.039.CO
Analytical Batch : DE007735POT
Instrument Used : Agilent 1100 "Liger"
Analyzed Date : 05/01/24 13:22:11

Reviewed On : 05/02/24 13:32:09
Batch Date : 05/01/24 08:05:53

Dilution : 400
Reagent : 042924.R01; 040224.R09; 011624.R11; 043024.R01; 040324.02
Consumables : 22082065; 429516; 3026675; 0000186393; 319121051; 112023CH01; 41141-130C4-130D; 61892-307C6-307E
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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Stephen Goldman
Lab Director

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

Signature
05/05/24

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Kaycha Labs

PT_Frostys_808
Matrix : Concentrate
Type: Tincture

Certificate of Analysis

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Peak Therapeutics

P.O. Box 2140
Breckenridge, CO, 80424, US
Telephone: 9703680865
Email: daniel@ptcbd.net
License # : 405R-00011

Sample : DE40430017-001
Harvest/Lot ID: Batch 2401
Batch# : CO HEMP/7500 - Batch 2401
Sampled : 04/30/24
Ordered : 04/30/24

Sample Size Received : 30 ml
Total Amount : 30 ml
Completed : 05/05/24 **Expires:** 05/05/25
Sample Method : SOP Client Method

Terpenes

TESTED

Terpenes	LOD (%)	mg/ml	%	Result (%)
CARYOPHYLLENE OXIDE	0.0020	0.218	0.0227	
ALPHA-BISABOLOL	0.0020	0.213	0.0222	
GUAIOL	0.0020	<0.192	<0.0200	
NEROLIDOL	0.0020	<0.192	<0.0200	
ALPHA-HUMULENE	0.0020	<0.192	<0.0200	
BETA-CARYOPHYLLENE	0.0020	<0.192	<0.0200	
2-ETHYL-FENCHOL	0.0020	ND	ND	
3-CARENE	0.0020	ND	ND	
BISABOLENE	0.0020	ND	ND	
BORNEOL	0.0020	ND	ND	
CAMPHENE	0.0020	ND	ND	
EUCALYPTOL	0.0020	ND	ND	
GERANIOL	0.0020	ND	ND	
ISOPULEGOL	0.0020	ND	ND	
LIMONENE	0.0020	ND	ND	
LINALOOL	0.0020	ND	ND	
MENTHOL	0.0020	ND	ND	
OCIMENE	0.0020	ND	ND	
PULEGONE	0.0020	ND	ND	
TERPINOLENE	0.0020	ND	ND	
ALPHA-PINENE	0.0020	ND	ND	
ALPHA-TERPINENE	0.0020	ND	ND	
ALPHA-TERPINEOL	0.0020	ND	ND	
BETA-MYRCENE	0.0020	ND	ND	
BETA-PINENE	0.0020	ND	ND	
GAMMA-TERPINENE	0.0020	ND	ND	
P-CYMENE	0.0020	ND	ND	
Total (%)			**0.0440**	

Terpenes	LOD (%)	mg/ml	%	Result (%)

Analyzed by: 1642, 2, 3313
Weight: 1.0355g
Extraction date: 05/01/24 11:07:29
Extracted by: 2721,1642

Analysis Method : SOP-067 (R0)
Analytical Batch : DE007736TER
Instrument Used : GC 6890
Analyzed Date : 05/03/24 21:17:39
Reviewed On : 05/05/24 10:51:48
Batch Date : 05/01/24 08:13:33

Dilution : 40
Reagent : 011624.R11; 050224.R02
Consumables : 947.100; 429516; 2014919; 0000186393; 319121051; 060623CH01
Pipette : POT- 20E73244

Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.

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Matrix : Concentrate
Type: Tincture

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Email: daniel@ptcbd.net
License # : 405R-00011

Sample : DE40430017-001
Harvest/Lot ID: Batch 2401
Batch# : CO HEMP/7500 - Batch 2401
Sampled : 04/30/24
Ordered : 04/30/24

Sample Size Received : 30 ml
Total Amount : 30 ml
Completed : 05/05/24 **Expires:** 05/05/25
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN	0.0139	ppb	100	PASS	ND
AZOXYSTROBIN	0.1122	ppb	20	PASS	ND
BIFENAZATE	0.3285	ppb	20	PASS	ND
BIFENTHRIN	0.3469	ppb	1000	PASS	ND
BOSCALID	0.3057	ppb	20	PASS	ND
CARBARYL	0.3165	ppb	50	PASS	ND
CHLORPYRIFOS	0.2889	ppb	40	PASS	ND
CLOTHIANIDIN	0.5370	ppb	50	PASS	ND
CYHALOTHRIN-LAMBDA	1.8598	ppb	250	PASS	ND
DICHLORVOS	0.9888	ppb	100	PASS	ND
DIMETHOATE	0.2585	ppb	20	PASS	ND
DINOTEFURAN	0.4004	ppb	100	PASS	ND
DIURON	0.7923	ppb	125	PASS	ND
ETOXAZOLE	0.1839	ppb	20	PASS	ND
IMAZALIL	0.4019	ppb	50	PASS	ND
IMIDACLOPRID	0.2650	ppb	20	PASS	ND
MALATHION	0.3036	ppb	20	PASS	ND
METALAXYL	0.2756	ppb	20	PASS	ND
MYCLOBUTANIL	0.4417	ppb	20	PASS	ND
PERMETHRINS	0.2109	ppb	500	PASS	ND
PROPICONAZOLE	0.5658	ppb	100	PASS	ND
PYRIPROXYFEN	0.8551	ppb	10	PASS	ND
SPINOSADS	0.0545	ppb	100	PASS	ND
SPIROMESIFEN	0.2912	ppb	3000	PASS	ND
SPIROTETRAMAT	0.4266	ppb	20	PASS	ND
TEBUCONAZOLE	0.3302	ppb	50	PASS	ND
THIABENDAZOLE	0.8056	ppb	20	PASS	ND
THIAMETHOXAM	0.3232	ppb	20	PASS	ND
ACEPHATE	0.2755	ppb	50	PASS	ND
ACEQUINOCYL	0.2707	ppb	30	PASS	ND
ACETAMIPRID	0.2250	ppb	50	PASS	ND
ALDICARB	0.4206	ppb	500	PASS	ND
ALLETHRIN	0.3601	ppb	100	PASS	ND
ATRAZINE	1.0640	ppb	25	PASS	ND
AZADIRACHTIN	1.1979	ppb	500	PASS	ND
BENZOVINDIFLUPYR	0.3651	ppb	10	PASS	ND
BUPROFEZIN	0.3000	ppb	20	PASS	ND
CARBOFURAN	0.3317	ppb	10	PASS	ND
CHLORANTRANILIPROLE	0.4629	ppb	20	PASS	ND
CLOFENTEZINE	0.3505	ppb	10	PASS	ND
COUMAPHOS	0.2529	ppb	10	PASS	ND
CYANTRANILIPROLE	0.5411	ppb	10	PASS	ND
CYFLUTHRIN	0.6072	ppb	200	PASS	ND
CYPERMETHRIN	0.3065	ppb	300	PASS	ND
CYPRODINIL	0.4377	ppb	10	PASS	ND
DAMINOZIDE	4.9907	ppb	100	PASS	ND
DELTAMETHRIN	0.8431	ppb	500	PASS	ND
DIAZINON	0.2055	ppb	20	PASS	ND
DIMETHOMORPH	0.1014	ppb	50	PASS	ND
DODEMORPH	0.2713	ppb	50	PASS	ND
ETHOPROPHOS	0.4738	ppb	10	PASS	ND
FIPRONIL	0.2707	ppb	10	PASS	ND
ETOFENPROX	0.4114	ppb	50	PASS	ND
FENHEXAMID	0.9450	ppb	125	PASS	ND
FENOXYCARB	0.4316	ppb	20	PASS	ND
FENPYROXIMATE	0.3098	ppb	20	PASS	ND
FENSULFOTHION	0.3684	ppb	10	PASS	ND
FENVALERATE	0.5416	ppb	100	PASS	ND
FLONICAMID	0.3493	ppb	25	PASS	ND
FLUDIOXONIL	0.2632	ppb	10	PASS	ND
FLUOPYRAM	0.3817	ppb	10	PASS	ND

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
HEXYTHIAZOX	0.1977	ppb	10	PASS	ND
KRESOXIM-METHYL	0.5115	ppb	150	PASS	ND
METHIOCARB	2.3105	ppb	10	PASS	ND
METHOMYL	0.3790	ppb	25	PASS	ND
METHOPRENE	0.4892	ppb	2000	PASS	ND
MEVINPHOS	0.0432	ppb	25	PASS	ND
MGK-264	0.1438	ppb	50	PASS	ND
NALED	0.4305	ppb	100	PASS	ND
NOVALURON	0.2164	ppb	25	PASS	ND
PHOSMET	0.2483	ppb	20	PASS	ND
OXAMYL	0.3760	ppb	1500	PASS	ND
PIPERONYL BUTOXIDE	0.3284	ppb	1250	PASS	ND
PACLOBUTRAZOL	1.4227	ppb	10	PASS	ND
PIRIMICARB	0.3458	ppb	10	PASS	ND
PHENOTHRIN	0.3060	ppb	50	PASS	ND
PRALLETHRIN	0.6623	ppb	50	PASS	ND
PROPOXUR	0.7835	ppb	10	PASS	ND
PYRACLOSTROBIN	0.2379	ppb	10	PASS	ND
PYRETHRINS	0.1810	ppb	50	PASS	ND
PYRIDABEN	0.2980	ppb	20	PASS	ND
RESMETHRIN	0.2008	ppb	50	PASS	ND
SPINETORAM	0.1177	ppb	10	PASS	ND
SPIRODICLOFEN	0.1830	ppb	250	PASS	ND
SPIROXAMINE	0.3745	ppb	100	PASS	ND
TEBUFENOZIDE	0.2154	ppb	10	PASS	ND
TEFLUBENZURON	0.4437	ppb	25	PASS	ND
TETRACHLORVINPHOS	0.1330	ppb	10	PASS	ND
TETRAMETHRIN	0.2380	ppb	100	PASS	ND
THIACLOPRID	0.3999	ppb	10	PASS	ND
THIOPHANATE-METHYL	1.2413	ppb	50	PASS	ND
TRIFLOXYSTROBIN	0.1938	ppb	10	PASS	ND
CHLORPHENAPYR	0.4120	ppb	1500	PASS	ND
ENDOSULFAN SULFATE	0.4196	ppb	2500	PASS	ND
ENDOSULFAN-ALPHA	0.5956	ppb	2500	PASS	ND
ENDOSULFAN-BETA	0.5555	ppb	2500	PASS	ND
ETRIDIAZOLE	1.2221	ppb	150	PASS	ND
FENTHION	0.3118	ppb	10	PASS	ND
IPRODIONE	0.2738	ppb	500	PASS	ND
KINOPRENE	1.7294	ppb	1250	PASS	ND
PARATHION-METHYL	0.2709	ppb	50	PASS	ND
QUINTOZENE	0.2693	ppb	20	PASS	ND
OTHER PESTICIDES	0.1000	ppb	100	PASS	ND

Analyzed by: 1642, 2, 3313 | **Weight:** 0.209g | **Extraction date:** 05/01/24 12:37:03 | **Extracted by:** 3200

Analysis Method : SOP-060 (R5)
Analytical Batch : DE007738PES
Instrument Used : Sciex 7500 Qtrap "Hades" - Pesticides
Analyzed Date : 05/03/24 09:55:32
Reviewed On : 05/05/24 10:38:16
Batch Date : 05/01/24 10:23:26

Dilution : 20
Reagent : 041724.R06; 042324.R17; 042324.R16; 041924.R07; 042624.R10; 060123.01; 042624.R04; 122323.02; 040624.R01; 042024.R03; 042024.R02; 091123.R17; 043024.R02
Consumables : 947.100; 429516; 2014919; 0000186393; 319121051; 060623CH01
Pipette : PES- 20A00461; PES- 20E74965

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

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Lab Director

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Matrix : Concentrate
Type: Tincture

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License # : 405R-00011

Sample : DE40430017-001
Harvest/Lot ID: Batch 2401
Batch# : CO HEMP/7500 - Batch 2401
Sampled : 04/30/24
Ordered : 04/30/24

Sample Size Received : 30 ml
Total Amount : 30 ml
Completed : 05/05/24 **Expires:** 05/05/25
Sample Method : SOP Client Method

Microbial — 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

Analyzed by: 3215, 1473, 2, 3313
Weight: 2.01g
Extraction date: 05/01/24 15:44:00
Extracted by: 3215

Analysis Method : SOP.T.40.057.CO; SOP.T.40.209.CO
Analytical Batch : DE007733MIC
Instrument Used : Microbial - Full Panel
Analyzed Date : 05/01/24 15:44:22
Reviewed On : 05/04/24 14:41:18
Batch Date : 04/30/24 17:37:08

Dilution : N/A
Reagent : 050124.R05; 041524.R13; 041524.R09; 042024.R06; 042224.R21; 010224.R09; 042324.R15; 042024.R14; 031624.R09; 040324.R02; 100223.05; 031423.01; 021024.05; 050423.01; 121223.01; 021224.19; 042924.01; 041524.01; 042324.12; 042324.09
Consumables : 61943-343C6-343J; 41407-344C4-208AI; DR 20230612_CatNo.1193A96; 4190-0010; 060623CH01; 01859; 00111; 20P2014300; 40960-040C4-040AL; 1; 41141-130C4-130D; 2; 0000006681; 3; 4; 5; 6; 7; MSB1001; 8
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 - P67199J; M - Q29305K; M - Q36416J; M - J46789J; M - J55715J; M - O52710K; M - N1563K; M - O34081K

Heavy Metals — PASSED

Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC	0.0048	ppm	ND	PASS	0.2
CADMIUM	0.0016	ppm	0.0534	PASS	0.2
MERCURY	0.0008	ppm	ND	PASS	0.1
LEAD	0.0039	ppm	0.3584	PASS	0.5

Analyzed by: 2992, 2, 3313
Weight: 0.1946g
Extraction date: 05/01/24 14:43:58
Extracted by: 2992,3417

Analysis Method : SOP.T.40.081.CO
Analytical Batch : DE007737HEA
Instrument Used : Shimadzu 2030 ICP-MS "RUMPEL"
Analyzed Date : 05/02/24 11:53:06
Reviewed On : 05/03/24 08:51:39
Batch Date : 05/01/24 08:47:01

Dilution : 50
Reagent : 042524.R02; 092623.01; 042624.R03; 042624.R04; 122323.02; 040324.02; 042924.R08
Consumables : 23133; 11922032; 12739 - 348CD - 348D; 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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