



4439 Polaris Ave.
Las Vegas, NV, 89103, US
(702) 728-5180

Kaycha Labs

CBD Calm 2000 mg Tincture
Matrix: Infused Product



Certificate of Analysis

Apr 17, 2023 | Canna Hemp

INFUSED MFG

Sample: LA30406003-001

Batch#: 032023-01

Production Run #: 032023-01

Laboratory License # 69204305475717257553

Sample Size Received: 1 gram

Retail Product Size: 30 gram

Ordered : 03/31/23

Sampled : 03/31/23

Completed: 04/17/23

PASSED

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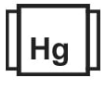
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Homogeneity Testing
NOT TESTED



Terpenes
TESTED

MISC.



Cannabinoid

PASSED



Total THC
ND



Total CBD
6.8096%



Total Cannabinoids
6.8783%

	TOTAL CANNABINOIDS	CBC	CBG	CBGA	CBD	CBDA	CBDV	CBN	D8-THC	D9-THC	THCA	THCV
%	6.8783	0.0021	0.0013	ND	6.8096	ND	0.0632	0.0021	ND	ND	ND	ND
mg/unit	2063.49	0.63	0.39	ND	2042.88	ND	18.96	0.63	ND	ND	ND	ND
LOQ	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
1525, 879, 1590

Weight:
0.8669g

Extraction date:
04/11/23 11:19:19

Extracted by:
877,1525

Analysis Method : SOP 300.18b

Analytical Batch : LA002691POT

Instrument Used : LV - Shimadzu UPLC 1

Analyzed Date : 04/12/23 09:22:31

Reviewed On : 04/11/23 13:14:47

Batch Date : 04/08/23 14:14:53

Dilution : 40

Reagent : 091322.03

Consumables : 0123; 2911002215

Pipette : PIP-027, V-Pette 20-200ul, 548550110; PIP-028, V-Pette, 100-1000ul, 548560110

Cannabinoid analysis utilizing Ultra High Performance Liquid Chromatography with UV Detection (UHPLC-UV). Method SOP 300.23 for sample preparation and SOP 300.18b for analysis. Total THC = d8-THC + d9-THC + 0.877 * THCA, Total CBD = CBD + 0.877 * CBDA

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, 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 variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on NV regulations.

Revision: #1 This revision supersedes any and all previous versions of this document.

Glen Marquez

Lab Director

State License # L003
ISO 17025 Accreditation # ISO/IEC
17025:2017: 94413

Signature
04/17/23

Revision: #1 - Added mycotoxins.



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Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOQ (%)	mg/unit	%	Result (%)	Terpenes	LOQ (%)	mg/unit	%	Result (%)									
TOTAL TERPENES	0.02	395.88	1.3196		GUAIOL	0.02	ND	ND										
D-LIMONENE	0.02	10.95	0.0365		HEXAHYDROTHYMOL	0.02	ND	ND										
BETA-MYRCENE	0.02	37.59	0.1253		ISOBORNEOL	0.02	ND	ND										
BETA-CARYOPHYLLENE	0.02	ND	ND		ISOPULEGOL	0.02	ND	ND										
ALPHA-PINENE	0.02	ND	ND		NEROL	0.02	ND	ND										
BETA-PINENE	0.02	ND	ND		PULEGONE	0.02	ND	ND										
TERPINOLENE	0.02	43.74	0.1458		SABINENE	0.02	ND	ND										
LINALOOL	0.02	90.39	0.3013		SABINENE HYDRATE	0.02	ND	ND										
ALPHA-HUMULENE	0.02	ND	ND		TRANS-NEROLIDOL	0.02	116.61	0.3887										
FARNESENE	0.02	ND	ND		Analyzed by: 1459, 1590				Weight: 0.9219g		Extraction date: 04/11/23 12:26:04		Extracted by: 1459					
VALENENE	0.02	44.19	0.1473		Analysis Method : SOP 300.13b													
OCIMENE	0.02	ND	ND		Analytical Batch : LA002692TER													
DELTA-3-CARENE	0.02	ND	ND		Instrument Used : Shimadzu GC/MS													
ALPHA-BISABOLOL	0.02	ND	ND		Analyzed Date : N/A													
ALPHA-CEDRENE	0.02	ND	ND		Dilution : 10													
ALPHA-PHELLANDRENE	0.02	52.41	0.1747		Reagent : 012222.04; 122122.20; 122122.24													
ALPHA-TERPINENE	0.02	<6	<0.02		Consumables : 0123; 2911002215													
ALPHA-TERPINEOL	0.02	ND	ND		Pipette : PIP-027, V-Pette 20-200ul, 548550110; PIP-028, V-Pette, 100-1000ul, 548560110													
BORNEOL	0.02	ND	ND		Terpene screening is performed using headspace gas chromatography with Flame Ionization Detection following SOP 300.13b													
CAMPHENE	0.02	ND	ND															
CAMPHOR	0.02	ND	ND															
CARYOPHYLLENE OXIDE	0.02	ND	ND															
CEDROL	0.02	ND	ND															
CIS-NEROLIDOL	0.02	ND	ND															
EUCALYPTOL	0.02	ND	ND															
FENCHONE	0.02	ND	ND															
FENCHYL ALCOHOL	0.02	ND	ND															
GAMMA-TERPINENE	0.02	<6	<0.02															
GAMMA-TERPINEOL	0.02	ND	ND															
GERANIOL	0.02	ND	ND															
GERANYL ACETATE	0.02	ND	ND															
Total (%)				1.319														



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Sample Method : SOP Client Method

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<div>Pesticides</div>						PASSED					
Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
ABAMECTIN	0.01	ppm	0.0001	PASS	ND	PCNB_GC *	0.02	ppm	0.8	PASS	ND
ACEQUINOCYL	0.01	ppm	4	PASS	ND	Analyzed by: 1396, 1590	Weight: NA	Extraction date: N/A	Extracted by: N/A		
BIFENAZATE	0.01	ppm	0.4	PASS	ND	Analysis Method : 300.9a					
BIFENTHRIN	0.01	ppm	0.0001	PASS	ND	Analytical Batch : LA002699PES		Reviewed On : 04/11/23 15:55:27			
CYFLUTHRIN	0.01	ppm	2	PASS	ND	Instrument Used : Waters LC/MSMS		Batch Date : 04/11/23 15:52:31			
CYPERMETHRIN	0.01	ppm	0.0001	PASS	ND	Analyzed Date : N/A					
DAMINOZIDE	0.01	ppm	0.0001	PASS	ND	Dilution : N/A					
DIMETHOMORPH	0.01	ppm	2	PASS	ND	Reagent : 042722.59; 050222.01					
ETOXAZOLE	0.01	ppm	0.4	PASS	ND	Consumables : 10392651-2; 20220103; 042c6; 257747					
FENHEXAMID	0.01	ppm	1	PASS	ND	Pipette : PIP-006, Scilogex 5-50 ul, YM4D058810; PIP-040, VWR 100-1000 ul, 842762930; PIP-041, VWR 20-200ul, 742751684; BTB-010, VWR Bottle Top Dispenser, 10 ml, 20306012					
FENOXYCARB	0.01	ppm	0.2	PASS	ND	Pesticide screening is performed using a combination of LC-MS (Liquid Chromatography with Mass Spectrometry Detection) and GC (Gas Chromatography with Mass Spectrometry Detection) for regulated pesticides following SOP 300.9a					
FLONICAMID	0.01	ppm	1	PASS	ND	Analyzed by: 876, 1590	Weight: NA	Extraction date: N/A	Extracted by: N/A		
FLUDIOXONIL	0.01	ppm	0.5	PASS	ND	Analysis Method : N/A					
IMIDACLOPRID	0.01	ppm	0.5	PASS	ND	Analytical Batch : LA002686VOL		Reviewed On : 04/11/23 18:58:28			
MYCLOBUTANIL	0.01	ppm	0.4	PASS	ND	Instrument Used : Waters GC/MSMS		Batch Date : 04/07/23 11:50:10			
PACLOBUTRAZOL	0.01	ppm	0.0001	PASS	ND	Analyzed Date : N/A					
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND	Dilution : N/A					
PYRETHRINS (PYRETHRIN I)	0.01	ppm	2	PASS	ND	Reagent : 042722.59					
SPINETORAM	0.01	ppm	1	PASS	ND	Consumables : 11230612-1					
SPINOSAD	0.01	ppm	1	PASS	ND	Pipette : PIP-004, Scilogex 5-50 ul, FP43060; PIP-010, VWR 100-1000ul, 742763351; PIP-008, VWR 20-200ul, 642752235					
SPIROTETRAMAT	0.01	ppm	1	PASS	ND						
THIAMETHOXAM	0.01	ppm	0.4	PASS	ND						
TRIFLOXYSTROBIN	0.01	ppm	1	PASS	ND						





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Sample Method : SOP Client Method

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Residual Solvents

PASSED

Solvents	LOQ	Units	Action Level	Pass/Fail	Result
PROPANE	50	ppm	499.5	PASS	ND
BUTANES	100	ppm	499.5	PASS	ND
HEPTANE	50	ppm	499.5	PASS	ND
ETHANOL	100	ppm		TESTED	ND

Analyzed by:
1459, 1590

Weight:
0.0189g

Extraction date:
04/07/23 12:50:38

Extracted by:
1459

Analysis Method : 300.13b

Analytical Batch : LA002687SOL

Instrument Used : Shimadzu Headspace GC/MS

Analyzed Date : 04/07/23 12:53:25

Reviewed On : 04/11/23 13:32:13

Batch Date : 04/07/23 12:34:06

Dilution : N/A

Reagent : 102722.03

Consumables : N/A

Pipette : GT5, Hamilton Gastight Syringe, 10 ul; 25C, Hamilton Gastight syringe, 25uL

Residual solvent screening is performed by Headspace Gas Chromatography with Flame Ionization Detection following SOP 300.13b



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Sampled : 03/31/23




Ordered : 03/31/23

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Sample Method : SOP Client Method

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 Microbial PASSED						 Mycotoxins PASSED					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
SALMONELLA			Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	4	ppb	ND	PASS	19.99
STEC			Not Present	PASS		OCHRATOXIN A	2	ppb	ND	PASS	19.99
TOTAL AEROBIC COUNT	1000	cfu/g	ND	PASS	99999	Analyzed by: 879 Weight: NA Extraction date: N/A Extracted by: N/A					
ENTEROBACTERIACEAE	100	cfu/g	ND	PASS	999	Analysis Method : 300.2 Analytical Batch : LA002733MYC Instrument Used : ELISA Analyzed Date : N/A Dilution : N/A Reagent : N/A Consumables : 042c6; 251697 Pipette : PIP-008, VWR 20-200ul, 642752235; PIP-013, VWR 100-1000ul, 17N3830 Reviewed On : 04/17/23 17:43:13 Batch Date : 04/15/23 19:47:28					
Analyzed by: 1333, 1268, 1590 Weight: 1.0373g Extraction date: 04/14/23 13:57:25 Extracted by: N/A Analysis Method : SOP 300.1 Analytical Batch : LA002693MIC Instrument Used : PCR-001 (Rosalind) Analyzed Date : N/A Dilution : N/A Reagent : N/A Consumables : 64453120; 64399970; 130722 Pipette : PIP-016, VWR 20 ul, 742730150 Reviewed On : 04/11/23 14:57:14 Batch Date : 04/10/23 16:36:27						Total Aflatoxins B1, B2, G1, G2, and Ochratoxin A screening are performed by ELISA (Enzyme Linked Immunoassay) following SOP 300.2.					
Analyzed by: 1333, 1563, 1268, 1590 Weight: 1.0373g Extraction date: 04/07/23 11:38:32 Extracted by: 1387,1333 Analysis Method : SOP 300.1 Analytical Batch : LA002683TYM Instrument Used : Micro plating with Edible, and Flower Standard Dilutions Analyzed Date : 04/07/23 15:07:15 Dilution : N/A Reagent : 040523.R07 Consumables : 33KE56; 418321343C; 418321203A; 33FX47 Pipette : PIP-021 - VWR 1-10 mL, 942790356; VWR Bottle Top Dispenser, 10 mL, 22103049 Microbial testing is performed by a combination of agar and Petrifilm plating as well as PCR (Polymerase Chain Reaction) to test for Mold/Yeast, Total Aerobic Count, Enterobacteria, Coliforms, Salmonella, Pathogenic E Coli, and Aspergillus.						 Heavy Metals PASSED					
						Metal	LOQ	Units	Result	Pass / Fail	Action Level
						ARSENIC	0.1795	ppm	ND	PASS	2
						CADMIUM	0.3376	ppm	ND	PASS	0.82
						LEAD	0.1028	ppm	ND	PASS	1.2
						MERCURY	0.1058	ppm	ND	PASS	0.4
						Analyzed by: 931, 1268, 1590 Weight: 0.1621g Extraction date: 04/11/23 19:41:13 Extracted by: 931 Analysis Method : SOP 300.8a Analytical Batch : LA002695HEA Instrument Used : ICPMS-1 Perkin Elmer Analyzed Date : N/A Dilution : 50 Reagent : 022822.03; 022822.04; 022822.01; 022822.02; 040623.R10 Consumables : N/A Pipette : PIP-015, VWR 20-200ul, 642752069; PIP-010, VWR 100-1000ul, 742763351 Reviewed On : 04/11/23 21:42:35 Batch Date : 04/10/23 21:11:00 Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometry) using method SOP 300.8a.					



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**Filth/Foreign
Material**
PASSED

Analyte	LOQ	Units	Result	P/F	Action Level
Filth and Foreign Material	1	detect/g	ND	PASS	0.001

Analyzed by: N/A	Weight: NA	Extraction date: N/A	Extracted by: N/A
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Analysis Method : 300.10

Analytical Batch : N/A

Instrument Used : N/A

Analyzed Date : N/A

Reviewed On : 04/11/23 14:56:33

Batch Date : N/A

Dilution : N/A

Reagent : N/A

Consumables : N/A

Pipette : N/A

Samples are visually screened for foreign matter (hair, insects, packaging materials, etc.). For flower, stems >3 mm in diameter may only make up <5% of the sample.

 Signature
 04/17/23