



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

Kaycha Labs

CBD Relief 2000 mg Tincture
Matrix: Infused Product



Certificate of Analysis

Apr 17, 2023 | Canna Hemp

INFUSED MFG

Sample: LA30406003-002

Batch#: 032023-02

Production Run #: 032023-02

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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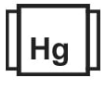
PRODUCT IMAGE



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
6.7559%



Total Cannabinoids
6.8153%

	TOTAL CANNABINOIDS	CBC	CBG	CBGA	CBD	CBDA	CBDV	CBN	D8-THC	D9-THC	THCA	THCV
%	6.8153	0.0019	ND	ND	6.7559	ND	0.0575	ND	ND	ND	ND	ND
mg/unit	2044.59	0.57	ND	ND	2026.77	ND	17.25	ND	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:
0.8295g

Extraction date:
04/11/23 11:19:46

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 13:18:52

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	484.89	1.6163		GUAIOL	0.02	ND	ND	
D-LIMONENE	0.02	53.1	0.177		HEXAHYDROTHYMOL	0.02	ND	ND	
BETA-MYRCENE	0.02	99.39	0.3313		ISOBORNEOL	0.02	ND	ND	
BETA-CARYOPHYLLENE	0.02	<6	<0.02		ISOPULEGOL	0.02	ND	ND	
ALPHA-PINENE	0.02	<6	<0.02		NEROL	0.02	ND	ND	
BETA-PINENE	0.02	9.48	0.0316		PULEGONE	0.02	ND	ND	
TERPINOLENE	0.02	ND	ND		SABINENE	0.02	<6	<0.02	
LINALOOL	0.02	80.82	0.2694		SABINENE HYDRATE	0.02	ND	ND	
ALPHA-HUMULENE	0.02	ND	ND		TRANS-NEROLIDOL	0.02	113.4	0.378	
FARNESENE	0.02	ND	ND		Analyzed by: 1459, 1590Weight: 0.9180gExtraction date: 04/11/23 12:26:03Extracted by: 1459				
VALENCENE	0.02	38.37	0.1279		Analysis Method : SOP 300.13bAnalytical Batch : LA002692TERReviewed On : 04/11/23 13:18:15				
OCIMENE	0.02	ND	ND		Instrument Used : Shimadzu GC/MSBatch Date : 04/10/23 12:52:26				
DELTA-3-CARENE	0.02	ND	ND		Analyzed Date : N/A				
ALPHA-BISABOLOL	0.02	ND	ND		Dilution : 10				
ALPHA-CEDRENE	0.02	ND	ND		Reagent : 012222.04; 122122.20; 122122.24				
ALPHA-PHELLANDRENE	0.02	ND	ND		Consumables : 0123; 2911002215				
ALPHA-TERPINENE	0.02	ND	ND		Pipette : PIP-027, V-Pette 20-200ul, 548550110; PIP-028, V-Pette, 100-1000ul, 548560110				
ALPHA-TERPINEOL	0.02	ND	ND		Terpene screening is performed using headspace gas chromatography with Flame Ionization Detection following SOP 300.13b				
BORNEOL	0.02	ND	ND						
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	90.33	0.3011						
GAMMA-TERPINEOL	0.02	ND	ND						
GERANIOL	0.02	ND	ND						
GERANYL ACETATE	0.02	ND	ND						
Total (%)				1.616					



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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 15:55:45			
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; BTD-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 18:59:00			
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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 Completed : 04/17/23 Expires: 04/17/24
 Sample Method : SOP Client Method

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	<h1>Residual Solvents</h1>					<div>PASSED</div>
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: 0.0109g	Extraction date: 04/07/23 12:50:37		Extracted by: 1459		
Analysis Method : 300.13b			Reviewed On : 04/11/23 13:32:33 Batch Date : 04/07/23 12:34:06			
Analytical Batch : LA002687SOL						
Instrument Used : Shimadzu Headspace GC/MS						
Analyzed Date : 04/07/23 12:53:25						
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						

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

Sample Size Received : 1 gram

Completed : 04/17/23 Expires: 04/17/24

Sample Method : SOP Client Method

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<div></div> <div>Microbial</div> <div>PASSED</div>						<div></div> <div>Mycotoxins</div> <div>PASSED</div>					
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:	Weight:	Extraction date:	Extracted by:		
ENTEROBACTERIACEAE	100	cfu/g	ND	PASS	999	879	NA	N/A	N/A		
Analyzed by: 1333, 1268, 1590 Weight: 1.0595g Extraction date: 04/14/23 13:57:25 Extracted by: N/A						Analysis Method : 300.2 Analytical Batch : LA002733MYC Instrument Used : ELISA Analyzed Date : N/A					
Analysis Method : SOP 300.1 Analytical Batch : LA002693MIC Instrument Used : PCR-001 (Rosalind) Analyzed Date : N/A						Reviewed On : 04/17/23 17:43:15 Batch Date : 04/15/23 19:47:28					
Dilution : N/A Reagent : N/A Consumables : 64453120; 64399970; 130722 Pipette : PIP-016, VWR 20 ul, 742730150						Dilution : N/A Reagent : N/A Consumables : 042c6; 251697 Pipette : PIP-008, VWR 20-200ul, 642752235; PIP-013, VWR 100-1000ul, 17N3830					
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: 1.0595g Extraction date: 04/07/23 11:38:30 Extracted by: 1387,1333						<div></div> <div>Heavy Metals</div> <div>PASSED</div>					
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						Metal					
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						LOQ					
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.						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: 0.1669g Extraction date: 04/11/23 19:09:58 Extracted by: 931						Analysis Method : SOP 300.8a Analytical Batch : LA002703HEA Instrument Used : ICPMS-1 Perkin Elmer Analyzed Date : 04/11/23 19:32:59					
Analysis Method : SOP 300.8a Analytical Batch : LA002703HEA Instrument Used : ICPMS-1 Perkin Elmer Analyzed Date : 04/11/23 19:32:59						Reviewed On : 04/11/23 21:43:07 Batch Date : 04/11/23 18:13:10					
Dilution : 50 Reagent : 092221.03; 041023.R05 Consumables : N/A Pipette : PIP-004, Scilogex 5-50 ul, FP43060; PIP-013, VWR 100-1000ul, 17N3830; BTD-012, Dispensette bottle top 4mL, 12M11837; PIP-025, VWR 1-10 ml, 942790363; PIP-035 SCIOGEX YM215AM0028255 20-200uL						Dilution : 50 Reagent : 092221.03; 041023.R05 Consumables : N/A Pipette : PIP-004, Scilogex 5-50 ul, FP43060; PIP-013, VWR 100-1000ul, 17N3830; BTD-012, Dispensette bottle top 4mL, 12M11837; PIP-025, VWR 1-10 ml, 942790363; PIP-035 SCIOGEX YM215AM0028255 20-200uL					
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 16:42:18

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.