

Certificate of Analysis

Apr 17, 2023 | Canna Hemp

Kaycha Labs

Sleep 2000 mg Tincture Matrix: Infused Product



Sample:LA30412007-001

Batch#: 032023-09

Production Run #: 032023-09

Laboratory License # 69204305475717257553

Sample Size Received: 30 gram

Retail Product Size: 30 gram

Ordered: 04/12/23 Sampled: 04/12/23

Completed: 04/17/23

PASSED

Pages 1 of 7

PRODUCT IMAGE SAFETY RESULTS





0.0016%

CBG

ND

ND

0.001





Residuals Solvents PASSED



INFUSED & MFG

PASSED



Water Activity



Moisture

D9-THC

0.48

0.001

0.0016



Testing NOT TESTED



PASSED

THCV

ND

ND

0.001



Cannabinoid

Total THC

СВС

0.0017



CBGA

ND

ND

0.001

CBD

7.1296

2138.88

0.001

7.1296%

CBDA

ND

ND

0.001



D8-THC

ND

ND

0.001

Total Cannabinoids 7.194%

THCA

ND

ND

Extracted by: 879

0.001



	TOTAL CAN
	NABINOIDS
%	7.194
	01500

mg/unit	2158.2	0.51		
LOQ	0.001	0.001		
	%	%		
nalyzed by:				

Analysis Method : SOP 300.18b Analytical Batch : LA002730POT Instrument Used : Shimadzu 3 HPLC PDA

Analyzed Date: N/A

Consumables: 0123: 2911002215: 042c6: 251697

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

CBDV

0.059

17.7

%

0.001

Reviewed On: 04/17/23 15:18:20 Batch Date: 04/15/23 13:26:06

CBN

0.0021

0.63

0.001

binoid 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

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Glen Marquez

Lab Director

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Page 2 of 7



Terpenes

T	E	S	T	E	D

Terpenes	LOQ (%)	mg/unit	: %	Result (%)	Terpenes		LOQ (%)	mg/ur	nit %	Result (%)	
OTAL TERPENES	0.02	413.7	1.379		GUAIOL		0.02	ND	ND		
D-LIMONENE	0.02	46.08	0.1536		HEXAHYDROTHY	MOL	0.02	ND	ND		
BETA-MYRCENE	0.02	108.9	0.363		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	58.32	0.1944		SABINENE		0.02	ND	ND		
LINALOOL	0.02	116.97	0.3899		SABINENE HYDR	ATE	0.02	ND	ND		
ALPHA-HUMULENE	0.02	ND	ND		TRANS-NEROLID	OL	0.02	ND	ND		
FARNESENE	0.02	ND	ND		Analyzed by:	Weight:		Extraction dat	te:		Extracted by:
VALENCENE	0.02	ND	ND		1459, 1572	1.0282g		04/14/23 08:5			1459
CIMENE	0.02	ND	ND		Analysis Method : 9						
DELTA-3-CARENE	0.02	74.22	0.2474		Analytical Batch : L					1:04/14/23 09:44:47	
LPHA-BISABOLOL	0.02	ND	ND		Analyzed Date : 04				Batch Date :	04/13/23 21:54:39	
LPHA-CEDRENE	0.02	ND	ND		Dilution: 10						
LPHA-PHELLANDRENE	0.02	ND	ND		Reagent: 012222.0	02; 122122.19; 112922.06					
LPHA-TERPINENE	0.02	ND	ND			3; 2911002215; 042c6; 2516					
LPHA-TERPINEOL	0.02	ND	ND			/-Pette 20-200ul, 548550110;					
ORNEOL	0.02	ND	ND		Terpene screening is	performed using headspace gas	chromatography	with Flame Ioni	ization Detect	tion following SOP 300.13b	
AMPHENE	0.02	ND	ND								
AMPHOR	0.02	ND	ND								
ARYOPHYLLENE OXIDE	0.02	ND	ND								
CEDROL	0.02	ND	ND								
IS-NEROLIDOL	0.02	ND	ND								
UCALYPTOL	0.02	ND	ND								
ENCHONE	0.02	ND	ND								
ENCHYL ALCOHOL	0.02	ND	ND								
AMMA-TERPINENE	0.02	9.21	0.0307								
AMMA-TERPINEOL	0.02	ND	ND								
	0.02	ND	ND								
GERANIOL	0.02										

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PASSED

Page 3 of 7

Action

Pesticides

P	Δ	S	S	Ε	I
		_	_	_	Ē

Pass/Fail Result

_						
Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide
ABAMECTIN	0.01	ppm	0.0001	PASS	ND	PCNB GC *
ACEQUINOCYL	0.01	ppm	4	PASS	ND	Analyzed by:
BIFENAZATE	0.01	ppm	0.4	PASS	ND	1396, 1572
BIFENTHRIN	0.01	ppm	0.0001	PASS	ND	Analysis Method
CYFLUTHRIN	0.01	ppm	2	PASS	ND	Analytical Batch
CYPERMETHRIN	0.01	ppm	0.0001	PASS	ND	Instrument Used
DAMINOZIDE	0.01	ppm	0.0001	PASS	ND	Analyzed Date :
DIMETHOMORPH	0.01	ppm	2	PASS	ND	Dilution : N/A
ETOXAZOLE	0.01	ppm	0.4	PASS	ND	Reagent: 01132: Consumables: 0
FENHEXAMID	0.01	ppm	1	PASS	ND	Pipette : PIP-008.
FENOXYCARB	0.01	ppm	0.2	PASS	ND	Pesticide screening
FLONICAMID	0.01	ppm	1	PASS	ND	Detection) and GC
FLUDIOXONIL	0.01	ppm	0.5	PASS	ND	SOP 300.9a
IMIDACLOPRID	0.01	ppm	0.5	PASS	ND	Analyzed by:
MYCLOBUTANIL	0.01	ppm	0.4	PASS	ND	879, 1572
PACLOBUTRAZOL	0.01	ppm	0.0001	PASS	ND	Analysis Method
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND	Analytical Batch Instrument Used
PYRETHRINS (PYRETHRIN I)	0.01	ppm	2	PASS	ND	Analyzed Date :
SPINETORAM	0.01	ppm	1	PASS	ND	Dilution : N/A
SPINOSAD	0.01	ppm	1	PASS	ND	Reagent: N/A
SPIROTETRAMAT	0.01	ppm	1	PASS	ND	Consumables : N
THIAMETHOXAM	0.01	ppm	0.4	PASS	ND	Pipette: N/A
TRIFLOXYSTROBIN	0.01	ppm	1	PASS	ND	Testing for agricult Spectrometry and

PCNB_GC *		0.02	ppm	Level 0.8	PASS	ND
Analyzed by: 1396, 1572	Weight: NA	Extra N/A	action da	te:	Extracte N/A	d by:
Analysis Method :300. Analytical Batch :LA00 Instrument Used :Wat Analyzed Date :N/A)2736PES			ed On:04/17 Date:04/16/2	7/23 10:24:25 23 18:27:20	

LOQ Units

23.R01 0123; 2911002215; 10392651-2; 042c6; 257747

NWR 20-200ul, 642752235; PIP-023 - WWR 100-1000 ul, 942762379
g is performed using a combination of LC-MS (Liquid Chromatography with Mass Spectrometry)
(Gas Chromatography with Mass Spectrometry Detection) for regulated pesticides following

	yzed by: 1572	Weight: NA	Extraction date: N/A	Extracted by: N/A
Anal	ysis Method: N/A ytical Batch: LAO ument Used: Wa yzed Date: N/A	02738VOL	Reviewed On : 0 Batch Date : 04/	4/17/23 17:13:28 17/23 08:53:23
Read	tion: N/A gent: N/A sumables: N/A tte: N/A			
Testi	ng for agricultural	agents is performed ut	ilizing Liquid Chromatography	Triple-Ouadrupole Mass

Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39

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Batch#: 032023-09 Sampled: 04/12/23 Ordered: 04/12/23 Completed: 04/17/23 Expires: 04/17/24 Sample Method : SOP Client Method

Reviewed On: 04/14/23 08:51:26

Batch Date: 04/13/23 08:56:25

Kaycha Labs

Sleep 2000 mg Tincture

Matrix : Infused Product



PASSED

Page 4 of 7

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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

Extraction date: Weight: Extracted by: Analyzed by: 1459, 1572 0.01480 04/13/23 12:22:12

Analysis Method: 300.13b Analytical Batch : LA002717SOL

Instrument Used: Shimadzu Headspace GC/MS

Analyzed Date: 04/13/23 12:23:32

Reagent: 062420.02; 102722.03; 102722.R13

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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Completed: 04/17/23 Expires: 04/17/24 Sample Method : SOP Client Method

PASSED

Page 5 of 7

Units

Reviewed On: 04/17/23 17:44:52 Batch Date: 04/15/23 19:47:28

> Reviewed On: 04/17/23 17:12:05 Batch Date: 04/13/23 15:52:37



Microbial

1.03610

PASSED



Analyte

S

PASSED

Analyte	LOQ	Units	Result	Pass / Fail	Action Level
SALMONELLA			Not Present	PASS	
STEC			Not Present	PASS	
TOTAL AEROBIC COUNT	1000	cfu/g	ND	PASS	99999
ENTEROBACTERIACEAE	100	cfu/g	ND	PASS	999

1333, 879, 1572 Analysis Method: SOP 300.1 Analytical Batch : LA002709MIC Instrument Used : PCR-002 (Mullis)

 $\textbf{Analyzed Date}: \, \mathbb{N}/\mathbb{A}$ Dilution: N/A Reagent: 033123.R01

Consumables : 64489534; 64479496 Pipette: PIP-017, VWR 2-20ul, 742730045

Reviewed On: 04/17/23 17:12:08 Batch Date: 04/12/23 11:11:34

Extraction date

04/14/23 14:26:48

04/13/23 10:10:53 1268

Reviewed On: 04/17/23 17:12:21

Batch Date: 04/12/23 15:16:19

Analysis Method: SOP 300.1 Analytical Batch: LA002712TYM

Instrument Used : Micro plating with Edible, and Flower

1.0361g

Analyzed Date: N/A Dilution: N/A

Analyzed by: 1396, 1333, 879, 1572

Reagent: 040523.R07; 040523.R08; 030122.09

Consumables: 523279; 33MH3; 41832229444; 4418322349E
Pipette: PIP-021 - VWR 1-10 ml, 942790356; PIP-047, FISHERBRAND ELITE, RU28597,

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.

Ċ.	Mycotoxins
0	



Result Pass / Action

TOTAL AFLATOXINS (B1, B2, G1, G2)			ppb	ND	Fail	Level 19.99	
		4					
OCHRATOXIN A		2	ppb	ND	PASS	19.99	
Analyzed by:	Weight: NA	Extraction date:		Extracted by:			
879, 935		N/A		N/A			

LOO

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

Total Aflatoxins B1, B2, G1, G2, and Ochratoxin A screening are performed by ELISA (Enzyme Linked Immunoassay) following SOP 300.2.



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:	Weight:	Extraction dat	$/ \setminus I$	Extracted	l by:		
931, 879, 1572	0.2085a	04/14/23 19:5	5:38		931		

Analysis Method: SOP 300.8a Analytical Batch: LA002719HEA
Instrument Used: ICPMS-1 Perkin Elmer

Analyzed Date: 04/13/23 16:03:50

Dilution: 50

Reagent: 041323.R06; 081222.04; 040623.R10; 121922.01; 010523.09; 010120.01

Consumables: N/A
Pipette: PIP-004, Scilogex 5-50 ul, FP43060; PIP-013, VWR 100-1000ul, 17N3830; PIP-025,

VWR 1-10 ml, 942790363; PIP-035 SCILOGEX 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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Kaycha Labs

Sleep 2000 mg Tincture



PASSED

Page 6 of 7



Filth/Foreign **Material**

PASSED

LOO Result P/F Action Level Analyte Units Filth and Foreign Material detect/g ND PASS 0.001 Analyzed by: N/A Weight: Extraction date: Extracted by:

Analysis Method: 300.10 Analytical Batch : N/A Instrument Used : N/A

 $\begin{tabular}{ll} \textbf{Reviewed On:} \ 04/17/23 \ 18:28:15 \\ \textbf{Batch Date:} \ N/A \end{tabular}$

Dilution : N/A Reagent : N/A Consumables : N/A Pipette: N/A

Analyzed Date : 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.

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Canna Hemp

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Sleep 2000 mg Tincture

N/A Matrix : Infused Product



PASSED

Page 7 of 7

COMMENTS

* Terpene LA30412007-001TER

1 - The farnesene value reported is semi-quantitative due to unknown isomer purity from the Certified Reference Material manufacturer.

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