Amended

kaycha LABS

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

Kaycha Labs

CBN Natural 1000 mg Tincture
Matrix: Infused Product

Certificate of Analysis

Sample:LA30406003-003
Batch#: 032023-04
Production Run #: 032023-04
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

Apr 17, 2023 | Canna Hemp

INFUSED MFG

PASSED

PRODUCT IMAGE

SAFETY RESULTS

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

MISC.

Terpenes
TESTED

Cannabinoid

PASSED

Total THC
ND

Total CBD
0.001%

Total Cannabinoids
3.2501%

	TOTAL CANNABINOIDS	CBC	CBG	CBGA	CBD	CBDA	CBDV	CBN	D8-THC	D9-THC	THCA	THCV
%	3.2501	ND	ND	ND	0.001	ND	ND	3.2491	ND	ND	ND	ND
mg/unit	975.03	ND	ND	ND	0.3	ND	ND	974.73	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: 0.8278g
Extraction date: 04/11/23 11:20:13
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 13:19:28
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

Glen Marquez
Lab Director

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

Signature
04/17/23

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Sample : LA30406003-003
Batch# : 032023-04
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

Terpenes

TESTED

Terpenes	LOQ (%)	mg/unit	%	Result (%)
TOTAL TERPENES	0.02	ND	ND	
D-LIMONENE	0.02	ND	ND	
BETA-MYRCENE	0.02	ND	ND	
BETA-CARYOPHYLLENE	0.02	ND	ND	
ALPHA-PINENE	0.02	ND	ND	
BETA-PINENE	0.02	ND	ND	
TERPINOLENE	0.02	ND	ND	
LINALOOL	0.02	ND	ND	
ALPHA-HUMULENE	0.02	ND	ND	
FARNESENE	0.02	ND	ND	
VALENCENE	0.02	ND	ND	
OCIMENE	0.02	ND	ND	
DELTA-3-CARENE	0.02	ND	ND	
ALPHA-BISABOLOL	0.02	ND	ND	
ALPHA-CEDRENE	0.02	ND	ND	
ALPHA-PHELLANDRENE	0.02	ND	ND	
ALPHA-TERPINENE	0.02	ND	ND	
ALPHA-TERPINEOL	0.02	ND	ND	
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	ND	ND	
GAMMA-TERPINEOL	0.02	ND	ND	
GERANIOL	0.02	ND	ND	
GERANYL ACETATE	0.02	ND	ND	

Terpenes	LOQ (%)	mg/unit	%	Result (%)
GUAIOL	0.02	ND	ND	
HEXAHYDROTHYMOL	0.02	ND	ND	
ISOBORNEOL	0.02	ND	ND	
ISOPULEGOL	0.02	ND	ND	
NEROL	0.02	ND	ND	
PULEGONE	0.02	ND	ND	
SABINENE	0.02	ND	ND	
SABINENE HYDRATE	0.02	ND	ND	
TRANS-NEROLIDOL	0.02	ND	ND	

Total (%) ND

Analyzed by: 1459, 1590
Weight: 0.9699g
Extraction date: 04/11/23 12:26:04
Extracted by: 1459

Analysis Method : SOP 300.13b
Analytical Batch : LA002692TER
Instrument Used : Shimadzu GC/MS
Analyzed Date : N/A
Reviewed On : 04/11/23 13:18:16
Batch Date : 04/10/23 12:52:26

Dilution : 10
Reagent : 012222.04; 122122.20; 122122.24
Consumables : 0123; 2911002215
Pipette : PIP-027, V-Pette 20-200ul, 548550110; PIP-028, V-Pette, 100-1000ul, 548560110

Terpene screening is performed using headspace gas chromatography with Flame Ionization Detection following SOP 300.13b

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Canna Hemp

Sample : LA30406003-003
Batch# : 032023-04
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

Pesticides

PASSED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
ABAMECTIN	0.01	ppm	0.0001	PASS	ND
ACEQUINOCYL	0.01	ppm	4	PASS	ND
BIFENAZATE	0.01	ppm	0.4	PASS	ND
BIFENTHRIN	0.01	ppm	0.0001	PASS	ND
CYFLUTHRIN	0.01	ppm	2	PASS	ND
CYPERMETHRIN	0.01	ppm	0.0001	PASS	ND
DAMINOZIDE	0.01	ppm	0.0001	PASS	ND
DIMETHOMORPH	0.01	ppm	2	PASS	ND
ETOXAZOLE	0.01	ppm	0.4	PASS	ND
FENHEXAMID	0.01	ppm	1	PASS	ND
FENOXYCARB	0.01	ppm	0.2	PASS	ND
FLONICAMID	0.01	ppm	1	PASS	ND
FLUDIOXONIL	0.01	ppm	0.5	PASS	ND
IMIDACLOPRID	0.01	ppm	0.5	PASS	ND
MYCLOBUTANIL	0.01	ppm	0.4	PASS	ND
PACLOBUTRAZOL	0.01	ppm	0.0001	PASS	ND
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
PYRETHRINS (PYRETHRIN I)	0.01	ppm	2	PASS	ND
SPINETORAM	0.01	ppm	1	PASS	ND
SPINOSAD	0.01	ppm	1	PASS	ND
SPIROTETRAMAT	0.01	ppm	1	PASS	ND
THIAMETHOXAM	0.01	ppm	0.4	PASS	ND
TRIFLOXYSTROBIN	0.01	ppm	1	PASS	ND

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
PCNB_GC *	0.02	ppm	0.8	PASS	ND

Analyzed by:	Weight:	Extraction date:	Extracted by:
1396, 1590	NA	N/A	N/A

Analysis Method : 300.9a
Analytical Batch : LA002699PES
Instrument Used : Waters LC/MSMS
Analyzed Date : N/A
Reviewed On : 04/11/23 15:55:47
Batch Date : 04/11/23 15:52:31
Dilution : N/A
Reagent : 042722.59; 050222.01
Consumables : 10392651-2; 20220103; 042c6; 257747
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

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

Analyzed by:	Weight:	Extraction date:	Extracted by:
876, 1590	NA	N/A	N/A

Analysis Method : N/A
Analytical Batch : LA002686VOL
Instrument Used : Waters GC/MSMS
Analyzed Date : N/A
Reviewed On : 04/11/23 18:59:59
Batch Date : 04/07/23 11:50:10
Dilution : N/A
Reagent : 042722.59
Consumables : 11230612-1
Pipette : PIP-004, Scilogex 5-50 ul, FP43060; PIP-010. VWR 100-1000ul, 742763351; PIP-008, VWR 20-200ul, 642752235

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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Sample : LA30406003-003
Batch# : 032023-04
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

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: 0.0187g
Extraction date: 04/07/23 12:50:39
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 13:32:52
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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Sample : LA30406003-003
Batch# : 032023-04
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

Microbial — 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

Analyzed by: 1333, 1268, 1590 **Weight:** 1.0297g **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
Reviewed On : 04/11/23 15:26:35
Batch Date : 04/10/23 16:36:27

Dilution : N/A
Reagent : N/A
Consumables : 64453120; 64399970; 130722
Pipette : PIP-016, VWR 20 ul, 742730150

Analyzed by: 1333, 1563, 879, 1590 **Weight:** 1.0297g **Extraction date:** 04/07/23 11:38:31 **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
Reviewed On : 04/11/23 16:43:21
Batch Date : 04/07/23 11:29:22

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.

Mycotoxins — PASSED

Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AFLATOXINS (B1, B2, G1, G2)	4	ppb	ND	PASS	19.99
OCHRATOXIN A	2	ppb	ND	PASS	19.99

Analyzed by: 879 **Weight:** NA **Extraction date:** N/A **Extracted by:** N/A

Analysis Method : 300.2
Analytical Batch : LA002733MYC
Instrument Used : ELISA
Analyzed Date : N/A
Reviewed On : 04/17/23 17:43:26
Batch Date : 04/15/23 19:47:28

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: 931, 1268, 1590 **Weight:** 0.1941g **Extraction date:** 04/11/23 19:10:03 **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
Reviewed On : 04/11/23 21:43:39
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 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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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

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:	Weight:	Extraction date:	Extracted by:
N/A	NA	N/A	N/A

Analysis Method : 300.10
Analytical Batch : N/A
Instrument Used : N/A
Analyzed Date : N/A
Reviewed On : 04/11/23 16:42:27
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.

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