10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US

Kaycha Labs
SC 750mg Oil
N/A
Matrix: Derivative

Certificate of Analysis

Sample:KN10211004-002
Harvest/Lot ID: ISC75020
Seed to Sale #N/A
Batch Date :N/A
Batch#: ISC75020
Sample Size Received: 30 ml
Retail Product Size: 30
Ordered : 02/09/21
sampled : 02/09/21
Completed: 02/17/21 Expires: 02/17/22
Sampling Method: SOP Client Method

Feb 17, 2021 | PharmaCanna

2615 state Road 7
Wellington, FL, 33414, US

PASSED

PRODUCT IMAGE

SAFETY RESULTS

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

MISC.

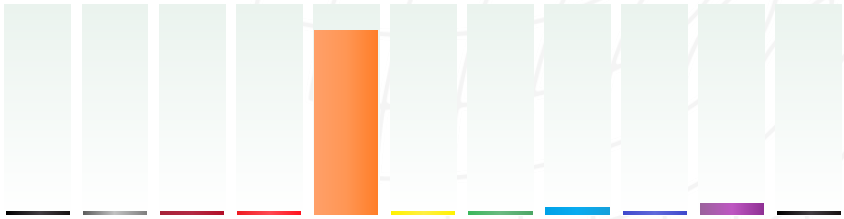
Terpenes
NOT TESTED

CANNABINOID RESULTS

Total THC
0.110%
TOTAL THC/Container :31.706 mg

Total CBD
2.948%
TOTAL CBD/Container :849.231 mg

Total Cannabinoids
3.330%
Total Cannabinoids/Container :959.080 mg



	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
	0.017%	ND	ND	0.049%	2.948%	ND	0.010%	0.110%	ND	0.193%	ND
	0.170 mg/g	ND	ND	0.490 mg/g	29.480 mg/g	ND	0.100 mg/g	1.100 mg/g	ND	1.930 mg/g	ND
LOD	0.01 %	0.01 %	0.01 %	0.01 %	0.01 %	0.01 %	0.01 %	0.01 %	0.01 %	0.01 %	0.01 %

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
113	0.21g	NA	NA

Analysis Method -Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCa: 9.5%, TOTAL THC 11. 1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.
Reviewed On - 02/16/21 13:22:50
Batch Date : 02/15/21 10:08:52
Analytical Batch -KN000420POT
Instrument Used : HPLC E-SHI-008

Reagent	Dilution	Consums. ID
120320.R02	40	00298878
021521.R02		190909059
021521.R03		947.217

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis.). *Based on FL action limits.

Filth — PASSED

Analyzed By	Weight	Extraction date	Extracted By
142	0.6734g	NA	NA

Analyte	LOD	Result
Filth and Foreign Material	0.3	ND

Analysis Method -SOP.T.40.013
Batch Date : 02/11/21 16:16:29
Analytical Batch -KN000404FIL
Reviewed On - 02/12/21 15:36:59
Instrument Used : E-AMS-138 Microscope

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is use for inspection.

Sue Ferguson
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

02/17/2021
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US

Kaycha Labs
SC 750mg Oil
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

PharmaCanna

2615 state Road 7
Wellington, FL, 33414, US
Telephone: 9543050078
Email: johnny@pharmacanna.us

Sample : KN10211004-002
Harvest/LOT ID: ISC75020
Batch# : ISC75020
Sampled : 02/09/21
Ordered : 02/09/21
Sample Size Received : 30 ml
Completed : 02/17/21 **Expires:** 02/17/22
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.05	ppm	0.3	ND
ACEPHATE	0.05	ppm	3	ND
ACEQUINOCYL	0.05	ppm	2	ND
ACETAMIPRID	0.05	ppm	3	ND
ALDICARB	0.05	ppm	0.1	ND
AZOXYSTROBIN	0.05	ppm	3	ND
BIFENAZATE	0.05	ppm	3	ND
BIFENTHRIN	0.05	ppm	0.5	ND
BOSCALID	0.05	ppm	3	ND
CARBARYL	0.05	ppm	0.5	ND
CARBOFURAN	0.05	ppm	0.1	ND
CHLORANTRANILIPROLE	0.05	ppm	3	ND
CHLORMEQUAT CHLORIDE	0.05	ppm	3	ND
CHLORPYRIFOS	0.05	ppm	0.1	ND
CLOFENTEZINE	0.10	ppm	0.5	ND
COUMAPHOS	0.05	ppm	0.1	ND
CYPERMETHRIN	0.05	ppm	1	ND
DAMINOZIDE	0.05	ppm	0.1	ND
DIAZANON	0.05	ppm	0.2	ND
DICHLORVOS	0.05	ppm	0.1	ND
DIMETHOATE	0.05	ppm	0.1	ND
DIMETHOMORPH	0.10	ppm	3	ND
ETHOPROPHOS	0.05	ppm	0.1	ND
ETOFENPROX	0.05	ppm	0.1	ND
ETOXAZOLE	0.05	ppm	1.5	ND
FENHEXAMID	0.05	ppm	3	ND
FENOXYCARB	0.05	ppm	0.1	ND
FENPYROXIMATE	0.05	ppm	2	ND
FIPRONIL	0.05	ppm	0.1	ND
FLONICAMID	0.05	ppm	2	ND
FLUDIOXONIL	0.05	ppm	3	ND
HEXYTHIAZOX	0.05	ppm	2	ND
IMAZALIL	0.05	ppm	0.1	ND
IMIDACLOPRID	0.05	ppm	3	ND
KRESOXIM-METHYL	0.05	ppm	1	ND
MALATHION	0.05	ppm	2	ND
METALAXYL	0.05	ppm	3	ND
METHIOCARB	0.05	ppm	0.1	ND
METHOMYL	0.05	ppm	0.1	ND
MEVINPHOS	0.05	ppm	0.1	ND
MYCLOBUTANIL	0.05	ppm	3	ND
NALED	0.05	ppm	0.5	ND
OXAMYL	0.05	ppm	0.5	ND
PACLOBUTRAZOL	0.05	ppm	0.1	ND
PERMETHRINS	0.05	ppm	1	ND
PHOSMET	0.05	ppm	0.2	ND

Pesticides	LOD	Units	Action Level	Result
PIPERONYL BUTOXIDE	0.05	ppm	3	0.098
PRALLETHRIN	0.05	ppm	0.4	ND
PROPICONAZOLE	0.05	ppm	1	ND
PROPOXUR	0.05	ppm	0.1	ND
PYRETHRINS	0.05	ppm	1	ND
PYRIDABEN	0.10	ppm	3	ND
SPINETORAM	0.05	ppm	3	ND
SPIROMESIFEN	0.05	ppm	3	ND
SPIROTETRAMAT	0.05	ppm	3	ND
SPIROXAMINE	0.05	ppm	0.1	ND
TEBUCONAZOLE	0.05	ppm	1	ND
THIACLOPRID	0.05	ppm	0.1	ND
THIAMETHOXAM	0.05	ppm	1	ND
TOTAL SPINOSAD	0.02	ppm	3	ND
TRIFLOXYSTROBIN	0.05	ppm	3	ND

Pesticides — PASSED

Analyzed by
143

Weight
1.0206g

Extraction date
02/11/21 12:02:57

Extracted By
143

Analysis Method - SOP.T.30.060, SOP.T.40.060 ,
Analytical Batch - KN000398PES

Reviewed On- 02/12/21 15:36:59

Instrument Used : E-SHI-125 Pesticides
Running On : 02/11/21 13:06:11

Batch Date : 02/11/21 10:24:06

Reagent	Dilution	Consums. ID
012721.R03 020121.R03 020921.R02 021021.R20	10	P7364369 00299697

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS). Analytes ISO pending. *Based on FL action limits. *

Sue Ferguson
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

02/17/2021
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US

Kaycha Labs

SC 750mg Oil
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

PharmaCanna

2615 state Road 7
Wellington, FL, 33414, US
Telephone: 9543050078
Email: johnny@pharmacanna.us

Sample : KN10211004-002
Harvest/LOT ID: ISC75020
Batch# : ISC75020
Sampled : 02/09/21
Ordered : 02/09/21
Sample Size Received : 30 ml
Completed : 02/17/21 **Expires:** 02/17/22
Sample Method : SOP Client Method

Residual Solvents — PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
PROPANE	500	ppm	5000	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
1.1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
ACETONE	75	ppm	750	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
XYLENES-M&P (1,3&1,4-DIMETHYLBENZENE)	10	ppm	150	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	5	ppm	150	PASS	ND

Residual Solvents — PASSED

Analyzed by	Weight	Extraction date	Extracted By
138	0.02849g	NA	NA

Analysis Method - SOP.T.40.032
Analytical Batch - KN000401SOL **Reviewed On -** 02/12/21 15:30:08
Instrument Used : E-SHI-106 Residual Solvents
Running On : 02/11/21 16:34:39
Batch Date : 02/11/21 11:28:57

Reagent	Dilution	Consums. ID
		1065518282V1393

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). Analytes ISO pending. *Based on FL action limits.

Sue Ferguson
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

02/17/2021
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US

Kaycha Labs

SC 750mg Oil
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

PharmaCanna

2615 state Road 7
Wellington, FL, 33414, US
Telephone: 9543050078
Email: johnny@pharmacanna.us

Sample : KN10211004-002
Harvest/LOT ID: ISC75020
Batch# : ISC75020
Sampled : 02/09/21
Ordered : 02/09/21
Sample Size Received : 30 ml
Completed : 02/17/21 **Expires:** 02/17/22
Sample Method : SOP Client Method

Microbials — PASSED

Analyte	LOD	Result
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.
ASPERGILLUS_FLAVUS		not present in 1 gram.
ASPERGILLUS_FUMIGATUS		not present in 1 gram.
ASPERGILLUS_NIGER		not present in 1 gram.
ASPERGILLUS_TERREUS		not present in 1 gram.

Analysis Method -SOP.T.40.043
Analytical Batch -KN000402MIC **Batch Date :** 02/11/21
Instrument Used : Micro E-HEW-069
Running On : 02/11/21

Analyzed by	Weight	Extraction date	Extracted By
142	0.9649g	NA	NA

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Mycotoxins — PASSED

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.005	ppm	ND	0.02
AFLATOXIN G1	0.005	ppm	ND	0.02
AFLATOXIN B2	0.005	ppm	ND	0.02
AFLATOXIN B1	0.005	ppm	ND	0.02
OCHRATOXIN A+	0.005	ppm	ND	0.02
TOTAL MYCOTOXINS		ppm	0.000	

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -KN000399MYC | **Reviewed On -** 02/12/21 11:42:15
Instrument Used : E-SHI-125 Mycotoxins
Running On : 02/11/21 13:39:22
Batch Date : 02/11/21 10:37:38

Analyzed by	Weight	Extraction date	Extracted By
143	1.0206g	02/11/21 01:02:00	143

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflotoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg. Analytes ISO pending. *Based on FL action limits.

Heavy Metals — PASSED

Reagent	Consums. ID
020421.R05	7226/0030021
011521.R01	190428060
123020.R01	

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC-AS	0.04	ppm	ND	1.5
CADMIUM-CD	0.04	ppm	ND	0.5
MERCURY-HG	0.04	ppm	ND	3
LEAD-PB	0.04	ppm	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
12	0.2771g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -KN000403HEA | **Reviewed On -** 02/15/21 19:36:46
Instrument Used : Metals ICP/MS
Running On :
Batch Date : 02/11/21 15:21:04

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS. Analytes ISO Pending. *Based on FL action limits.

Sue Ferguson
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

02/17/2021
Signed On