2444 NE 1st Blvd Suite 700
Gainesville, FL, 32609, US

Kaycha Labs
pure extract 500
N/A
Matrix: Derivative

Certificate of Analysis

Sample:GA10111001-003
Harvest/Lot ID: RO18
Seed to Sale #N/A
Batch Date :01/05/21
Batch#: 010521
Sample Size Received: 1 ml
Retail Product Size: 1
Ordered : 01/05/21
Sampled : 01/05/21
Completed: 01/21/21 Expires: 01/21/22
Sampling Method: SOP Client Method

Jan 21, 2021 | Pure Science Lab

6574 N. State Road 7
Coconut Creek, FL, 33073, US

PURE SCIENCE LAB

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
0.000%

Total CBD
46.508%

Total Cannabinoids
47.336%

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
	0.295%	ND	ND	0.531%	46.508 %	ND	ND	ND	ND	ND	ND
	2.950 mg/g	ND	ND	5.310 mg/g	465.080 mg/g	ND	ND	ND	ND	ND	ND
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.0001 %	0.001 %	0.001 %	0.0001 %	0.001 %	0.001 %	0.001 %

Cannabinoid Profile Test

Analyzed by 2338 | **Weight** 0.1042g | **Extraction date :** 01/11/21 05:01:07 | **Extracted By :** 2206
Analysis Method -SOP.T.40.020, SOP.T.30.050 **Reviewed On -** 01/14/21 10:51:31 **Batch Date :** 01/11/21 17:24:50
Analytical Batch -GA021003POT **Instrument Used :** GA-HPLC-001 2030C Plus (Carl)

Reagent	Dilution	Consums. ID
010521.06	40	282066106
010521.R04		VAV-09-1020 Lot# 947.077
010521.R03		6970145500298
		190624060
		16466-042

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. LOQ for all cannabinoids is 1 mg/L).

Filth — PASSED

Analyzed By	Weight	Extraction date	Extracted By
1541	9.3g	01/15/21	1791

Analyte	LOD	Result
Filth and Foreign Material	0.1	ND

Analysis Method -SOP.T.40.013 **Batch Date :** 01/14/21 09:44:14
Analytical Batch -GA021154FIL **Reviewed On -** 01/15/21 08:09:32
Instrument Used : GA-Filth/Foreign Material Microscope

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is use for inspection.

Jeremy Campbell
Lab Director

State License # CMTL-0001
ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature

01/21/2021
Signed On

2444 NE 1st Blvd Suite 700
Gainesville, FL, 32609, US

Kaycha Labs

pure extract 500
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Pure Science Lab

6574 N. State Road 7
Coconut Creek, FL, 33073, US
Telephone: 9544150942
Email: Stevep250@gmail.com

Sample : GA10111001-003
Harvest/LOT ID: RO18
Batch# : 010521
Sampled : 01/05/21
Ordered : 01/05/21
Sample Size Received : 1 ml
Completed : 01/21/21 **Expires:** 01/21/22
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND
ACEPHATE	0.01	ppm	3	ND
ACEQUINOCYL	0.01	ppm	2	ND
ACETAMIPRID	0.01	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND
BOSCALID	0.01	PPM	3	ND
CARBARYL	0.05	ppm	0.5	ND
CARBOFURAN	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND
COUMAPHOS	0.01	ppm	0.1	ND
DAMINOZIDE	0.01	ppm	0.1	ND
DICHLORVOS	0.01	ppm	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND
ETOFENPROX	0.01	ppm	0.1	ND
ETOXAZOLE	0.01	ppm	1.5	ND
FENHEXAMID	0.01	ppm	3	ND
FENOXYCARB	0.01	ppm	0.1	ND
FENPYROXIMATE	0.01	ppm	2	ND
FIPRONIL	0.01	ppm	0.1	ND
FLONICAMID	0.01	ppm	2	ND
FLUDIOXONIL	0.01	ppm	3	ND
HEXYTHIAZOX	0.01	ppm	2	ND
IMAZALIL	0.01	ppm	0.1	ND
IMIDACLOPRID	0.04	ppm	3	ND
KRESOXIM-METHYL	0.01	ppm	1	ND
MALATHION	0.02	ppm	2	ND
METALAXYL	0.01	ppm	3	ND
METHIOCARB	0.01	ppm	0.1	ND
METHOMYL	0.01	ppm	0.1	ND
MEVINPHOS	0.01	ppm	0.1	ND
MYCLOBUTANIL	0.01	ppm	3	ND
NALED	0.025	ppm	0.5	ND
OXAMYL	0.05	ppm	0.5	ND
PACLOBUTRAZOL	0.01	ppm	0.1	ND
PHOSMET	0.01	ppm	0.2	ND
PIPERONYL BUTOXIDE	0.3	ppm	3	ND
PRALLETHRIN	0.01	ppm	0.4	ND
PROPICONAZOLE	0.01	ppm	1	ND
PROPOXUR	0.01	ppm	0.1	ND

Pesticides	LOD	Units	Action Level	Result
PYRETHRINS	0.05	ppm	1	ND
PYRIDABEN	0.02	ppm	3	ND
SPIROMESIFEN	0.01	ppm	3	ND
SPIROTETRAMAT	0.01	ppm	3	ND
SPIROXAMINE	0.01	ppm	0.1	ND
TEBUCONAZOLE	0.01	ppm	1	ND
THIACLOPRID	0.01	ppm	0.1	ND
THIAMETHOXAM	0.05	ppm	1	ND
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	PPM	20	ND
TOTAL DIAZINON	0.01	PPM	0.2	ND
TOTAL DIMETHOMORPH	0.02	PPM	3	ND
TOTAL PERMETHRIN	0.01	ppm	1	ND
TOTAL SPINETORAM	0.02	PPM	3	ND
TOTAL SPINOSAD	0.01	ppm	3	ND
TRIFLOXYSTROBIN	0.01	ppm	3	ND
PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
PARATHION-METHYL *	0.01	PPM	0.1	ND
CHLORDANE *	0.01	PPM	0.1	ND
CAPTAN *	0.025	PPM	3	ND
CHLORFENAPYR *	0.01	PPM	0.1	ND
CYFLUTHRIN *	0.01	PPM	1	ND
CYPERMETHRIN *	0.01	PPM	1	ND

Pesticides — PASSED

Analyzed by 1541 , 1541
Weight 1.0111g
Extraction date 01/19/21 03:01:56
Extracted By 650 , 650

Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070 , SOP.T.30.065, SOP.T40.070
Analytical Batch - GA021288PES , GA021290VOL
Reviewed On- 01/15/21 08:09:32
Instrument Used : GA-LCMS-001 Pes , GA-GCMS-003 Triple Quad Pest (Indica)
Running On : 01/19/21 18:09:40 , 01/20/21 12:47:56
Batch Date : 01/19/21 13:41:29

Reagent	Dilution	Consums. ID
011921.R39 011321.R05 011321.R04	10	282066106 VAV-09-1020 Lot# 947.077 6970145500298 VAV-09-1020 (947.077) / ALK-09-1412 (9291.179) P734631 / P7411895

Pesticide screen is performed using LC-MS and/or GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and GCMSMS. SOP.T40.065/SOP.T.40.066/SOP.T.40.070 Procedure for Pesticide Quantification Using LCMS and GCMS). * Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.

Jeremy Campbell
Lab Director

State License # CMTL-0001
ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature

01/21/2021
Signed On

2444 NE 1st Blvd Suite 700
Gainesville, FL, 32609, US

Kaycha Labs

pure extract 500
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Pure Science Lab

6574 N. State Road 7
Coconut Creek, FL, 33073, US
Telephone: 9544150942
Email: Stevep250@gmail.com

Sample : GA10111001-003
Harvest/LOT ID: RO18
Batch# : 010521
Sampled : 01/05/21
Ordered : 01/05/21

Sample Size Received : 1 ml
Completed : 01/21/21 **Expires:** 01/21/22
Sample Method : SOP Client Method

Residual Solvents — PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
METHANOL	25	ppm	250	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
ETHYL ETHER	50	ppm	500	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
BENZENE	0.1	ppm	1	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

Residual Solvents — PASSED

Analyzed by	Weight	Extraction date	Extracted By
1541	0.0223g	01/16/21 03:01:53	1541

Analysis Method - SOP.T.40.032
Analytical Batch - GA021173SOL **Reviewed On -** 01/16/21 16:38:25
Instrument Used : GA-GCMS-001 Headspace Solvent
Running On : 01/15/21 11:17:25
Batch Date : 01/15/21 07:19:46

Reagent	Dilution	Consums. ID
		24154107 ach-20-1720

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 21 Residual solvents.(Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS).

Jeremy Campbell
Lab Director

State License # CMTL-0001
ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature

01/21/2021
Signed On

2444 NE 1st Blvd Suite 700
Gainesville, FL, 32609, US

Kaycha Labs
pure extract 500
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Pure Science Lab

6574 N. State Road 7
Coconut Creek, FL, 33073, US
Telephone: 9544150942
Email: Stevep250@gmail.com

Sample : GA10111001-003
Harvest/LOT ID: RO18
Batch# : 010521
Sampled : 01/05/21
Ordered : 01/05/21
Sample Size Received : 1 ml
Completed : 01/21/21 **Expires:** 01/21/22
Sample Method : SOP Client Method

Microbials — PASSED

Analyte	LOD	Result
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.
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -GA021207MIC **Batch Date :** 01/15/21
Instrument Used : GA-093 PathogenDx Scanner (MIC)
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1541	0.98g	01/15/21	2119

Reagent	Dilution	Consums. ID
110320.27	10	001001 001001 002005

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 detection testing. Testing for these microorganisms may also be analyzed through a culture-based method that employs the use of differentiating plates that are used for the isolation and enumeration of a specific organism or organism groups (Method SOP.T.40.041).

Mycotoxins — PASSED

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
TOTAL OCHRATOXIN A	0.002	PPM	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -GA021289MYC | **Reviewed On -** 01/21/21 10:19:07
Instrument Used : GA-LCMS-001 MYC
Running On : 01/19/21 18:09:49
Batch Date : 01/19/21 13:44:50

Analyzed by	Weight	Extraction date	Extracted By
1541	1.0111g	01/20/21 09:01:28	1850

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20µg/Kg.

Heavy Metals — PASSED

Reagent	Reagent	Dilution	Consums. ID
092920.39	010821.R12	50	190624060
010421.R25			106667-05-100719
010721.R05			
010621.R12			
110519.13			
081420.12			

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
MERCURY	0.02	PPM	ND	3
LEAD	0.05	PPM	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
1541	0.4951g	01/15/21 03:01:22	2103

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -GA021166HEA | **Reviewed On -** 01/19/21 10:26:17
Instrument Used : GA-ICPMS-001-DER (Ice Princess)
Running On :
Batch Date : 01/14/21 16:29:18

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.

Jeremy Campbell
Lab Director

State License # CMTL-0001
ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature

01/21/2021
Signed On