4131 SW 47th AVENUE SUITE 1408
DAVIE, FL, 33314, US

Kaycha Labs
VV4500Z
N/A
Matrix: Edible

Certificate of Analysis

Sample:DA11006011-004
Harvest/Lot ID: N/A
Seed to Sale# N/A
Batch Date: N/A
Batch#: SME093021
Sample Size Received: 15 gram
Total Weight/Volume: N/A
Retail Product Size: 30 ml
Ordered : 09/30/21
sampled : 09/30/21
Completed: 10/11/21
Sampling Method: SOP Client Method

Oct 11, 2021 | Verve Systems

3278 Wilshire Blvd #603,
Los Angeles, CA, 90010

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.

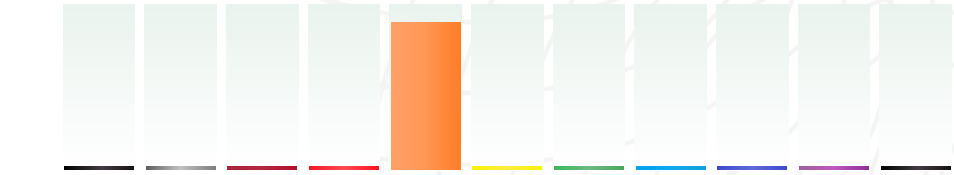
Terpenes
NOT TESTED

CANNABINOID RESULTS

Total THC
0.000%

Total CBD
19.381%

Total Cannabinoids
19.381%



	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	ND	ND	ND	19.381	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	ND	193.81	ND	ND	ND	ND	ND	ND
LOD	0.002 %	0.002 %	0.002 %	0.002 %	0.002 %	0.002 %	0.002 %	0.002 %	0.002 %	0.002 %	0.002 %

Cannabinoid Profile Test

Analyzed by 450 | **Weight** 0.1006g | **Extraction date :** 10/07/21 03:10:20 | **Extracted By :** 2198
Analysis Method -SOP.T.40.020, SOP.T.30.050 **Reviewed On -** 10/08/21 11:36:11 **Batch Date :** 10/07/21 13:41:39
Analytical Batch -DA032318POT **Instrument Used :** DA-LC-003 (Derivatives) **Running On :** 10/07/21 18:55:39

Reagent	Dilution	Consums. ID
100421.R27	400	CE0123
090721.07		287035261
100421.R26		11945-019CD-019C
		914C4-914AK
		929C6-929H

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 457 | **Weight** NA | **Extraction date** 10/06/21 | **Extracted By** 457

Analyte	LOD	Result
Filth and Foreign Material	0.1	ND

Analysis Method -SOP.T.40.013 **Batch Date :** 10/06/21 13:15:22
Analytical Batch -DA032262FIL **Reviewed On -** 10/06/21 15:10:03
Instrument Used : 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.

Jorge Segredo
Lab Director

State License # CMTL-0002
ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature

10/11/21
Signed On

4131 SW 47th AVENUE SUITE 1408
DAVIE, FL, 33314, US

Kaycha Labs
VV4500Z
N/A
Matrix : Edible

Certificate of Analysis

PASSED

Verve Systems

3278 Wilshire Blvd #603,
Los Angeles, CA, 90010
Telephone: 949-874-0463
Email: raj@vervesystemsllc.com

Sample : DA11006011-004
Harvest/LOT ID: N/A
Batch# : SME093021
Sampled : 09/30/21
Ordered : 09/30/21

Sample Size Received : 15 gram
Total Weight/Volume : N/A
Completed : 10/11/21 **Expires:** 10/11/22
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
DIAZINON	0.01	ppm	3	ND
DICHLORVOS	0.01	ppm	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND
DIMETHOMORPH	0.02	ppm	3	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
PYRETHRIN I	0.01	ppm	1	ND
PYRETHRIN II	0.01	ppm	1	ND
PYRETHRINS	0.05	ppm	1	ND
PYRIDABEN	0.02	ppm	3	ND
SPINETORAM	0.02	PPM	3	ND
SPINOSAD (SPINOSYN A)	0.01	ppm	3	ND
SPINOSAD (SPINOSYN D)	0.01	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)	0.05	PPM	20	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
CAPTAN *	0.025	PPM	3	ND
CHLORDANE *	0.01	PPM	0.1	ND
CHLORFENAPYR *	0.01	PPM	0.1	ND
CYFLUTHRIN *	0.01	PPM	1	ND
CYPERMETHRIN *	0.01	PPM	1	ND

Pesticides — PASSED

Analyzed by
585 , 1665

Weight
0.9063g

Extraction date
10/07/21 02:10:55

Extracted By
1665 , 1665

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 - DA032288PES , DA032283VOL

Reviewed On- 10/06/21 15:10:03

Instrument Used : DA-LCMS-003 (PES) , DA-GCMS-001
Running On : 10/07/21 16:57:32 , 10/07/21 16:12:12

Batch Date : 10/07/21 10:09:32

Reagent	Dilution	Consums. ID
100421.R25 091321.R19 092121.R61 100621.R01 092820.59	250	6524407-03

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.

Jorge Segredo
Lab Director

State License # CMTL-0002
ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature

10/11/21
Signed On

4131 SW 47th AVENUE SUITE 1408
DAVIE, FL, 33314, US

Kaycha Labs
VV4500Z
N/A
Matrix : Edible

Certificate of Analysis

PASSED

Verve Systems

3278 Wilshire Blvd #603,
Los Angeles, CA, 90010
Telephone: 949-874-0463
Email: raj@vervesystemsllc.com

Sample : DA11006011-004
Harvest/LOT ID: N/A
Batch# : SME093021
Sampled : 09/30/21
Ordered : 09/30/21

Sample Size Received : 15 gram
Total Weight/Volume : N/A
Completed : 10/11/21 **Expires:** 10/11/22
Sample Method : SOP Client Method

Residual Solvents — PASSED

Solvent	LOD	Units	Action Level	Pass/Fail	Result
METHANOL	25	ppm	3000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
PROPANE	500	ppm	2100	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
XYLENES-M (1,3-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-M&P (1,3&1,4-DIMETHYLBENZENE)	27	ppm	2170	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-P (1,4-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND

Residual Solvents — PASSED

Analyzed by	Weight	Extraction date	Extracted By
850	0.0287g	10/07/21 03:10:29	850

Analysis Method - SOP.T.40.032
Analytical Batch - DA032267SOL **Reviewed On -** 10/11/21 10:12:02
Instrument Used : DA-GCMS-003
Running On :
Batch Date : 10/06/21 17:02:46

Reagent	Dilution	Consums. ID
030420.09	1	R2017.271 G201.062

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).

Jorge Segredo
Lab Director

State License # CMTL-0002
ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature

10/11/21
Signed On

4131 SW 47th AVENUE SUITE 1408
DAVIE, FL, 33314, US

Kaycha Labs
VV4500Z
N/A
Matrix : Edible

Certificate of Analysis

PASSED

Verve Systems

3278 Wilshire Blvd #603,
Los Angeles, CA, 90010
Telephone: 949-874-0463
Email: raj@vervesystemsllc.com

Sample : DA11006011-004
Harvest/LOT ID: N/A
Batch# : SME093021
Sampled : 09/30/21
Ordered : 09/30/21

Sample Size Received : 15 gram
Total Weight/Volume : N/A
Completed : 10/11/21 **Expires:** 10/11/22
Sample Method : SOP Client Method

Microbials — PASSED

Analyte	LOD	Result	Action Level
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_TERREUS		not present in 1 gram.	
ASPERGILLUS_NIGER		not present in 1 gram.	

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -DA032253MIC **Batch Date :** 10/06/21 12:00:34
Instrument Used : PathogenDx Scanner DA-111
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1829	1.1123g	10/06/21 02:10:54	513

Reagent	Dilution
082521.R58	1
011121.51	
090821.R61	
100121.R32	
021921.42	

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. Pour-plating is used for quantitation and confirmation, Total Yeast and Mold has an action limit of 100,000 CFU.

Mycotoxins — PASSED

Analyte	LOD	Units	Result	Action Level
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
OCHRATOXIN A	0.002	ppm	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA032289MYC | **Reviewed On -** 10/08/21 13:19:05
Instrument Used : DA-LCMS-003 (MYC)
Running On : 10/07/21 16:57:51
Batch Date : 10/07/21 10:10:39

Analyzed by	Weight	Extraction date	Extracted By
585	g	10/07/21 02:10:31	585

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	Reagent	Dilution	Consums. ID
050121.01	121020.04	093021.R20	10000	179436
092021.R42	092321.R56	021921.13		3146-870-008
093021.R23	100421.R05			12265-115CC
091321.R20	100421.R06			
093021.R24	121020.12			
100421.R28	100421.R31			

Metal	LOD	Unit	Result	Action Level
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
53	0.2341g	10/06/21 02:10:55	1879

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051
Analytical Batch -DA032250HEA | **Reviewed On -** 10/11/21 08:39:21
Instrument Used : DA-ICPMS-003
Running On : 10/06/21 15:42:18
Batch Date : 10/06/21 11:53:09

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) using Method SOP.T.30.052, SOP.T.30.053 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050, SOP.T.40.051 Heavy Metals Analysis via ICP-MS.

Jorge Segredo
Lab Director

State License # CMTL-0002
ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature

10/11/21
Signed On