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

Kaycha Labs

2500 Mg Full Spectrum
N/A
Matrix: Edible

Certificate of Analysis

Sample:DA01001011-004
Harvest/Lot ID: 10444
Seed to Sale #N/A
Batch Date :09/20/20
Batch#: DMMW-1-1-3
Sample Size Received: 30 ml
Retail Product Size: 30
Ordered : 09/22/20
Sampled : 09/22/20
Completed: 10/13/20 Expires: 10/13/21
Sampling Method: SOP Client Method

Oct 13, 2020 | Carmens Medicinals

800 SE 4th Ave
Hallandale Beach , FL, 33009, US

PASSED

PRODUCT IMAGE **SAFETY RESULTS** **MISC.**

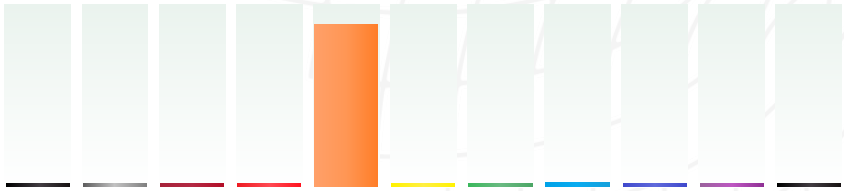
Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture	Terpenes
PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	TESTED

CANNABINOID RESULTS

Total THC
0.165%
THC/Container :49.782 mg

Total CBD
9.094%
CBD/Container :2728.250 mg

Total Cannabinoids
9.478%
Total Cannabinoids/Container :2843.622 mg



	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
	0.042%	0.029%	ND	0.081%	9.068%	ND	0.033%	0.165%	ND	0.058%	ND
	0.420 mg/g	0.290 mg/g	ND	0.810 mg/g	90.680 mg/g	ND	0.330 mg/g	1.650 mg/g	ND	0.580 mg/g	ND
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.0001 %	0.001 %	0.001 %	0.0001 %	0.001 %	0.001 %	0.001 %

Filth — PASSED

Analyzed By	Weight	Extraction date	LOD(ppm)	Extracted By
1790	25.4g	10/03/20		1790

Analysis Method -SOP.T.40.013 **Batch Date :** 10/03/20 08:49:46
Analytical Batch -GA016819FIL **Reviewed On -** 10/05/20 15:38:36
Instrument Used : GA-Filth/Foreign Material Microscope
Running On :

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.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
508	2.9186g	10/03/20 02:10:58	1790

Analysis Method -SOP.T.40.020, SOP.T.30.050 **Reviewed On -** 10/05/20 16:49:42 **Batch Date :** 10/03/20 12:23:50
Analytical Batch -GA016824POT **Instrument Used :** GA-HPLC-001 2030C Plus **Running On :** 10/03/20 18:25:49

Reagent	Dilution	Consums. ID
092320.01	40	280630187
071420.14		VAV-09-1020 Lot# 947.077
092920.R04		6970145500298
100120.R02		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).

Jeremy Campbell
Lab Director

State License # CMTL-0001
ISO Accreditation # 97164

Signature

10/13/2020
Signed On

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Gainesville, FL, 32609, USA

Kaycha Labs

2500 Mg Full Spectrum
N/A
Matrix : Edible

Certificate of Analysis

PASSED

Carmens Medicinals

800 SE 4th Ave
Hallandale Beach , FL, 33009, US
Telephone: (954) 993-8077
Email: juan@carmensmedicinals.com

Sample : DA01001011-004
Harvest/LOT ID: 10444
Batch# : DMMW-1-1-3
Sampled : 09/22/20
Ordered : 09/22/20
Sample Size Received : 30 ml
Completed : 10/13/20 **Expires:** 10/13/21
Sample Method : SOP Client Method

Terpenes — TESTED

Terpenes	LOD	Units	Result (%)
ALPHA-HUMULENE	0.007	%	0.030
ALPHA-CEDRENE	0.007	%	ND
SABINENE	0.007	%	ND
SABINENE HYDRATE	0.007	%	ND
TERPINEOL	0.007	%	<0.020
TERPINOLENE	0.007	%	ND
BETA-CARYOPHYLLENE	0.007	%	0.083
TRANS-NEROLIDOL	0.007	%	<0.020
VALENCENE	0.007	%	ND
ALPHA-BISABOLOL	0.007	%	0.102
CARYOPHYLLENE OXIDE	0.007	%	ND
CAMPHOR	0.013	%	ND
CAMPHENE	0.007	%	ND
BORNEOL	0.013	%	ND
BETA-PINENE	0.007	%	ND
BETA-MYRCENE	0.007	%	ND
ALPHA-TERPINENE	0.007	%	ND
ALPHA-PINENE	0.007	%	ND
CEDROL	0.007	%	ND
PULEGONE	0.007	%	0.043
ALPHA-PHELLANDRENE	0.007	%	ND
OCIMENE	0.007	%	ND
NEROL	0.007	%	ND
LINALOOL	0.007	%	ND
LIMONENE	0.007	%	0.037
GUAIOL	0.007	%	0.051
GERANYL ACETATE	0.007	%	ND
GERANIOL	0.007	%	ND
GAMMA-TERPINENE	0.007	%	ND
FENCHONE	0.007	%	ND
FARNESENE	0.007	%	ND

Terpenes	LOD	Units		Result (%)
EUCALYPTOL	0.007	%	0.038	0.038
ISOBORNEOL	0.007	%	ND	ND
HEXAHYDROTHYMOL	0.007	%	0.837	0.837
FENCHYL ALCOHOL	0.007	%	ND	ND
3-CARENE	0.007	%	ND	ND
CIS-NEROLIDOL	0.007	%	ND	ND
ISOPULEGOL	0.007	%	ND	ND

Total 1.225

Terpenes — TESTED

Analyzed by	Weight	Extraction date	Extracted By
508	1.0081g	10/05/20 08:10:12	1791

Analysis Method - SOP.T.40.090
Analytical Batch - GA016847TER **Reviewed On -** 10/07/20 14:03:32
Instrument Used : GA-GCMS-002 QP2010S
Running On : 10/05/20 12:18:06
Batch Date : 10/05/20 08:00:19

Reagent	Dilution	Consums. ID
042920.03	10	280630187 VAV-09-1020 Lot# 947.077 6970145500298 P734631 / P7411895 16466-042

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography – Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC/MS.

Jeremy Campbell
Lab Director
State License # CMTL-0001
ISO Accreditation # 97164

Signature

10/13/2020
Signed On

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Kaycha Labs

2500 Mg Full Spectrum
N/A
Matrix : Edible

Certificate of Analysis

PASSED

Carmens Medicinals

800 SE 4th Ave
Hallandale Beach , FL, 33009, US
Telephone: (954) 993-8077
Email: juan@carmensmedicinals.com

Sample : DA01001011-004
Harvest/LOT ID: 10444

Batch# : DMMW-1-1-3
Sampled : 09/22/20
Ordered : 09/22/20

Sample Size Received : 30 ml
Completed : 10/13/20 **Expires:** 10/13/21
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
DIAZANON	0.01	ppm	0.2	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	0.1	ppm	3	ND
PRALLETHRIN	0.01	ppm	0.4	ND

Pesticides	LOD	Units	Action Level	Result
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	PPM	20	ND
TOTAL PERMETHRIN	0.01	ppm	1	ND
TOTAL SPINOSAD	0.01	ppm	3	ND
TRIFLOXYSTROBIN	0.01	ppm	3	ND

Pesticides — PASSED

Analyzed by
1850 , 1541

Weight
1.0004g

Extraction date
10/09/20 04:10:59

Extracted By
1850 , 1541

Analysis Method - SOP.T.30.065, SOP.T.40.065 , SOP.T.30.065, SOP.T40.070
Analytical Batch - GA017100PES , GA017165VOL **Reviewed On-** 10/05/20 15:38:36
Instrument Used : GA-LCMS-001 Pes , GA-GCMS-003 Triple Quad Pest
Running On : , 10/09/20 17:56:39
Batch Date : 10/08/20 11:05:49

Reagent	Dilution	Consums. ID
092520.R03	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 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 SOP.T40.065 Procedure for Pesticide Quantification Using LCMS). * 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 # 97164

Signature

10/13/2020
Signed On

2444 NE 1st Blvd Suite 700
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Kaycha Labs
2500 Mg Full Spectrum
N/A
Matrix : Edible

Certificate of Analysis

PASSED

Carmens Medicinals

800 SE 4th Ave
Hallandale Beach , FL, 33009, US
Telephone: (954) 993-8077
Email: juan@carmensmedicinals.com

Sample : DA01001011-004
Harvest/LOT ID: 10444
Batch# : DMMW-1-1-3
Sampled : 09/22/20
Ordered : 09/22/20
Sample Size Received : 30 ml
Completed : 10/13/20 **Expires:** 10/13/21
Sample Method : SOP Client Method

Residual Solvents — PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
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
CHLOROFORM	0.2	ppm	60	PASS	ND
1,2-DICHLOROETHANE	0.2	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-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
508	.0235g	10/06/20 12:10:16	508

Analysis Method - SOP.T.40.032
Analytical Batch - GA016951SOL **Reviewed On -** 10/07/20 14:30:51
Instrument Used : GA-GCMS-001 Headspace Solvent
Running On : 10/06/20 14:15:55
Batch Date : 10/06/20 12:29:32

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 # 97164

Signature

10/13/2020
Signed On

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Kaycha Labs

2500 Mg Full Spectrum
N/A
Matrix : Edible

Certificate of Analysis

PASSED

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Email: juan@carmensmedicinals.com

Sample : DA01001011-004
Harvest/LOT ID: 10444
Batch# : DMMW-1-1-3
Sampled : 09/22/20
Ordered : 09/22/20
Sample Size Received : 30 ml
Completed : 10/13/20 **Expires:** 10/13/21
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
Analytical Batch -GA017179MIC Batch Date : 10/10/20
Instrument Used : GA-093 PathogenDx Scanner
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1748	0.9986g	10/10/20	1828

Dilution

10

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	0.002	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 -GA017101MYC | Reviewed On - 10/12/20 14:37:56
Instrument Used : GA-LCMS-001 MYC
Running On :
Batch Date : 10/08/20 11:07:16

Analyzed by	Weight	Extraction date	Extracted By
1850	1.0004g	10/08/20 02:10:34	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
041420.13	100620.R01	50	190624060
091719.R07	110519.12		106667-05-100719
092120.R47			
081420.12			
091720.R01			
100220.R03			

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
650	0.5013g	10/05/20 11:10:40	1791

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -GA016866HEA | Reviewed On - 10/06/20 14:26:30
Instrument Used : GA-ICPMS-001-DER
Running On :
Batch Date : 10/05/20 09:50:30

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 # 97164

Signature

10/13/2020
Signed On