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

Kaycha Labs

Blueberry Distillate
N/A
Matrix: Derivative

Certificate of Analysis

Sample:GA90913002-001
Harvest/Lot ID: NA
Seed to Sale #N/A
Batch Date :N/A
Batch#: Blueberry
Sample Size Received: 10 ml
Total Weight/Volume: 10 ml
Retail Product Size: 10 ml gram
Ordered : 09/13/19
sampled : 09/13/19
Completed: 09/19/19
Sampling Method: SOP Client Method

Sep 19, 2019 | CBD CAFE

11018 OLD ST AUGUSTINE ROAD
JACKSONVILLE, FL, 32999, USA

PASSED

PRODUCT IMAGE

SAFETY RESULTS

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

MISC.

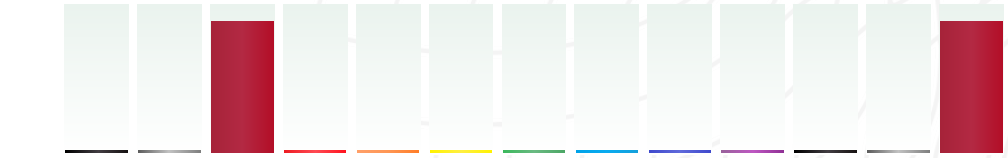
Terpenes
NOT TESTED

CANNABINOID RESULTS

Total THC
0.000%

Total CBD
49.048%

Total Cannabinoids
0.000%



	D9-THC	THCA	CBD	CBDA	CBN	CBDV	D8-THC	THCV	CBG	CBGA	CBC	TOTAL TH	TOTAL CB
%	ND	ND	49.0480	ND	ND	0.2320	ND	ND	0.6470	ND	ND	ND	49.0480
mg/g	ND	ND	490.4800	ND	ND	2.3200	ND	ND	6.4700	ND	ND	ND	490.4800
LOD	0.0005 %	0.0000 %	0.0004 %	0.0000 %	0.0000 %	0.0001 %	0.0001 %	0.0001 %	0.0001 %	0.0000 %	0.0000 %	0.0010	0.0010

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
508	.1073g	09/13/19 04:09:34	935

Analysis Method -SOP.T.40.020, SOP.T.30.050
Analytical Batch -GA006350 **Instrument Used :** **Batch Date :**

Reagent	Dilution	Consums. ID
	40	280630187 924CD-924C 00267301 / 00268913 / 00273299 NA 18/07/25

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).

Rob Bruton
Lab Director

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

Signature

09/19/19
Signed On

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Gainesville, FL, 32609, US

Kaycha Labs
Blueberry Distillate
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

11018 OLD ST AUGUSTINE ROAD
JACKSONVILLE, FL, 32999, USA
Telephone: (586) 339-0718
Email: ciannbommarito@gmail.com

Sample : GA90913002-001
Harvest/LOT ID: NA

Batch# : Blueberry
Sampled : 09/13/19
Ordered : 09/13/19

Sample Size Received : 10 ml
Total Weight/Volume : 10 ml
Completed : 09/19/19 **Expires:** 09/19/20
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
DIMETHOATE	0.01	ppm	0.05	ND
ABAMECTIN B1A	0.02	ppm	0.1	ND
CIS-PERMETHRIN	0.05	ppm	0.1	ND
ACEPHATE	0.001	ppm	0.1	ND
DIMETHOMORPH	0.005	ppm	0.05	ND
ETHOPROPHOS	0.01	ppm	0.05	ND
ACETAMIPRID	0.01	ppm	0.05	ND
ETOFENPROX	0.01	ppm	0.05	ND
ALDICARB	0.02	ppm	0.05	ND
ETOXAZOLE	0.01	ppm	0.05	ND
AZOXYSTROBIN	0.01	ppm	0.05	ND
FENHEXAMID	0.01	ppm	0.1	ND
BIFENAZATE	0.01	ppm	0.1	ND
FENOXYCARB	0.01	ppm	0.05	ND
FENPYROXIMATE	0.01	ppm	0.5	ND
BIFENTHRIN	0.01	ppm	0.1	ND
CARBARYL	0.01	ppm		ND
FIPRONIL	0.02	ppm	0.05	ND
FLONICAMID	0.01	ppm	0.4	ND
CARBOFURAN	0.01	ppm		ND
CHLORANTRANILIPROLE	0.01	ppm		ND
FLUDIOXONIL	0.01	ppm	0.1	ND
HEXYTHIAZOX	0.01	ppm	0.25	ND
CHLORFENAPYR	0.01	ppm	0.05	ND
IMAZALIL	0.01	ppm	0.05	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND
IMIDACLOPRID	0.01	ppm	0.1	ND
CLOFENTEZINE	0.01	ppm	0.2	ND
KRESOXIM-METHYL	0.01	ppm	0.1	ND
COUMAPHOS	0.005	ppm	0.05	ND
MALATHION	0.01	ppm	0.05	ND
CYPERMETHRIN	0.01	ppm	0.5	0.317
DAMINOZIDE	0.01	ppm	0.5	ND
METALAXYL	0.01	ppm	0.05	ND
DICHLORVOS	0.05	ppm	0.1	ND
METHIOCARB	0.01	ppm	0.05	ND
METHOMYL	0.01	ppm	0.1	ND
DIAZANON	0.01	ppm	0.05	ND
MEVINPHOS	0.01	ppm	0.05	ND
MYCLOBUTANIL	0.01	ppm	0.1	ND
NALED	0.01	ppm	0.25	ND
OXAMYL	0.01	ppm	0.25	ND
PACLOBUTRAZOL	0.01	ppm	0.05	ND
TRANS-PERMETHRIN	0.05	ppm	0.1	ND
PHOSMET	0.01	ppm	0.1	ND
PIPERONYL BUTOXIDE	0.01	ppm	3	ND

Pesticides	LOD	Units	Action Level	Result
PRALLETHRIN	0.05	ppm	0.1	ND
PROPICONAZOLE	0.01	ppm	0.1	ND
PROPOXUR	0.01	ppm	0.1	ND
PYRETHRIN I	0.01	ppm	0.5	ND
PYRIDABEN	0.01	ppm	0.2	ND
SPINOSAD (SPINOSYN A)	0.01	ppm	0.1	ND
SPINOSAD (SPINOSYN D)	0.01	ppm	0.1	ND
SPIROMESIFEN	0.01	ppm	0.1	ND
SPIROTETRAMAT	0.02	ppm	0.1	ND
SPIROXAMINE	0.01	ppm	0.05	ND
TEBUCONAZOLE	0.01	ppm	0.05	ND
THIACLOPRID	0.01	ppm	0.05	ND
THIAMETHOXAM	0.01	ppm	0.05	ND
TRIFLOXYSTROBIN	0.01	ppm	0.1	ND

Pesticides — PASSED

Analyzed by	Weight	Extraction date	Extracted By
635	1.0062g	09/13/19 02:09:58	935

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 - GA006366
Instrument Used :
Running On : **Batch Date :**

Reagent	Dilution	Consums. ID
091219.R05 091219.R06 090919.R04	10	28065964 1920V103 / 192V315 NA P7254474 / P7312914

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.

Rob Bruton
Lab Director

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

Signature

09/19/19
Signed On

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

Kaycha Labs
Blueberry Distillate
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

11018 OLD ST AUGUSTINE ROAD
JACKSONVILLE, FL, 32999, USA
Telephone: (586) 339-0718
Email: ciannbommarito@gmail.com

Sample : GA90913002-001
Harvest/LOT ID: NA
Batch# : Blueberry
Sampled : 09/13/19
Ordered : 09/13/19

Sample Size Received : 10 ml
Total Weight/Volume : 10 ml
Completed : 09/19/19 **Expires:** 09/19/20
Sample Method : SOP Client Method

Residual Solvents — PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
1,1-DICHLOROETHENE	0.2	ppm	8	PASS	ND
1,4-DIOXANE	22.8	ppm		PASS	ND
2-BUTANOL	140	ppm		PASS	ND
2-ETHOXYETHANOL	9.6	ppm		PASS	ND
2-PROPANOL	140	ppm	500	PASS	ND
ACETONE	140	ppm	750	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
BUTANES (ISO-BUTANE)	50	ppm	2000	PASS	ND
BUTANES (N-BUTANE)	50	ppm	2000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
ETHANOL	140	ppm	5000	PASS	ND
ETHYL ACETATE	140	ppm	400	PASS	ND
CYCLOHEXANE	232.8	ppm		PASS	ND
DICHLOROMETHANE	36	ppm		PASS	ND
ETHYL ETHER	140	ppm	500	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
ETHYLBENZENE	130.2	ppm		PASS	ND
HEPTANE	140	ppm	500	PASS	ND
HEXANES (2,2-DIMETHYLBUTANE)	17.4	ppm	60	PASS	ND
HEXANES (2,3-DIMETHYLBUTANE)	17.4	ppm	60	PASS	ND
HEXANES (2-METHYLPENTANE)	17.4	ppm	60	PASS	ND
HEXANES (3-METHYLPENTANE)	17.4	ppm	60	PASS	ND
ISOPROPYL ACETATE	140	ppm		PASS	ND
METHALENE CHLORIDE	1	ppm	125	PASS	ND
METHANOL	25	ppm	250	PASS	ND
N-HEXANE	17.4	ppm	60	PASS	ND
PENTANES (ISO-PENTANE)	140	ppm		PASS	ND
PENTANES (N-PENTANE)	50	ppm	750	PASS	ND
PENTANES (NEO-PENTANE)	50	ppm		PASS	ND
PROPANE	10	ppm	2100	PASS	ND
TETRAHYDROFURAN	43.2	ppm		PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	1	ppm	150	PASS	ND
TRICHLOROETHYLENE	0.2	ppm	25	PASS	ND

Residual Solvents — PASSED

Analyzed by	Weight	Extraction date	Extracted By
508	.0244g	09/13/19 03:09:42	508

Analysis Method -SOP.T.40.032
Analytical Batch -GA006377
Instrument Used :
Running On :
Batch Date :

Reagent	Dilution	Consums. ID
		c4020-2

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).

Rob Bruton
Lab Director

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ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature

09/19/19
Signed On

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Gainesville, FL, 32609, US

Kaycha Labs

Blueberry Distillate
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

11018 OLD ST AUGUSTINE ROAD
JACKSONVILLE, FL, 32999, USA
Telephone: (586) 339-0718
Email: ciannbommarito@gmail.com

Sample : GA90913002-001
Harvest/LOT ID: NA

Batch# : Blueberry
Sampled : 09/13/19
Ordered : 09/13/19

Sample Size Received : 10 ml
Total Weight/Volume : 10 ml
Completed : 09/19/19 **Expires:** 09/19/20
Sample Method : SOP Client Method

Microbials — PASSED

Analyte	LOD	Result	Action Level (cfu/g)
ASPERGILLUS_TERREUS_1J2		not present in 1 gram.	
ASPERGILLUS_NIGER		not present in 1 gram.	
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	
ASPERGILLUS_FLAVUS		not present in 1 gram.	
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -GA006384 Batch Date :
Instrument Used :
Running On :

Analyzed by	Weight	Extraction date	Extracted By
507	1.0400g	09/16/19	507

Consums. ID

15619004
180928119C
P7338273

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 (PPM)
AFLATOXIN_G2	0.001	ppm	ND	0.02
AFLATOXIN_G1	0.001	ppm	ND	0.02
AFLATOXIN_B2	0.001	ppm	ND	0.02
AFLATOXIN_B1	0.001	ppm	ND	0.02
OCHRATOXIN_A	0.001	ppm	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -GA006367
Instrument Used :
Running On :
Batch Date :

Analyzed by	Weight	Extraction date	Extracted By
635	1.0062g	09/13/19 02:09:39	935

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	Dilution	Consums. ID
082719.R02	50	105576-16
082819.R07		
082819.R06		
082919.R06		
080519.R03		
032619.14		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.01	ppm	0.030	0.2
CADMIUM	0.01	ppm	ND	0.2
LEAD	0.01	ppm	ND	0.5
MERCURY	0.01	ppm	ND	0.1

Analyzed by	Weight	Extraction date	Extracted By
650	0.5077g	09/16/19 01:09:50	650

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -GA006411
Instrument Used :
Running On :
Batch Date :

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.

Rob Bruton
Lab Director

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

Signature

09/19/19
Signed On