kaycha LABS
605 E Huntington Dr #204, CA, 91016, US

Kaycha Labs
Lemon Octane
N/A
Matrix: Flower

Certificate of Analysis

Sample:CA11112002-002
Harvest/Lot ID: 17
Batch#: 1015LOCD
Seed to Sale# N/A
Batch Date: 10/15/21
Sample Size Received: 12 gram
Total Weight/Volume: N/A
Retail Product Size: 1 gram
Ordered : 11/12/21
sampled : 11/12/21
Completed: 11/22/21 Expires: 11/22/22
Sampling Method: SOP Client Method

Nov 22, 2021 | HFP

100 Bayview Circle
Newport Beach, CA, 92660, US

TESTED

PRODUCT IMAGE

SAFETY RESULTS

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

MISC.

Terpenes
TESTED

CANNABINOID RESULTS

Total THC
0.871%

Total CBD
15.866%

Total Cannabinoids
20.064%

	CBDV	CBD	CBG	THCV	CBDA	CBGA	CBN	D9-THC	D8-THC	CBC	THCA-A
%	ND	0.426	ND	ND	15.714	0.936	ND	ND	ND	ND	0.89
mg/g	ND	4.26	ND	ND	157.14	9.36	ND	ND	ND	ND	8.9
LOD	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04

Cannabinoid Profile Test

Analyzed by 1068 | **Weight** 0.512g | **Extraction date :** NA | **Extracted By :** NA
Analysis Method -SOP.T.40.020, SOP.T.30.050 | **Reviewed On -** 11/16/21 09:34:21 | **Batch Date :** 11/15/21 13:19:22
Analytical Batch -CA001126POT | **Instrument Used :** HPLC-3Dplus(MO-HPLC-01) | **Running On :**

Reagent	Dilution	Consums. ID
081021.02	400	PS-7510-1
060121.23		VAV-09-1020
111221.R01		ALK-09-1412
111121.R02		80081-188
111121.R03		842751369
		K47183I
		L32701I
		F2300-20

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 0.5 mg/L). The results of total THC, total CBD and total Cannabinoids in plant sample are reported on a dry weight basis. Expanded measurements of uncertainties are statistically derived from QC data at 95% confidence level (k=1.96) for a normal distribution.This sample contains significant unquantified, unreported, non-target THC isomers, analogs, derivatives (possibly including, but not limited to exo-THC, delta-9(11)-THC, delta-10-THC, THC-esters, and others) that are beyond the scope of this assay & may be indicative of chemical synthesis

Filth — PASS

Analyzed By	Weight	Extraction date	Extracted By
1048	NA	NA	NA

Analyte	LOD	Result
Insect fragments, hairs & mammalian excreta	0.1	0

Analysis Method -SOP.T.40.013 | **Batch Date :** 11/15/21 10:32:11
Analytical Batch -CA001123FIL | **Reviewed On -** 11/16/21 09:24:11
Instrument Used :
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.

Water Activity — PASS

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
WATER ACTIVITY	1048	0.523g	NA	0.001 Aw	0.65Aw	0.6aW

Analysis Method -Water activity: Expanded measurement of uncertainty: 0.016. Expanded measurements of uncertainties are statistically derived from QC data at 95% confidence level (k=1.96) for a normal distribution.
Batch Date : 11/15/21 10:33:59
Analytical Batch -CA001125WAT | **Reviewed On -** 11/16/21 09:27:06
Instrument Used : Rotronic Water Meter HygroPalm23-AW (MO-WA-01)

Moisture — TESTED

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
MOISTURE CONTENT	1048	0.544g	11/15/21	1 %		10.46%

Analysis Method -SOP.T.40.011 | **Batch Date :** 11/15/21 10:33:07
Analytical Batch -CA001124MOI | **Reviewed On -** 11/16/21 09:25:51
Instrument Used : Shimadzu UniBloc Moisture Content Analyzer (MO-MA-01)

Haifei Yin
Lab Director

State License # NA
ISO Accreditation # L18-47-1

Signature

11/22/21
Signed On

605 E Huntington Dr #204, CA, 91016, US

Kaycha Labs

Lemon Octane
N/A
Matrix : Flower

Certificate of Analysis

TESTED

HFP

100 Bayview Circle
Newport Beach, CA, 92660, US
Telephone: 9497020532
Email: jenna@hempflowerprime.com

Sample : CA11112002-002
Harvest/LOT ID: 17
Batch# : 1015LOCD
Sampled : 11/12/21
Ordered : 11/12/21

Sample Size Received : 12 gram
Total Weight/Volume : N/A
Completed : 11/22/21 **Expires:** 11/22/22
Sample Method : SOP Client Method

Terpenes

TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)
ALPHA-PINENE	0.0625	ND	ND	
ALPHA-TERPINENE	0.0625	ND	ND	
ALPHA-BISABOLOL	0.0625	ND	ND	
BETA-CARYOPHYLLENE	0.0625	1.998	0.199	
BETA-MYRCENE	0.0624	ND	ND	
BETA-PINENE	0.0625	ND	ND	
CAMPHENE	0.0625	ND	ND	
(-)-CARYOPHYLLENE OXIDE	0.0625	ND	ND	
CIS-NEROLIDOL	0.05375	ND	ND	
D-LIMONENE	0.0625	ND	ND	
DELTA-3-CARENE	0.0625	ND	ND	
EUCALYPTOL	0.0625	ND	ND	
GAMMA TERPINENE	0.0625	ND	ND	
GERANIOL	0.0625	ND	ND	
GUAIOL	0.0625	ND	ND	
HUMULENE	0.0625	ND	ND	
ISOPULEGOL	0.0625	ND	ND	
LINALOOL	0.0625	ND	ND	
OCIMENE ISOMER 1	0.0375	ND	ND	
P-CYMENE	0.0625	ND	ND	
OCIMENE ISOMER 2	0.0875	ND	ND	
TERPINOLENE	0.0625	ND	ND	
TRANS-NEROLIDOL	0.07125	ND	ND	
Total	**1998.322 (ppm)**	**0.199 (%)**		

Terpenes	LOD(%)	mg/g	%	Result (%)

Terpenes — TESTED

Analyzed by	Weight	Extraction date	Extracted By
1695	0.502g	NA	NA

Analysis Method - SOP.T.40.091
Analytical Batch - CA001131TER
Reviewed On - 11/18/21 12:34:33
Instrument Used : GC-2030 FID(MO-GCFID-01)
Running On :
Batch Date : 11/17/21 12:58:22

Reagent	Dilution	Consums. ID
060121.22	1	9299.077
041320.10		ALK-09-1412
041320.07		1904903
021621.01		80081-188
		10854-122
		960520083
		QU24030
		O48450I
		1904903
		REST-21764
		33011020200006

Terpene: Terpenoid profile screening is performed using GC-FID which can screen 21 terpenes using Method SOP.T.40.091. Expanded measurements of uncertainties are statistically derived from QC data at 95% confidence level (k=1.96) for a normal distribution.

Haifei Yin
Lab Director

State License # NA
ISO Accreditation # L18-47-1

Signature

11/22/21
Signed On

605 E Huntington Dr #204, CA, 91016, US

Kaycha Labs

Lemon Octane
N/A
Matrix : Flower

Certificate of Analysis

TESTED

HFP

100 Bayview Circle
Newport Beach, CA, 92660, US
Telephone: 9497020532
Email: jenna@hempflowerprime.com

Sample : CA11112002-002
Harvest/LOT ID: 17
Batch# : 1015LOCD
Sampled : 11/12/21
Ordered : 11/12/21

Sample Size Received : 12 gram
Total Weight/Volume : N/A
Completed : 11/22/21 **Expires:** 11/22/22
Sample Method : SOP Client Method

Pesticides

PASS

Pesticides	LOD	Units	Action Level	Result
DAMINOZIDE	0.04	ug/g	0.01	ND
ACEPHATE	0.01	ug/g	0.1	ND
OXAMYL	0.01	ug/g	0.5	ND
THIAMETHOXAM	0.01	ug/g	5	ND
METHOMYL	0.01	ug/g	1	ND
IMIDACLOPRID	0.01	ug/g	5	ND
ACETAMIPRID	0.01	ug/g	0.1	ND
MEVINPHOS	0.02	ug/g	0.02	ND
DIMETHOATE	0.01	ug/g	0.01	ND
THIACLOPRID	0.01	ug/g	0.01	ND
IMAZALIL	0.01	ug/g	0.01	ND
ALDICARB	0.01	ug/g	0.01	ND
PROPOXUR	0.01	ug/g	0.01	ND
DICHLORVOS	0.01	ug/g	0.01	ND
CARBOFURAN	0.01	ug/g	0.01	ND
CARBARYL	0.01	ug/g	0.5	ND
NALED	0.04	ug/g	0.1	ND
CHLORANTRANILIPROLE	0.01	ug/g	10	ND
METALAXYL	0.01	ug/g	2	ND
PHOSMET	0.01	ug/g	0.1	ND
AZOXYSTROBIN	0.01	ug/g	0.1	ND
FLUDIOXONIL	0.02	ug/g	0.1	ND
SPIROXAMINE	0.01	ug/g	0.01	ND
BOSCALID	0.01	ug/g	0.1	ND
METHIOCARB	0.01	ug/g	0.01	ND
PACLOBUTRAZOL	0.01	ug/g	0.01	ND
MALATHION	0.01	ug/g	0.5	ND
DIMETHOMORPH	0.01	ug/g	2	ND
MYCLOBUTANIL	0.01	ug/g	0.1	ND
BIFENAZATE	0.01	ug/g	0.1	ND
FLONICAMID	0.02	ug/g	0.1	ND
FENHEXAMID	0.02	ug/g	0.1	ND
SPIROTETRAMAT	0.01	ug/g	0.1	ND
FIPRONIL	0.01	ug/g	0.01	ND
ETHOPROPHOS	0.01	ug/g	0.01	ND
FENOXYCARB	0.01	ug/g	0.01	ND
KRESOXIM-METHYL	0.01	ug/g	0.1	ND
TEBUCONAZOLE	0.01	ug/g	0.1	ND
COUMAPHOS	0.01	ug/g	0.01	ND
DIAZINON	0.01	ug/g	0.1	ND
PROPICONAZOLE	0.01	ug/g	0.1	ND
CLOFENTEZINE	0.01	ug/g	0.1	ND
TRIFLOXYSTROBIN	0.01	ug/g	0.1	ND
PRALLETHRIN	0.01	ug/g	0.1	ND
PIPERONYL BUTOXIDE	0.01	ug/g	3	ND
CHLORPYRIFOS	0.01	ug/g	0.01	ND

Pesticides	LOD	Units	Action Level	Result
HEXYTHIAZOX	0.01	ug/g	0.1	ND
ETOXAZOLE	0.01	ug/g	0.1	ND
SPIROMESIFEN	0.01	ug/g	0.1	ND
CYFLUTHRIN	0.08	ug/g	2	ND
CYPERMETHRIN	0.02	ug/g	1	ND
FENPYROXIMATE	0.01	ug/g	0.1	ND
PYRIDABEN	0.01	ug/g	0.1	ND
ABAMECTIN B1A	0.007	ug/g	0.1	ND
ETOFENPROX	0.01	ug/g	0.01	ND
BIFENTHRIN	0.01	ug/g	3	ND
ACEQUINOCYL	0.01	ug/g	0.1	ND
SPINOSADS	0.002	ug/g	0.1	ND
SPINETORAM	0.01	ug/g	0.1	ND
PERMETHRINS	0.001	ug/g	0.5	ND
PYRETHRINS	0.001	ug/g	0.5	ND
PCNB *	0.01873	ug/g	0.1	ND
PARATHION-METHYL *	0.01356	ug/g	0.019	ND
CAPTAN *	0.03668	ug/g	0.7	ND
CHLORDANE *	0.02115	ug/g	0.024	ND
CHLORFENAPYR *	0.01981	ug/g	0.019	ND

Pesticides — PASS

Analyzed by
1051 , 1051
Weight
0.521g
Extraction date
NA
Extracted By
NA ,

Analysis Method - SOP.T.30.060, SOP.T.40.060 , Pesticide screen is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 5 Volatile Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis and SOP.T40.070 Procedure for Pesticide Quantification Using GCMS).
Analytical Batch - CA001129PES , CA001134VOL
Reviewed On- 11/16/21 09:24:11
Instrument Used : LCMS-8060 (PES) (MO-LCMS-01) , GCMS-TQ8050_DER(MO-GCMSTQ-01)
Running On :
Batch Date : 11/17/21 10:14:53

Reagent	Dilution	Consums. ID
111720.04 092321.R01 101321.R07 062821.01 091721.R02 101521.R01 092121.R01	10	PS-7510-1 VAV-09-1020 66022-060 ALK-09-1412 80081-188 19210465 L39826I L42292I L37138I CA00922001-001 470228-424 298076054 286064127 76124-646

Expanded measurements of uncertainties are statistically derived from QC data at 95% confidence level (k=1.96) for a normal distribution. *

Haifei Yin
Lab Director

State License # NA
ISO Accreditation # L18-47-1

Signature

11/22/21
Signed On

605 E Huntington Dr #204, CA, 91016, US

Kaycha Labs

Lemon Octane
N/A
Matrix : Flower

Certificate of Analysis

TESTED

HFP

100 Bayview Circle
Newport Beach, CA, 92660, US
Telephone: 9497020532
Email: jenna@hempflowerprime.com

Sample : CA11112002-002
Harvest/LOT ID: 17
Batch# : 1015LOCD
Sampled : 11/12/21
Ordered : 11/12/21

Sample Size Received : 12 gram
Total Weight/Volume : N/A
Completed : 11/22/21 **Expires:** 11/22/22
Sample Method : SOP Client Method

Microbials — PASS

Analyte	LOD	Result
SALMONELLA		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.
SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI		not present in 1 gram.
SHIGA TOXIN-PRODUCING ESCHERICHIA. COLI		not present in 1 gram

Analysis Method -SOP.T.40.043
Analytical Batch -CA001140MIC **Batch Date :** 11/19/21 11:18:23
Instrument Used : Sensovation SensoSpot Fluorescence
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1051	1.06g	NA	NA

Reagent	Dilution	Consums. ID	Consums. ID	Consums. ID	Consums. ID	Consums. ID
061021.04	9	10025-726	1059-965	209058	RU13471	QU28720
122120.01		200103274	76322-134	226378	RU14275	RU14274
120919.01		89012-778	75830-564	19210331	RU12041	RU11952
010920.29		215918	6980A10	QU26793	842730950	03086
		13-681-506	107533-17-071520	QU27364	960550291	
		76322-154	207379	QU27000	QU24028	

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 — PASS

Analyte	LOD	Units	Result	Action Level
OCHRATOXIN A+	10	µg/kg	ND	20
AFLATOXIN B1	2	ug/kg	ND	20
AFLATOXIN G1	2	ug/kg	ND	20
AFLATOXIN G2	4	ug/kg	ND	20
AFLATOXIN B2	2	ug/kg	ND	20
TOTAL AFLATOXINS (SUM OF B1, B2, G1 &G2)	10	µg/kg	ND	20

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -CA001133MYC | **Reviewed On -** 11/22/21 12:27:05
Instrument Used : LCMS-8060 (MYC) (MO-LCMS-01)
Running On :
Batch Date : 11/17/21 14:41:09

Analyzed by	Weight	Extraction date	Extracted By
1051	0.521g	11/22/21 12:11:32	1051

Expanded measurements of uncertainties are statistically derived from QC data at 95% confidence level (k=1.96) for a normal distribution.

Heavy Metals — PASS

Reagent	Reagent	Reagent	Dilution	Consums. ID	Consums. ID
010220.01	111721.R06	102121.R01	1	2003055-9D-0266-TA	19210465
040920.02	111721.R07	062521.01		89049-174	L42292I
100721.R04	111721.R08	120919.01		350518130	O44859I
111721.R03	111721.R10			19303688	O48450I
111721.R04	111721.R09			19210388	O53523I
111721.R05	091720.02			19210576	

Metal	LOD	Unit	Result	Action Level
ARSENIC	0.001	µg/g	<LOQ	0.2
CADMIUM	0.004	µg/g	<LOQ	0.2
LEAD	0.009	µg/g	0.032	0.5
MERCURY	0.003	µg/g	<LOQ	0.1

Analyzed by	Weight	Extraction date	Extracted By
1694	0.517g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -CA001128HEA | Reviewed On - 11/17/21 16:57:35
Instrument Used : ICPMS-2030(MO-ICPMS-01)
Running On :
Batch Date : 11/17/21 09:23:17

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. Expanded measurements of uncertainties are statistically derived from QC data at 95% confidence level (k=1.96) for a normal distribution.

Haifei Yin
Lab Director

State License # NA
ISO Accreditation # L18-47-1

Signature

11/22/21
Signed On