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

Kaycha Labs
HP-FSH300
N/A
Matrix: Edible

Certificate of Analysis

Sample:DA00807013-002
Harvest/Lot ID: 4000015
Seed to Sale #N/A
Batch Date :N/A
Batch#: RB-217
Sample Size Received: 11 ml
Retail Product Size: 30
Ordered : 07/31/20
Sampled : 07/31/20
Completed: 08/11/20 Expires: 08/11/21
Sampling Method: SOP Client Method

Aug 11, 2020 | Hemplucid

4484 N 300 W, Ste 202
Provo, UT, 84604, United States

PASSED

PRODUCT IMAGE

SAFETY RESULTS

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

MISC.

Terpenes
NOT TESTED

CANNABINOID RESULTS

Total THC
0.051%

Total CBD
1.047%

Total Cannabinoids
1.146%

	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
	0.033%	1.047%	ND	ND	0.016%	ND	ND	ND	0.051%	ND	ND
	0.330 mg/g	10.470 mg/g	ND	ND	0.160 mg/g	ND	ND	ND	0.510 mg/g	ND	ND
LOD	0.001 %	0.0001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.0001 %	0.001 %	0.001 %

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	3.0987g	08/07/20 10:08:43	965

Analysis Method -SOP.T.40.020, SOP.T.30.050
Reviewed On - 08/10/20 11:12:55
Analytical Batch -DA014605POT **Instrument Used :** DA-LC-003
Batch Date : 08/07/20 10:10:58

Reagent	Dilution	Consums. ID
032320.28	400	280678841
080620.R21		918C4-918J
080620.R20		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).

Jorge Segredo
Lab Director
State License # CMTL-0002
ISO Accreditation # 97164

Signature

08/11/2020
Signed On

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

Kaycha Labs
HP-FSH300
N/A
Matrix : Edible

Certificate of Analysis

PASSED

Hemplucid

4484 N 300 W, Ste 202
Provo, UT, 84604, United States
Telephone: 7192318261
Email: sarah@hemplucid.com

Sample : DA00807013-002
Harvest/LOT ID: 4000015
Batch# : RB-217
Sampled : 07/31/20
Ordered : 07/31/20
Sample Size Received : 11 ml
Completed : 08/11/20 **Expires:** 08/11/21
Sample Method : SOP Client Method

Microbials PASSED

Analyte	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 -DA014599MIC Batch Date : 08/07/20
Instrument Used : PathogenDX PCR_Array Scanner DA-111,PathogenDX PCR_DA-171

Analyzed by	Weight	Extraction date	Extracted By
513	1.0275g	08/07/20	1082

Reagent	Consums. ID	Consums. ID	Consums. ID	Consums. ID
071020.09	181019-274	50AX30819	2809004	2802019
101619.01	SG298A	19423	2810014D	2803029
	11989-024CC-024	080717	029	
	181207119C	850C6-850H	2804025	
	918C4-918J	D004	2808005	
	914C4-914AK	2807007	2811016	

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.

Heavy Metals PASSED

Reagent	Reagent	Dilution	Consums. ID
073120.R04	073020.R17	100	89401-566
080620.R14	071420.R15		
071320.08	071720.R02		
080320.R03	022520.02		
080420.R23	030420.06		
080620.R19	070120.01		

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

Analyzed by	Weight	Extraction date	Extracted By
53	0.2524g	08/07/20 12:08:26	1783

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA014612HEA | Reviewed On - 08/10/20 08:39:58
Instrument Used : DA-ICPMS-001
Batch Date : 08/07/20 10:41:04

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.

Jorge Segredo
Lab Director
State License # CMTL-0002
ISO Accreditation # 97164

Signature

08/11/2020
Signed On

673 N. Bardstown Rd
Mount Washington, KY, 40047, US

Kaycha Labs
RAW-ORGFS-CBD
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Hemplucid

4484 N 300 W, Ste 202,
Provo, Utah, 84604
Telephone: 7192318261
Email: sarah@hemplucid.com

Sample : MO00727009-001
Harvest/LOT ID: N/A
Batch# : O-CO2-YP5-13320-1221F
Sampled : 07/27/20
Ordered : 07/27/20

Sample Size Received : 10 gram
Completed : 07/29/20 **Expires:** 07/29/21
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.020	ppm	0.5	ND
ACEPHATE	0.010	ppm	0.5	ND
ACEQUINOCYL	0.02	ppm	2	ND
ACETAMIPRID	0.010	ppm	0.2	ND
ALDICARB	0.020	ppm	0.4	ND
AZOXYSTROBIN	0.010	ppm	0.2	ND
BIFENAZATE	0.010	ppm	0.2	ND
BIFENTHRIN	0.010	ppm	0.2	ND
BOSCALID	0.005	ppm	0.4	ND
CARBARYL	0.010	ppm	0.2	ND
CARBOFURAN	0.010	ppm	0.2	ND
CHLORANTRANILIPROLE	0.010	ppm	0.2	ND
CHLORPYRIFOS	0.010	ppm	0.2	ND
CLOFENTEZINE	0.010	ppm	0.2	ND
COUMAPHOS	0.005	ppm	0.2	ND
CYPERMETHRIN	0.010	ppm	1	ND
DAMINOZIDE	0.010	ppm	1	ND
DIAZANON	0.010	ppm	0.2	ND
DICHLORVOS	0.050	ppm	0.1	ND
DIMETHOATE	0.010	ppm	0.2	ND
DIMETHOMORPH	0.005	ppm	0.1	ND
ETHOPROPHOS	0.010	ppm	0.2	ND
ETOFENPROX	0.010	ppm	0.4	ND
ETOXAZOLE	0.010	ppm	0.2	ND
FENHEXAMID	0.005	ppm	0.1	ND
FENOXYCARB	0.010	ppm	0.2	ND
FENPYROXIMATE	0.010	ppm	0.4	ND
FIPRONIL	0.020	ppm	0.4	ND
FLONICAMID	0.010	ppm	1	ND
FLUDIOXONIL	0.010	ppm	0.4	ND
HEXYTHIAZOX	0.010	ppm	1	ND
IMAZALIL	0.010	ppm	0.2	ND
IMIDACLOPRID	0.010	ppm	0.4	ND
KRESOXIM-METHYL	0.010	ppm	0.4	ND
MALATHION	0.010	ppm	0.2	ND
METALAXYL	0.010	ppm	0.2	ND
METHIOCARB	0.010	ppm	0.2	ND
METHOMYL	0.010	ppm	0.6	ND
MEVINPHOS	0.010	ppm	0.1	ND
MYCLOBUTANIL	0.010	ppm	0.2	ND
NALED	0.010	ppm	0.5	ND
OXAMYL	0.010	ppm	1	ND
PACLOBUTRAZOL	0.010	ppm	0.4	ND
PERMETHRINS	0.050	ppm	1	ND
PHOSMET	0.010	ppm	0.2	ND
PIPERONYL BUTOXIDE	0.010	ppm	3	0.472

Pesticides	LOD	Units	Action Level	Result
PRALLETHRIN	0.050	ppm	0.2	ND
PROPICONAZOLE	0.010	ppm	0.4	ND
PROPOXUR	0.010	ppm	0.2	ND
PYRETHRIN I	0.010	ppm	1	ND
PYRIDABEN	0.005	ppm	0.2	ND
SPINETORAM	0.005	ppm	0.5	ND
SPINOSAD (SPINOSYN A)	0.010	ppm	0.2	ND
SPINOSAD (SPINOSYN D)	0.010	ppm	0.2	ND
SPIROMESIFEN	0.010	ppm	0.2	ND
SPIROTETRAMAT	0.020	ppm	0.2	ND
SPIROXAMINE	0.010	ppm	0.4	ND
TEBUCONAZOLE	0.010	ppm	0.4	ND
THIACLOPRID	0.010	ppm	0.2	ND
THIAMETHOXAM	0.010	ppm	0.5	ND
TRIFLOXYSTROBIN	0.010	ppm	0.2	ND

Pesticides — PASSED

Analyzed by	Weight	Extraction date	Extracted By
9	0.9995g	07/28/20 03:07:28	9

Analysis Method - SOP.T.30.060, SOP.T.40.060 ,
Analytical Batch - MO000851PES
Instrument Used : LCMSMS 8060 P
Batch Date : 07/28/20 15:18:31
Reviewed On- 07/27/20 14:08:25

Reagent	Dilution	Consums. ID

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS). *

David Greene
Lab Director
State License # 19-05-02P
ISO Accreditation #
17025:2017 #97164

Signature

07/29/2020
Signed On

673 N. Bardstown Rd
Mount Washington, KY, 40047, US

Kaycha Labs
RAW-ORGFS-CBD
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Hemplucid

4484 N 300 W, Ste 202,
Provo, Utah, 84604
Telephone: 7192318261
Email: sarah@hemplucid.com

Sample : MO00727009-001
Harvest/LOT ID: N/A
Batch# : O-CO2-YP5-13320-1221F
Sampled : 07/27/20
Ordered : 07/27/20

Sample Size Received : 10 gram
Completed : 07/29/20 **Expires:** 07/29/21
Sample Method : SOP Client Method

Residual Solvents — PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
TRICHLOROETHENE	3	ppm	80	PASS	ND
CHLOROFORM	0.24	ppm	60	PASS	ND
1,2-DICHLOROETHENE	0.24	ppm	1870	PASS	ND
1,1-DICHLOROETHENE	2	ppm	8	PASS	ND
PENTANES	90	ppm	2500	PASS	ND
BUTANES (N-BUTANE)	50	ppm	5000	PASS	ND
ACETONITRILE	7.2	ppm	410	PASS	ND
ACETONE	90	ppm	5000	PASS	ND
2-PROPANOL	60	ppm	5000	PASS	ND
HEXANES	6	ppm	290	PASS	ND
XYLENES	18	ppm	2170	PASS	ND
TOLUENE	18	ppm	1068	PASS	ND
PROPANE	80	ppm	5000	PASS	ND
METHANOL	30	ppm	3000	PASS	ND
XYLENES-P (1,4-DIMETHYLBENZENE)	18	ppm	2170	PASS	ND
HEPTANE	60	ppm	5000	PASS	ND
XYLENES-M (1,3-DIMETHYLBENZENE)	18	ppm	2170	PASS	ND
ETHYLENE OXIDE	0.6	ppm	50	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	18	ppm	2170	PASS	ND
ETHYL ETHER	60	ppm	5000	PASS	ND
ETHYL ACETATE	48	ppm	5000	PASS	ND
DICHLOROMETHANE	15	ppm	600	PASS	ND
ETHANOL	120	ppm	5000	PASS	ND

Residual Solvents — PASSED

Analyzed by	Weight	Extraction date	Extracted By
18	0.026g	07/28/20 10:07:43	18

Analysis Method - SOP.T.40.032
Analytical Batch - MO000850SOL
Reviewed On - 07/28/20 12:00:56
Instrument Used : GCMS2010
Batch Date : 07/28/20 10:00:33

Reagent	Dilution	Consums. ID

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 33 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).

David Greene
Lab Director
State License # 19-05-02P
ISO Accreditation # 17025:2017 #97164

Signature

07/29/2020
Signed On