879 Federal Blvd
Denver, CO, 80204, USA

Kaycha Labs
WL-GAB-HSO1500
N/A
Matrix: Infused

Certificate of Analysis

Sample:DE20408018-001
Harvest/Lot ID: 1440084
Batch#: MO64656/MO64657
Seed to Sale# 1A4000B00010D25000001456
Batch Date: 04/06/22
Sample Size Received: 9 ml
Total Weight/Volume: N/A
Retail Product Size: 30 ml
ordered : 04/06/22
sampled : 04/06/22
Completed: 04/14/22
Sampling Method: SOP-024

Apr 14, 2022 | Hemplucid

License # 405R-00011
4844 N. 300 W. Ste. 202
Provo, UT, 84604, US

PASSED

PRODUCT IMAGE

SAFETY RESULTS

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

MISC.

Terpenes
TESTED

Cannabinoid

PASSED

Total THC
0.2682%
Total THC/Container : 74.023 mg

Total CBD
5.6382%
Total CBD/Container : 1556.143 mg

Total Cannabinoids
6.154%
Total Cannabinoids/Container : 1698.504 mg

	TOTAL 9(R/S)-HHC	CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBCA	CBLA	THC-O-ACETATE
%	ND	0.0865	ND	ND	5.6382	ND	ND	ND	0.0157	0.0662	ND	0.202	ND	<0.002	<0.002	0.1454	ND	<0.002	ND	ND	ND	ND
mg/ml	ND	0.7958	ND	ND	51.8714	ND	ND	ND	0.1444	0.609	ND	1.8584	ND	<0.0184	<0.0184	1.3376	ND	<0.0184	ND	ND	ND	ND
LOD	0.01	0.002	0.001	0.002	2.8E-5	1.1E-5	0.002	0.001	1.0E-6	0.000237	0.0148	2.2E-5	0.002	0	0	0.002	0.0129	0	1.0E-5	0.002	0.001	0.003
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
2080	0.6371g	04/11/22 03:04:42	1642

Analysis Method -SOP-020 (R15) **Reviewed On -** 04/12/22 15:04:21 **Batch Date :** 04/11/22 11:19:20
Analytical Batch -DE003241POT **Instrument Used :** Agilent 1100 "Falcor" **Running On :** 04/11/22 17:13:06

Dilution : 82
Reagent : 032822.14; 032422.R06; 040622.R11; 022222.R02; 040822.R05; 040422.01
Consumables : 24169051; 1154419; 00291464; R1KB54892; 304015242; 12211-108CC-108; 923C4-923AK; 5079-525C6-525E
Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP-022 (R13) for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L.

Stephen Goldman
Lab Director
State License # 405R-00011
405-00008
ISO Accreditation # 4331.01

Signature

04/14/22
Signed On

879 Federal Blvd
Denver, CO, 80204, USA

Kaycha Labs
WL-GAB-HSO1500
N/A
Matrix : Infused

Certificate of Analysis

PASSED

Hemplucid

4844 N. 300 W. Ste. 202
Provo, UT, 84604, US
Telephone: 7192318261
Email: sarah@hemplucid.com
License # : 405R-00011

Sample : DE20408018-001
Harvest/Lot ID: 1440084
Batch# : MO64656/MO64657
Sampled : 04/06/22
Odered : 04/06/22

Sample Size Received : 9 ml
Total Weight/Volume : N/A
Completed : 04/14/22 **Expires:** 04/14/23
Sample Method : SOP-024

Terpenes — TESTED

Terpenes	LOD(%)	mg/ml	%	Result (%)
ALPHA-PINENE	0.002	ND	ND	
CAMPHENE	0.002	ND	ND	
BETA-PINENE	0.002	ND	ND	
MYRCENE	0.002	<0.2	<0.02	
DELTA-3-CARENE	0.002	ND	ND	
ALPHA-TERPINENE	0.002	ND	ND	
P-CYMENE	0.002	ND	ND	
LIMONENE	0.002	<0.2	<0.02	
EUCALYPTOL	0.002	ND	ND	
CIS-OCIMENE	0.002	ND	ND	
GAMMA-TERPINENE	0.002	ND	ND	
TERPINOLENE	0.002	ND	ND	
LINALOOL	0.002	<0.2	<0.02	
(-)-ISOPULEGOL	0.002	ND	ND	
BORNEOL	0.002	ND	ND	
MENTHOL	0.002	ND	ND	
ALPHA-TERPINEOL	0.002	ND	ND	
PULEGONE	0.002	ND	ND	
GERANIOL	0.002	ND	ND	
2-ETHYL-FENCHOL	0.002	ND	ND	
BETA-CARYOPHYLLENE	0.002	0.9715	0.1056	
HUMULENE	0.002	0.4894	0.0532	
BISABOLENE	0.002	ND	ND	
NEROLIDOL	0.002	<0.2	<0.02	
(-)-CARYOPHYLLENE OXIDE	0.002	ND	ND	
(-)-GUAIOL	0.002	0.6844	0.0744	
(-)-ALPHA-BISABOLOL	0.002	1.8519	0.2013	

Total (%) 0.4345

Terpenes — TESTED

Analyzed by	Weight	Extraction date	Extracted By
2080	0.6371g	04/11/22 03:04:07	1542

Analysis Method - SOP-067 (R0)
Analytical Batch - DE003243TER
Instrument Used : GC 6890
Running On : 04/11/22 16:35:14
Batch Date : 04/11/22 13:53:20
Reviewed On - 04/12/22 11:44:31

Dilution : 40
Reagent : 032822.15; 040822.R05
Consumables : 24169051; 1253104; 00291464; 304015242; 12211-108CC-108
Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.

Stephen Goldman
Lab Director
State License # 405R-00011
405-00008
ISO Accreditation # 4331.01

Signature

04/14/22
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879 Federal Blvd
Denver, CO, 80204, USA

Kaycha Labs

WL-GAB-HSO1500
N/A
Matrix : Infused

Certificate of Analysis

PASSED

Hemplucid

4844 N. 300 W. Ste. 202
Provo, UT, 84604, US
Telephone: 7192318261
Email: sarah@hemplucid.com
License # : 405R-00011

Sample : DE20408018-001
Harvest/Lot ID: 1440084
Batch# : MO64656/MO64657
Sampled : 04/06/22
Odered : 04/06/22

Sample Size Received : 9 ml
Total Weight/Volume : N/A
Completed : 04/14/22 **Expires:** 04/14/23
Sample Method : SOP-024

Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Pass/Fail	Result
OTHER PESTICIDES	0.1	ppb	100	PASS	ND
AVERMECTINS	0.0271	ppb	70	PASS	ND
AZOXYSTROBIN	0.014	ppb	20	PASS	ND
BIFENAZATE	0.011	ppb	20	PASS	ND
ETOXAZOLE	0.006	ppb	10	PASS	ND
IMAZALIL	0.064	ppb	40	PASS	ND
IMIDACLOPRID	0.007	ppb	20	PASS	ND
MALATHION	0.011	ppb	50	PASS	ND
MYCLOBUTANIL	0.013	ppb	40	PASS	ND
PERMETHRINS	0.0131	ppb	40	PASS	ND
SPIROMESIFEN	0.049	ppb	30	PASS	ND
SPIROTETRAMAT	0.03	ppb	20	PASS	ND
TEBUCONAZOLE	0.01	ppb	10	PASS	ND
SPINOSADS	0.0134	ppb	60	PASS	ND

Pesticides LOD Units Action Level Pass/Fail Result

Pesticides PASSED

Analyzed by	Weight	Extraction date	Extracted By
2080	0.152g	04/12/22 03:04:05	1696

Analysis Method - SOP-060 (R5),
Analytical Batch : DE003237PES
Instrument Used : Sciex 6500 Qtrap - Pesticides
Running On :

Reviewed On : 04/14/22 09:56:02
Batch Date : 04/09/22 14:22:14

Dilution : 25
Reagent : 032822.R08; 040722.R02; 031522.R09; 040422.R05; 021622.R11
Consumables : 24169051; 1154419; 00291464; 040CB-040D; 304015242; 5079-525C6-525E
Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5). *

Stephen Goldman
Lab Director

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405-00008
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Signature

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Kaycha Labs

WL-GAB-HSO1500
N/A
Matrix : Infused

Certificate of Analysis

PASSED

Hemplucid

4844 N. 300 W. Ste. 202
Provo, UT, 84604, US
Telephone: 7192318261
Email: sarah@hemplucid.com
License # : 405R-00011

Sample : DE20408018-001
Harvest/Lot ID: 1440084
Batch# : MO64656/MO64657
Sampled : 04/06/22
Odered : 04/06/22

Sample Size Received : 9 ml
Total Weight/Volume : N/A
Completed : 04/14/22 **Expires:** 04/14/23
Sample Method : SOP-024

Residual Solvents

PASSED

Solvent	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	4.21421	ppm	1000	PASS	ND
ETHYL ACETATE	2.79218	ppm	1000	PASS	ND
BUTANES	15.794	ppm	1000	PASS	ND
BENZENE	0.47491	ppm	2	PASS	ND
METHANOL	1.27868	ppm	600	PASS	<3.83604
HEPTANE	3.25945	ppm	1000	PASS	ND
PENTANES	13.828	ppm	1000	PASS	ND
TOLUENE	2.10881	ppm	180	PASS	ND
XYLENES	7.115	ppm	430	PASS	ND
ETHANOL	2.70106	ppm	1000000	PASS	ND
ACETONE	1.708	ppm	1000	PASS	ND
2-PROPANOL	1.58756	ppm	1000	PASS	7.9274
HEXANES	1.92798	ppm	60	PASS	ND

Residual Solvents

PASSED

Analyzed by	Weight	Extraction date	Extracted By
2080	0.1165g	04/13/22 11:04:50	1253

Analysis Method -SOP-032 (R18)
Analytical Batch -DE003245SOL
Instrument Used : GC 5890
Running On :
Batch Date : 04/12/22 07:50:32

Reviewed On - 04/13/22 14:07:26

Dilution : 1
Reagent : 040522.R01; 041222.R06
Consumables : MKCN2192; 33112320180006; 31726-2-1; 5079-525C6-525E
Residual solvents screening is performed using GCwhich can detect below single digit ppm concentrations. Currently we analyze for 15 Residual solvents.

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Kaycha Labs
WL-GAB-HSO1500
N/A
Matrix : Infused

Certificate of Analysis

PASSED

Hemplucid

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Telephone: 7192318261
Email: sarah@hemplucid.com
License # : 405R-00011

Sample : DE20408018-001
Harvest/Lot ID: 1440084
Batch# : MO64656/MO64657
Sampled : 04/06/22
Odered : 04/06/22

Sample Size Received : 9 ml
Total Weight/Volume : N/A
Completed : 04/14/22 **Expires:** 04/14/23
Sample Method : SOP-024

Microbials — PASSED

Analyte	LOD	Result	Pass / Fail
TOTAL YEAST AND MOLD	100	ND	PASS
SHIGA TOXIN PRODUCING ESCHERICHIA COLI STEC	1	ND	PASS
SALMONELLA SPECIES	1	ND	PASS
MICROBIALS	10	ND	PASS

Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)
Analytical Batch -DE003239MIC Batch Date : 04/11/22 10:34:15
Instrument Used : Microbial - Full Panel
Running On : 04/11/22 16:59:17

Analyzed by	Weight	Extraction date	Extracted By
2080	2.2g	04/11/22 05:04:14	5

Dilution : 1

Reagent : 041322.R04; 041322.R05; 032922.R01; 031622.R01; 022122.R11; 032322.R01; 091421.R01; 022222.R07; 032222.R15; 021022.03; 110821.04; 110821.02; 030322.01; 022522.04; 121521.31; 022221.77; 040822.R06; 032822.09; 041222.R05

Consumables : 16564-106C6-106H; 40898-021C4-021AI; CBJA91005; 210622-688; 12211-108CC-108; 1; NT10-1212; 20/08/30; 01860; 00105; CH_2144311; 2; 3; 0000004355

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) methods and plating methods. If a pathogenic Escherichia Coli (STEC) or Salmonella is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Heavy Metals — PASSED

Metal	LOD	Unit	Result	Pass / Fail	Action Level
ARSENIC	0.002	ppm	ND	PASS	1.5
CADMIUM	0.001	ppm	ND	PASS	0.5
MERCURY	0.003	ppm	ND	PASS	1
LEAD	0.01	ppm	ND	PASS	1

Analyzed by	Weight	Extraction date	Extracted By
2080	0.2124g	04/12/22 12:04:51	666

Analysis Method -SOP-050 (R5)
Analytical Batch -DE003246HEA | Reviewed On - 04/13/22 10:44:55
Instrument Used : Shimadzu 2030 ICP-MS
Running On : 04/12/22 15:54:31 | Batch Date : 04/12/22 08:20:43

Dilution : 50

Reagent : 082721.13; 040622.R03; 040622.R02; 062121.04; 071620.05; 040622.R01; 040422.01

Consumables : 210316-361-B; 114CB--114E; 12265-116CC-116; 234422

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen to below single digit ppb concentrations for regulated heavy metals using method SOP-050 (R5). Sample preparation for Heavy Metals Analysis via SOP-050 (R5).

Stephen Goldman
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Signature

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