879 Federal Blvd
Denver, CO, 80204, USA

Kaycha Labs
WL-GAB-SGC50
N/A
Matrix: Infused

Certificate of Analysis

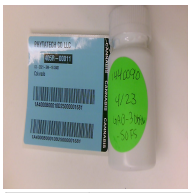
Sample:DE20531009-001
Harvest/Lot ID: 1440090
Batch#: 2022-189/SG-09521-B2
Seed to Sale# 1A4000B00010D25000001681
Batch Date: 04/05/21
Sample Size Received: 8 ml
Total Batch Size: N/A
Retail Product Size: 1 units
Ordered : 05/25/22
Sampled : 05/25/22
Completed: 06/06/22
Sampling Method: N/A

Jun 06, 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 Testing
PASSED	PASSED	PASSED	NOT TESTED	PASSED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

MISC.

Terpenes
TESTED

Cannabinoid

PASSED

Total THC
0.2762%
Total THC/Container : 2.762 mg

Total CBD
9.27%
Total CBD/Container : 92.7 mg

Total Cannabinoids
9.6978%
Total Cannabinoids/Container : 96.978 mg

	TOTAL THC	TOTAL CBD	TOTAL 9(R/S)-HHC	TOTAL CANNABINOIDS	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
%	0.2762	9.27	ND	9.6978	<0.007	ND	ND	9.27	ND	ND	ND	0.011	0.0742	ND	0.202	ND	ND	ND	0.1406	ND	ND	ND	ND	ND	ND
mg/ml	2.762	92.7	ND	96.978	<0.07	ND	ND	92.7	<0.001	ND	ND	0.11	0.742	ND	2.02	ND	<0.02	<0.02	1.406	ND	<0.02	ND	ND	ND	ND
LOD	0.001 %	0.001 %	0.01 %	0.001 %	0.002 %	0.001 %	0.002 %	0 %	0 %	0.002 %	0.001 %	0 %	0.0002 %	0.0148 %	0 %	0.002 %	0 %	0 %	0.002 %	0.0129 %	0 %	0 %	0.002 %	0.001 %	0.003 %

Analyzed by
2080, 1642, 8, 2

Weight
0.5902g

Extraction date :
06/01/22 16:04:31

Extracted By :
1642

Analysis Method -SOP-020 (R15)
Reviewed On - 06/10/22 16:15:27
Analytical Batch -DE003467POT

Batch Date : 06/01/22 09:12:24
Instrument Used : Agilent 1100 "Falcor"

Running On : 06/01/22 16:26:41

Dilution : 40
Reagent : 052322.R08; 053122.R17; 060122.R01; 042622.15; 022222.R03; 053122.01
Consumables : ASO-8408; 0000164728; 12253-111CC-111; 923C4-923AK; 5079-525C6-525E; 24169051; 00291464
Pipette :

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.

Label Claim - PASSED

Analyte	LOD	Units	Pass/Fail	Result
TOTAL CBN	0.001	mg	TESTED	0.051

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

Signature

06/06/22
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Denver, CO, 80204, USA

Kaycha Labs
WL-GAB-SGC50
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 : DE20531009-001
Harvest/Lot ID: 1440090
Batch# : 2022-189/SG-09521-B2
Sampled : 05/25/22
Ordered : 05/25/22

Sample Size Received : 8 ml
Total Batch Size : N/A
Completed : 06/06/22 **Expires:** 06/06/23
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	ND	ND	
DELTA-3-CARENE	0.002	ND	ND	
ALPHA-TERPINENE	0.002	ND	ND	
P-CYMENE	0.002	ND	ND	
LIMONENE	0.002	ND	ND	
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	ND	ND	
(-)-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	0.344	0.0344	
HUMULENE	0.002	0.204	0.0204	
BISABOLENE	0.002	ND	ND	
NEROLIDOL	0.002	<0.2	<0.02	
(-)-CARYOPHYLLENE OXIDE	0.002	<0.2	<0.02	
(-)-GUAIOL	0.002	0.287	0.0287	
(-)-ALPHA-BISABOLOL	0.002	0.959	0.0959	

Total (%) 0.1794

Terpenes — TESTED

Analyzed by	Weight	Extraction date	Extracted By
2080, 1642, 8	0.5902g	06/01/22 16:22:57	1642

Analysis Method - SOP-067 (R0)
Analytical Batch - DE003468TER
Instrument Used : GC 6890
Running On : 06/01/22 16:26:19
Batch Date : 06/01/22 10:44:56
Reviewed On - 06/02/22 11:10:01

Dilution : 40
Reagent :
Consumables :
Pipette :

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
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405-00008
ISO Accreditation # 4331.01

Signature

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Kaycha Labs

WL-GAB-SGC50
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 : DE20531009-001
Harvest/Lot ID: 1440090

Batch# : 2022-189/SG-09521-B2
Sampled : 05/25/22
Ordered : 05/25/22

Sample Size Received : 8 ml
Total Batch Size : N/A
Completed : 06/06/22 **Expires:** 06/06/23
Sample Method : SOP-024

Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
OTHER PESTICIDES	0.1	ppb	100	PASS	ND
SPINOSADS	0.0134	ppb	60	PASS	ND
TEBUCONAZOLE	0.01	ppb	10	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

Pesticide	LOD	Units	Action Level	Pass/Fail	Result

Pesticides

PASSED

Analysis Method - SOP-060 (R5)
Analytical Batch - DE003471PES
Instrument Used : Sciex 6500 Qtrap - Pesticides
Running on :

Reviewed On : 06/06/22 08:10:26
Batch Date : 06/02/22 08:52:45

Analyzed by:	Weight:	Extraction date:	Extracted by:
2080, 2318, 7, 2	0.1448g	06/03/22 06:25:02	2318

Dilution : 25
Reagent : 053122.R06; 060222.R01; 041322.R03; 052522.R10; 051322.R07
Consumables : 00322643; 1154419; 00322250-6; 114CB--114E; 304015242; 5079-525C6-525E
Pipette :

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5).

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Lab Director

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Kaycha Labs

WL-GAB-SGC50
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 : DE20531009-001
Harvest/Lot ID: 1440090
Batch# : 2022-189/SG-09521-B2
Sampled : 05/25/22
Ordered : 05/25/22

Sample Size Received : 8 ml
Total Batch Size : N/A
Completed : 06/06/22 **Expires:** 06/06/23
Sample Method : SOP-024

Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	4.2142	ppm	1000	PASS	ND
ETHYL ACETATE	2.7921	ppm	1000	PASS	ND
BUTANES	15.794	ppm	1000	PASS	ND
BENZENE	0.4749	ppm	2	PASS	ND
METHANOL	1.2786	ppm	600	PASS	<3.83604
HEPTANE	3.2594	ppm	1000	PASS	ND
PENTANES	13.828	ppm	1000	PASS	ND
TOLUENE	2.1088	ppm	180	PASS	ND
XYLENES	7.115	ppm	430	PASS	ND
ETHANOL	2.701	ppm	1000000	PASS	ND
ACETONE	1.708	ppm	1000	PASS	ND
2-PROPANOL	1.5875	ppm	1000	PASS	<4.76268
HEXANES	1.9279	ppm	60	PASS	ND

Solvents

PASSED

Analyzed by	Weight	Extraction date	Extracted By
2080, 666, 8	0.6133g	06/01/22 16:07:57	666

Analysis Method -SOP-032 (R18)
Analytical Batch -DE003466SOL
Instrument Used : GC 5890
Running On :
Batch Date : 06/01/22 09:01:11

Reviewed On - 06/03/22 12:05:27

Dilution : 1
Reagent : 052422.R01; 060122.R06
Consumables : 210316-361-B; 24160453; 33120320183106; 5079-525C6-525E
Pipette :
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-SGC50
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 : DE20531009-001
Harvest/Lot ID: 1440090
Batch# : 2022-189/SG-09521-B2
Sampled : 05/25/22
Ordered : 05/25/22

Sample Size Received : 8 ml
Total Batch Size : N/A
Completed : 06/06/22 **Expires:** 06/06/23
Sample Method : SOP-024

Microbial — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL YEAST AND MOLD	100	cfu/g	ND	PASS	10000
SHIGA TOXIN PRODUCING ESCHERICHIA COLI STEC	1	CFU	ND	PASS	1
SALMONELLA SPECIES	1	CFU	ND	PASS	1

Analysis Method - SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)
Analytical Batch - DE003469MIC
Instrument Used : Microbial - Full Panel
Running on : 06/01/22 16:54:43
Reviewed On : 06/04/22 12:42:50
Batch Date : 06/01/22 12:44:26

Analyzed by:	Weight:	Extraction date:	Extracted by:
2080, 2265, 1473, 5	1.81g	06/01/22 16:52:36	2265

Dilution : 1
Reagent : 031622.R01; 053122.R18; 052622.R01; 052322.R07; 032322.R01; 052322.R06; 041322.R15; 051722.R02; 051822.01; 052322.02; 110821.02; 032522.01; 110821.04; 033122.03; 060222.R04; 053122.R19; 052022.03
Consumables : 01859; CB1J04A91005; 61653-121C6-121H; 40898-021C4-021AI; 210622-688; NT10-1212; 0000002841; 0000004355; CH_2147106; 00107; 12265-115CC-115; 1
Pipette :

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.

Dilution : 1
Reagent : 031622.R01; 053122.R18; 052622.R01; 052322.R07; 032322.R01; 052322.R06; 041322.R15; 051722.R02; 051822.01; 052322.02; 110821.02; 032522.01; 110821.04; 033122.03; 060222.R04; 053122.R19; 052022.03
Consumables : 01859; CB1J04A91005; 61653-121C6-121H; 40898-021C4-021AI; 210622-688; NT10-1212; 0000002841; 0000004355; CH_2147106; 00107; 12265-115CC-115; 1
Pipette :

Heavy Metals — PASSED

Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC	0.002	ppm	0.005	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, 666, 8	0.6139g	06/02/22 11:33:07	666

Analysis Method -SOP-050 (R5)
Analytical Batch -DE003464HEA | Reviewed On - 06/03/22 11:27:08
Instrument Used : Shimadzu 2030 ICP-MS
Running On : | Batch Date : 05/31/22 15:35:33

Dilution : 50
Reagent : 082721.13; 052522.R02; 052522.R01; 062121.04; 071620.05; 052022.R01; 053122.01
Consumables : 210316-361-B; 114CB--114E; 12265-115CC-115; 234422
Pipette :

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).

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06/06/22
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