

Certificate of Analysis

Kaycha Labs RAW-ORGBS-CBD



Matrix: Concentrate

Sample: DE20118012-002 Harvest/Lot ID: 2020-O-RME-0004-0011

Batch#: N/A

Seed to Sale# 1A4000B00010D25000001110

Batch Date: 01/01/22

Sample Size Received: 7 ml Total Weight/Volume: N/A

Retail Product Size: 1 gram

Ordered: 01/13/22

sampled: 01/13/22 **Completed:** 01/25/22

Sampling Method: SOP-024

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Jan 25, 2022 | Hemplucid

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

hemplucid

PRODUCT IMAGE

SAFETY RESULTS







PASSED





Residuals Solvents PASSED



NOT TESTED



Water Activity





TESTED

CANNABINOID RESULTS



Total THC



Total CBD 70.334%



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
	ND	ND	ND	70.334	ND	ND	ND	0.972	ND	2.825	ND	ND	ND	ND	3.054	ND	ND	ND	ND	ND	ND
end.	ND	ND	ND	703.34	ND	ND	ND	9.72	ND	28.25	ND	ND	ND	ND	30.54	ND	ND	ND	ND	ND	ND
D	0.001	0.00070559	0.00219044	0.00333396	0.00125116	0.00205806	0.00192419	0.00183167	0.00401072	0.0148	0.000847945	0.00268886	0.000921807	0.000717378	0.00286194	0.000534	0.000910194	0.000458461	0.00210199	0.00116619	0.003403
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	96	%	%	%

Cannabinoid Profile Test

Analyzed by Weight Extraction date : Extracted By: 0.1432g 01/19/22 02:01:30

Analysis Method -SOP-020 (R15) Analytical Batch -DE002906POT

Reviewed On - 01/20/22 14:50:14

12265-115CC-115

Instrument Used: Agilent 1100 "Liger" Running On: 01/19/22 16:59:56

Reagent Dilution Consums. ID 122321.R02 11152021 200 011822.R08 ASO-8408 012022.R04 05821015 BG045 R1KB34782

Batch Date: 01/19/22 10:53:32

Consums. ID 234422 61596-112C6-112E

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.

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Stephen Goldman

Lab Director

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

01/25/22

Signature



Kaycha Labs

RAW-ORGBS-CBD





Certificate of Analysis

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

Sample : DE20118012-002

Harvest/Lot ID: 2020-O-RME-0004-0011

Batch#: N/A Sampled: 01/13/22 Ordered: 01/13/22

Result (%)

Sample Size Received: 7 ml Total Weight/Volume: N/A Completed: 01/25/22 Expires: 01/25/23

Sample Method: SOP-024

PASSED

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Terpenes

CAMPHENE

MYRCENE

P-CYMENE

LIMONENE

EUCALYPTOL

CIS-OCIMENE

BETA-PINENE

DELTA-3-CARENE

ALPHA-TERPINENE

ALPHA-PINENE

Terpenes

LOD(%) mg/ml

ND

ND

ND

ND

ND

ND

ND

ND

< 0.2

ND

ND

ND

ND

ND

ND

ND

ND

< 0.02

0.002

0.002

0.002

0.002

0.002

0.002

0.002

0.002

0.002

0.002

LOD(%)mg/ml % Result (%)



Reagent

Terpenes

TESTED

TESTED

Weight 0.1432a

Dilution

Extraction date 01/19/22 02:01:56

Extracted By

Reviewed On - 01/21/22 09:21:31

Analysis Method - SOP-067 (R0) Analytical Batch - DE002910TER Instrument Used : GC 6890 Running On: 01/19/22 17:29:50 Batch Date: 01/19/22 14:44:10

Consums, ID

11152021 1119999 00291464 R1KB34782 298076054 12211-108CC-108

Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0)

GAMMA-TERPINENE 0.002 ND ND 0.002 ND TERPINOLENE 0.002 ND ND LINALOOL (-)-ISOPULEGOL 0.002 ND ND 0.002 ND ND BORNEOL 0.002 ND ND MENTHOL 0.002 ND ND ALPHA-TERPINEOL PULEGONE 0.002 ND ND 0.002 ND ND GERANIOL 2-ETHYL-FENCHOL 0.002 ND 0.002 ND ND BETA-CARYOPHYLLENE HUMULENE 0.002 ND ND 0.002 ND ND BISABOLENE 0.002 ND ND NEROLIDOL 2.36 0.236 0.002 (-)-CARYOPHYLLENE OXIDE (-)-GUAIOL 0.002 1.36 0.136 (-)-ALPHA-BISABOLOL 0.002 6.76 0.676

Total (%)

1.048

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Stephen Goldman

Lab Director

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

01/25/22

Signature



Kaycha Labs

RAW-ORGBS-CBD

N/A



Matrix : Concentrate

H

PASSED

Hemplucid

4844 N. 300 W. Ste. 202 Provo, UT, 84604, US **Telephone:** 7192318261 **Email:** sarah@hemplucid.com **License#:** 405R-00011 Sample: DE20118012-002

Harvest/Lot ID: 2020-0-RME-0004-0011

Batch#: N/A Sampled: 01/13/22 Ordered: 01/13/22

Certificate of Analysis

Sample Size Received : 7 ml
Total Weight/Volume : N/A
Completed : 01/25/22 Expires: 01/25/23

Sample Method: SOP-024

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Pesticides

)

Pesticides	LOD 0.1	Units ppb	Action Level 100	Pass/Fail PASS	Result ND	Pesticides		LOD	Units Action Le	evel Pass/Fail Result
OTHER PESTICIDES	0.0271	ppb	70	PASS	ND	P-				0
ZOXYSTROBIN	0.0149	ppb	20	PASS	ND	F.	Pesticide	25		PASSED
FENAZATE	0.0145	ppb	20	PASS	ND	0	1 Cotician			
OXAZOLE	0.00645		10	PASS	ND					
AZALIL	0.0646	ppb	40	PASS	ND					
IDACLOPRID	0.00748	ppb	20	PASS	ND	Analyzed			ion date	Extracted By
ALATHION	0.01108	ppb	50	PASS	ND	1696	0.15		12:01:25	1696
CLOBUTANIL	0.0135	ppb	40	PASS	ND		lethod - SOP-060 Batch - DE00291			
RMETHRINS	0.0131	ppb	40	PASS	ND			600 Qtrap - Pesticide	oc .	
IROMESIFEN	0.0499	ppb	30	PASS	ND	Running O		oo Qirap - resticiat		: 01/20/22 08:38:23
IROTETRAMAT	0.0301	ppb	20	PASS	ND			nti-st.		
INOSADS	0.0134	ppb	60	PASS	ND	Reagent 010422.R0		Dilution 25	Consumables ID 11152021	
BUCONAZOLE	0.0103	ppb	10	PASS	ND	011822.R1		25	1119999	
DOGOTIALOLL		rr-				122721.R0			00291464	
						012022.R0			114CB114E	
						011222.R0			16564-106C6-106H	
						Pesticide so				single digit ppb concentration

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Stephen Goldman

Lab Director

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01/25/22

Signature



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Telephone: 7192318261

License#: 405R-00011

Email: sarah@hemplucid.com

Provo, UT, 84604, US



RAW-ORGBS-CBD

N/A



PASSED

Matrix : Concentrate

Certificate of Analysis

Sample : DE20118012-002

Harvest/Lot ID: 2020-O-RME-0004-0011

Batch#: N/A Sampled: 01/13/22 Ordered: 01/13/22 Sample Size Received : 7 ml
Total Weight/Volume : N/A
Completed : 01/25/22 Expires: 01/25/23
Sample Method : SOP-024

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Residual Solvents

PASSED

LOD	Unite	Action Lovel	Dace/Eail	Result
	Units			
4.21421	ppm	1000	PASS	ND
2.79218	ppm	1000	PASS	ND
15.794	ppm	1000	PASS	ND
0.47491	ppm	2	PASS	ND
1.27868	ppm	600	PASS	<3.836
3.25945	ppm	1000	PASS	ND
13.828	ppm	1000	PASS	ND
2.10881	ppm	180	PASS	ND
7.115	ppm	430	PASS	ND
2.70106	ppm	1000000	PASS	ND
1.708	ppm	1000	PASS	ND
1.58756	ppm	1000	PASS	ND
1.92798	ppm	60	PASS	ND
	15.794 0.47491 1.27868 3.25945 13.828 2.10881 7.115 2.70106 1.708 1.58756	4.21421 ppm 2.79218 ppm 15.794 ppm 0.47491 ppm 1.27868 ppm 3.25945 ppm 13.828 ppm 2.10881 ppm 7.115 ppm 2.70106 ppm 1.708 ppm 1.58756 ppm	4.21421 ppm 1000 2.79218 ppm 1000 15.794 ppm 1000 0.47491 ppm 2 1.27868 ppm 600 3.25945 ppm 1000 13.828 ppm 1000 2.10881 ppm 180 7.115 ppm 430 2.70106 ppm 10000000 1.708 ppm 1000 1.58756 ppm 1000	4.21421 ppm 1000 PASS 2.79218 ppm 1000 PASS 15.794 ppm 1000 PASS 0.47491 ppm 2 PASS 1.27868 ppm 600 PASS 3.25945 ppm 1000 PASS 13.828 ppm 1000 PASS 2.10881 ppm 180 PASS 7.115 ppm 430 PASS 2.70106 ppm 10000000 PASS 1.708 ppm 1000 PASS 1.58756 ppm 1000 PASS



Residual Solvents

PASSED

Analyzed by	Weight	Extraction date	Extracted By
7	0.1563g	01/19/22 02:01:35	/ X 7 X

Analysis Method -SOP-032 (R18) Analytical Batch -DE002907SOL Instrument Used : GC 5890 Running On : Batch Date : 01/19/22 11:17:42

Reviewed On - 01/20/22 13:00:00

Reagent	Dilution	Consumables ID
011922.R07	1	24160453
		31726-2-1
		16564-106C6-106

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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01/25/22

Signature



Kaycha Labs

RAW-ORGBS-CBD

N/A

Matrix : Concentrate



Certificate of Analysis

PASSED

Hemplucid

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Harvest/Lot ID: 2020-O-RME-0004-0011

Batch#: N/A Sampled: 01/13/22 Ordered: 01/13/22 Sample Size Received: 7 ml
Total Weight/Volume: N/A
Completed: 01/25/22 Expires: 01/25/23
Sample Method: SOP-024

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Microbials

PASSED



Heavy Metals

PASSED

Analyte	LOD	Result	Pass / Fail
TOTAL YEAST AND MOLD		not present in 1 gram.	PASS
SHIGA TOXIN PRODUCING ESCHERICHIA COLI STEC		not present in 1 gram.	PASS
SALMONELLA SPECIES		not present in 1 gram.	PASS
MICROBIALS		not present in 1 gram.	PASS

Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1) Analytical Batch -DE002905MIC Batch Date: 01/18/22 18:12:32

Instrument Used : Microbial - Full Panel Running On : 01/19/22 12:46:46

Analyzed by	Weight	Extraction date	Extracted By
1473	1 48a	01/19/22 10:01:24	1473

Metal	LOD	Unit	Result	Pass / Fail	Action Level
ARSENIC	0.0020	ppm	ND	PASS	0.2
CADMIUM	0.0016	ppm	ND	PASS	0.2
MERCURY	0.0035	ppm	ND	PASS	0.1
LEAD	0.0101	ppm	ND	PASS	0.5

Analyzed by	Weight	Extraction date	Extracted By
7	0.2263g	01/19/22 11:01:07	666

Analysis Method -SOP-050 (R5)

Analytical Batch -DE002904HEA | Reviewed On - 01/23/22 13:07:01

Instrument Used: Shimadzu 2030 ICP-MS

Running On: 01/21/22 16:12:44 | Batch Date: 01/18/22 16:00:35

Reagent Reagent	Reagent	Dilution	Consums. ID	Consums. ID	
011822.R09 121421.R08	122321.01	1	61596-112C6-112E	1	
011822.R07 123021.R04	022221.62		40898-021C4-021AI	20/08/30	

 011822.R07
 123021.R04
 022221.62
 40898-021C4-021AI
 20/08/30

 011122.R12
 121421.R09
 011722.R07
 0
 01860

 112921.R19
 082721.01
 011822.R10
 CB1F14A 91005
 00104

 121721.R06
 110821.04
 121421.09
 210622-688
 C_2142603

 101521.R04
 110821.02
 12265-115CC-115

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.

Reagent	Reagent	Dilution	Consums. ID
082721.13	010622.R05	50	210316-361-B
011722.R02	011822.06		114CB114E
011722.R01			12294-118CC-118
102121.03			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).

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01/25/22

Signature