



Certificate of Analysis

Sample: DE10205001-002
Harvest/Lot ID: ISO-00421-B1
Seed to Sale #1A400031269FB2B000000989
Batch Date : 01/04/21
Batch#: 2021-24A
Sample Size Received: 5 gram
Retail Product Size: 1
Ordered : 02/04/21
Sampled : 02/04/21
Completed: 02/10/21 Expires: 02/10/22
Sampling Method: SOP-024

Feb 10, 2021 | Hemplucid

License # NA
4844 N. 300 W. Ste. 202
Provo, CO, 84604, US



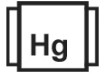
PASSED

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SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
NOT TESTED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Homogeneity
NOT TESTED



Terpenes
NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC
0.000%



Total CBD
99.774%



Total Cannabinoids
99.774%

CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBNA	CBC	THCA	CBCA	CBLA
ND	ND	ND	99.77%	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	997.74 mg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOD 0.00265 %	0.00070 %	0.00219 %	0.00333 %	0.00125 %	0.00205 %	0.00192 %	0.00183 %	0.00401 %	0.01480 %	0.00084 %	0.00268 %	0.00092 %	0.00071 %	0.00091 %	0.00286 %	0.00045 %	0.00210 %	0.00116 %

Cannabinoid Profile Test

Analyzed by : 8	Weight : 0.1365g	Extraction date : NA	Extracted By : NA
Analysis Method -SOP-020 (R15)	Reviewed On - 02/09/21 15:12:01	Batch Date : 02/08/21 11:57:07	
Analytical Batch -DE001484POT	Instrument Used : Agilent 1100 "Liger"	Running On : 02/08/21 19:30:55	

Reagent	Dilution	Consums. ID	Consums. ID
111620.12	400	24161320	5079-525C6-525E
011421.R06		9214065	
020521.R08		00302923	
020521.R07		ROBB28597	
		12054-036CC-036	
		923C4-923AK	

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

Signature

02/10/2021

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4844 N. 300 W. Ste. 202
Provo, CO, 84604, US
Telephone: 7192318261
Email: sarah@hemplucid.com
License #: NA

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Harvest/LOT ID: ISO-00421-B1

Batch# : 2021-24A

Sampled : 02/04/21

Ordered : 02/04/21

Sample Size Received : 5 gram

Completed : 02/10/21 Expires: 02/10/22

Sample Method : SOP-024


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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
OTHER PESTICIDES	0.1	ppb	100	ND
AVERMECTINS	0.0271	ppb	70	ND
AZOXYSTROBIN	0.0149	ppb	20	ND
BIFENAZATE	0.0118	ppb	20	ND
ETOXAZOLE	0.00645	ppb	10	ND
IMAZALIL	0.0646	ppb	40	ND
IMIDACLOPRID	0.00748	ppb	20	ND
MALATHION	0.01108	ppb	50	ND
MYCLOBUTANIL	0.0135	ppb	40	ND
PERMETHRINS	0.0131	ppb	40	ND
SPIINOSADS	0.0134	ppb	60	ND
SPIROMESIFEN	0.0499	ppb	30	ND
SPIROTETRAMAT	0.0301	ppb	20	ND
TEBUCONAZOLE	0.0103	ppb	10	ND



Pesticides

PASSED

Analyzed by 4	Weight 0.148g	Extraction date NA	Extracted By NA
Analysis Method - SOP-060 (R5) ,		Reviewed On - 02/08/21 08:00:48	
Analytical Batch - DE001467PES		Batch Date : 02/02/21 11:23:18	
Instrument Used : Sciex 6500 Qtrap - Pesticides			
Running On :			
Reagent	Dilution	Consums. ID	
012821.R12	25	24161320	
012821.R01		9214065	
012821.R02		00302923	
012821.R12		040CB-040D	
012821.R06		280674667	
		923C4-923AK	
		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). *

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Stephen Goldman
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405R-00011 405-00008
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Provo, CO, 84604, US
Telephone: 7192318261
Email: sarah@hemplucid.com
License #: NA

Sample : DE10205001-002

Harvest/LOT ID: ISO-00421-B1

Batch# : 2021-24A

Sampled : 02/04/21

Ordered : 02/04/21

Sample Size Received : 5 gram

Completed : 02/10/21 Expires: 02/10/22


Sample Method : SOP-024

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Residual Solvents

PASSED



Residual Solvents

PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
PROPANE	4.21421	ppm	1000	PASS	ND
BUTANES	15.794	ppm	1000	PASS	ND
METHANOL	1.27868	ppm	600	PASS	5.357
PENTANES	13.828	ppm	1000	PASS	ND
ETHANOL	2.70106	ppm	10000	PASS	<8.103
ACETONE	1.708	ppm	1000	PASS	<5.124
2-PROPANOL	1.58756	ppm	1000	PASS	44.700
HEXANES	1.92798	ppm	60	PASS	21.074
ETHYL ACETATE	2.79218	ppm	1000	PASS	ND
BENZENE	0.47491	ppm	2	PASS	ND
HEPTANE	3.25945	ppm	1000	PASS	ND
TOLUENE	2.10881	ppm	180	PASS	ND
XYLENES	7.115	ppm	430	PASS	ND

Analyzed by : 7
Weight : 0.1281g
Extraction date : NA
Extracted By : NA
Analysis Method -SOP-032 (R18)
Analytical Batch -DE001465SOL
Instrument Used : GC 5890
Running On :
Batch Date : 02/02/21 08:59:23
Reviewed On - 02/10/21 13:37:00

Reagent	Dilution	Consums. ID
020221.R07	1	24154674 170029-7 5079-525C6-525E HWK-TP3ML

Residual solvents screening is performed using GC which can detect below single digit ppm concentrations. Currently we analyze for 15 Residual solvents.

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Email: sarah@hemplucid.com
License #: NA

Sample : DE10205001-002

Harvest/LOT ID: ISO-00421-B1

Batch# : 2021-24A

Sampled : 02/04/21

Ordered : 02/04/21

Sample Size Received : 5 gram

Completed : 02/10/21 **Expires:** 02/10/22

Sample Method : SOP-024

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Mycotoxins

PASSED

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.303	ppb	ND	20
AFLATOXIN G1	0.180	ppb	ND	20
AFLATOXIN B2	0.0904	ppb	ND	20
AFLATOXIN B1	1.327	ppb	ND	20
OCHRATOXIN A+	0.0491	ppb	ND	20
AFLATOXINS		ppb	0.000	20

Analysis Method -SOP-060 (R5)

Analytical Batch -DE001469MYC | Reviewed On - 02/09/21 09:19:49

Instrument Used : Sciex 6500 Qtrap - Mycotoxins

Running On :

Batch Date : 02/03/21 09:42:08

Analyzed by	Weight	Extraction date	Extracted By
7	0.148g	NA	NA

Aflatoxins B1, B2, G1, G2, and Ochratoxin A testing using LC-MS via SOP-060 (R5). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be < 20µg/Kg. Ochratoxins must be < 5µg/Kg.



Heavy Metals

PASSED

Reagent	Reagent	Dilution	Consums. ID
111020.01	020221.R01	50	018C4-018D
020321.R04	020221.01		040CB-040D
020321.R03			12054-036CC-036
011521.01			923C4-923AK
071620.05			
012921.R05			

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.0020	ppm	ND	0.2
CADMIUM	0.0016	ppm	ND	0.2
MERCURY	0.0035	ppm	ND	0.1
LEAD	0.0101	ppm	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
7	0.2272g	02/05/21 02:02:09	666

Analysis Method -SOP-050 (R5)

Analytical Batch -DE001479HEA | Reviewed On - 02/06/21 12:21:53

Instrument Used : Shimadzu 2030 ICP-MS

Running On : 02/05/21 16:41:40

Batch Date : 02/05/21 08:50:17

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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Batch# : 2021-24A
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Sampled : 02/04/21
Completed : 02/10/21 **Expires:** 02/10/22
Ordered : 02/04/21
Sample Method : SOP-024

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	Filth	PASSED
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Analyzed By Weight Extraction date **LOD(ppm) Extracted By**
2 NA NA NA

Analysis Method -SOP.T.40.013 **Batch Date :**
Analytical Batch -NA **Reviewed On - 02/08/21 08:00:48**
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.

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