



Certificate of Analysis

Sample: DE10319018-001
Harvest/Lot ID: ISO-21820-MX2-B1
Seed to Sale #1A400031269FB2B000001127
Batch Date :08/05/20
Batch#: 2021-94B
Sample Size Received: 7 gram
Total Weight/Volume: N/A
Retail Product Size: 1 gram
Ordered : 03/19/21
sampled : 03/19/21
Completed: 03/26/21 Expires: 03/26/22
Sampling Method: SOP-024

Mar 26, 2021 | Hemplucid

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



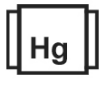
PASSED

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SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
NOT TESTED



Residuals Solvents
PASSED



Filtration
NOT TESTED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Homogeneity
NOT TESTED



Terpenes
NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC
0.000%



Total CBD
92.549%



Total Cannabinoids
92.782%

CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBNA	CBC	THCA	CBCA	CBLA
0.23%	ND	ND	92.55%	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2.32 mg/g	ND	ND	925.49 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 1253	Weight 0.1601g	Extraction date : 03/23/21 05:03:25	Extracted By : 667
Analysis Method -SOP-020 (R15)		Reviewed On - 03/25/21 11:03:04	Batch Date : 03/23/21 12:21:06
Analytical Batch -DE001652POT		Instrument Used : Agilent 1100 "Liger" Running On :	

Reagent	Dilution	Consums. ID	Consums. ID
111620.12	200	24161320	R08B28597
021921.R14		9234640	
032321.R07		00302923	
032021.R05		12123-046CC-046	
		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.

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

Signature

03/26/2021
Signed On



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Email: sarah@hemplucid.com
License #: NA

Sample : DE10319018-001

Harvest/LOT ID: ISO-21820-MX2-B1

Batch# : 2021-94B

Sampled : 03/19/21

Ordered : 03/19/21

Sample Size Received : 7 gram

Total Weight/Volume : N/A

Completed : 03/26/21 Expires: 03/26/22

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
SPIROSADS	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	Weight	Extraction date	Extracted By
7	0.1521g	NA	NA
<small>Analysis Method - SOP-060 (R5) , Analytical Batch : DE001648PES Instrument Used : Sciex 6500 Qtrap - Pesticides Running On :</small>			
<small>Batch Date : 03/23/21 07:07:29</small>			
Reagent	Dilution	Consums. ID	
<small>030921.R05</small>	25	<small>24161320</small>	
<small>031821.R09</small>		<small>9234640</small>	
<small>030921.R09</small>		<small>00302923</small>	
<small>023421.R06</small>		<small>280674667</small>	
<small>030421.R15</small>		<small>213685</small>	

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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Email: sarah@hemplucid.com
License #: NA

Sample : DE10319018-001
Harvest/LOT ID: ISO-21820-MX2-B1
Batch# : 2021-94B
Sampled : 03/19/21
Ordered : 03/19/21

Sample Size Received : 7 gram
Total Weight/Volume : N/A
Completed : 03/26/21 Expires: 03/26/22
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	4.271
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	26.549
HEXANES	1.92798	ppm	60	PASS	18.314
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 666 **Weight** 0.1932g **Extraction date** 03/20/21 11:03:55 **Extracted By** 7
Analysis Method -SOP-032 (R18)
Analytical Batch -DE001642SOL **Reviewed On - 03/22/21 13:41:17**
Instrument Used : GC 5890
Running On :
Batch Date : 03/20/21 08:58:46

Reagent	Dilution	Consums. ID
031821.R05	1	24160453 31726-2-1 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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License #: NA


Sample : DE10319018-001
Harvest/LOT ID: ISO-21820-MX2-B1
Batch#: 2021-94B
Sampled : 03/19/21
Ordered : 03/19/21

Sample Size Received : 7 gram
Total Weight/Volume : N/A
Completed : 03/26/21 Expires: 03/26/22
Sample Method : SOP-024

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Microbials **PASSED**



Heavy Metals **PASSED**

Analyte	LOD	Result
SALMONELLA SPECIES		not present in 1 gram.
SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI_STEC		not present in 1 gram.
TOTAL_YEAST_AND_MOLD		not present in 1 gram.

Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)
Analytical Batch -DE001645MIC Batch Date : 03/22/21
Instrument Used : Microbial - Full Panel
Running On : 03/23/21

Reagent	Dilution	Consums. ID
111020.01	50	018C4-018D
032321.R03		040CB-040D
032321.R02		12123-046CC-046
011521.01		923C4-923AK
031221.R08		
032221.01		

Analyzed by	Weight	Extraction date	Extracted By
5	1.77g	03/23/21	5

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

Reagent	Reagent	Reagent	Reagent	Consums. ID	Consums. ID
021221.03	022221.08	022321.R13	020821.01	40898-021C4-021AI	NT10-1212
022321.02	030421.R12	031821.R11	032521.R07	MKCN2192	040C7-0142
030421.R11	031821.R14	030521.R07	030121.04	12123-046CC-046	00100
021021.R12	032221.R06	121720.01	030121.05	0	00019
021021.R13	031621.R06	081220.03		06520022	CH_2048055
022221.07	032421.R05	100419.03		1	61464-041C6-041H

Analyzed by	Weight	Extraction date	Extracted By
7	0.2114g	03/23/21 02:03:02	666

Analysis Method -SOP-050 (R5)
Analytical Batch -DE001649HEA | Reviewed On - 03/24/21 08:38:46
Instrument Used : Shimadzu 2030 ICP-MS
Running On : 03/24/21 07:53:50
Batch Date : 03/23/21 08:21:39

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 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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