



Certificate of Analysis

Sample: DE20127009-001

Harvest/Lot ID: ISO-00422-B2

Batch#: 2021-706

Seed to Sale# 1A4000B00010D25000001147

Batch Date: 01/04/22

Sample Size Received: 7 gram

Total Weight/Volume: N/A

Retail Product Size: 1 gram

Ordered : 01/25/22

sampled : 01/25/22

Completed: 02/02/22

Sampling Method: SOP-024

PASSED

Page 1 of 5

Feb 02, 2022 | Hemplucid

License # 405R-00011

4844 N. 300 W. Ste. 202

Provo, UT, 84604, US



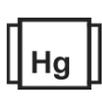
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
NOT TESTED



Residuals Solvents
PASSED



Filth
NOT TESTED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Homogeneity
NOT TESTED



Terpenes
TESTED

MISC.

CANNABINOID RESULTS



Total THC
ND



Total CBD
92.29%



Total Cannabinoids
92.577%

CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	CBDO	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBCA	CBLA	THC-O-ACETATE			
0.287	ND	ND	92.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
2.87	ND	ND	922.9	ND	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
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			

Cannabinoid Profile Test

Analyzed by 8	Weight 0.1567g	Extraction date : 01/28/22 02:01:42	Extracted By : 1642
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Analysis Method -SOP-020 (R15)	Reviewed On - 01/31/22 08:53:53	Batch Date : 01/28/22 10:47:22
Analytical Batch -DE002952POT	Instrument Used : Agilent 1100 "Liger"	Running On : 01/28/22 15:06:54

Reagent	Reagent	Dilution	Consums. ID	Consums. ID
011322.03	012822.R16	200	11152021	234422
122321.R02			1119999	5079-525C6-525E
012522.R09			00291464	
102221.R05			R1KB34782	
012622.R02			298076054	
012422.01			12211-108CC-108	

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

02/02/22

Signed On



Certificate of Analysis

PASSED

Hemplucid

Sample : DE20127009-001
Harvest/Lot ID: ISO-00422-B2

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

Batch# : 2021-706
Sampled : 01/25/22
Ordered : 01/25/22
Sample Size Received : 7 gram
Total Weight/Volume : N/A
Completed : 02/02/22 Expires: 02/02/23
Sample Method : SOP-024

Page 2 of 5

Terpenes				Result (%)	Terpenes				Result (%)																																																												
Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)																																																												
ALPHA-PINENE	0.002	ND	ND	[REDACTED]	<div style="border: 1px solid black; padding: 5px;">  <p style="text-align: center;">Terpenes</p> <p style="text-align: right;">TESTED</p> </div>																																																																
CAMPHENE	0.002	ND	ND		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Analyzed by</td> <td>Weight</td> <td>Extraction date</td> <td>Extracted By</td> </tr> <tr> <td>1542</td> <td>0.1567g</td> <td>01/28/22 04:01:51</td> <td>1542</td> </tr> <tr> <td colspan="2">Analysis Method - SOP-067 (R0)</td> <td colspan="2">Reviewed On - 01/31/22 14:05:16</td> </tr> <tr> <td colspan="2">Analytical Batch - DE002953TER</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Instrument Used : GC 6890</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Running On : 01/28/22 16:47:49</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Batch Date : 01/28/22 16:06:29</td> <td colspan="2"></td> </tr> <tr> <td>Reagent</td> <td>Dilution</td> <td colspan="2">Consums. ID</td> </tr> <tr> <td>012622.R02</td> <td>40</td> <td colspan="2">11152021</td> </tr> <tr> <td>012422.01</td> <td></td> <td colspan="2">1119999</td> </tr> <tr> <td></td> <td></td> <td colspan="2">00291464</td> </tr> <tr> <td></td> <td></td> <td colspan="2">210622-688</td> </tr> <tr> <td></td> <td></td> <td colspan="2">R1KB34782</td> </tr> <tr> <td></td> <td></td> <td colspan="2">298076054</td> </tr> <tr> <td></td> <td></td> <td colspan="2">12211-108CC-108</td> </tr> <tr> <td colspan="4">Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.</td> </tr> </table>	Analyzed by	Weight	Extraction date	Extracted By	1542	0.1567g	01/28/22 04:01:51	1542	Analysis Method - SOP-067 (R0)		Reviewed On - 01/31/22 14:05:16		Analytical Batch - DE002953TER				Instrument Used : GC 6890				Running On : 01/28/22 16:47:49				Batch Date : 01/28/22 16:06:29				Reagent	Dilution	Consums. ID		012622.R02	40	11152021		012422.01		1119999				00291464				210622-688				R1KB34782				298076054				12211-108CC-108		Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.			
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Total (%)

0



Certificate of Analysis

PASSED

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

Sample : DE20127009-001
Harvest/Lot ID: ISO-00422-B2

Batch# : 2021-706
Sampled : 01/25/22
Ordered : 01/25/22

Sample Size Received : 7 gram
Total Weight/Volume : N/A
Completed : 02/02/22 Expires: 02/02/23
Sample Method : SOP-024

Page 3 of 5



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	0.0149	ppb	20	PASS	ND
BIFENAZATE	0.0118	ppb	20	PASS	ND
ETOXAZOLE	0.00645	ppb	10	PASS	ND
IMAZALIL	0.0646	ppb	40	PASS	ND
IMIDACLOPRID	0.00748	ppb	20	PASS	ND
MALATHION	0.01108	ppb	50	PASS	ND
MYCLOBUTANIL	0.0135	ppb	40	PASS	ND
PERMETHRINS	0.0131	ppb	40	PASS	ND
SPIROMESIFEN	0.0499	ppb	30	PASS	ND
SPIROTETRAMAT	0.0301	ppb	20	PASS	ND
SPIROSADS	0.0134	ppb	60	PASS	ND
TEBUCHAZOLE	0.0103	ppb	10	PASS	ND



Pesticides

PASSED

Analyzed by	Weight	Extraction date	Extracted By
1696	0.1535g	01/28/22 01:01:39	1696
Analysis Method - SOP-060 (R5),			
Analytical Batch - DE002930PES			
Instrument Used : Sciex 6500 Qtrap - Pesticides			
Running On :		Batch Date : 01/24/22 14:48:03	
Reagent	Dilution	Consumables ID	
012222.R02	25	11152021	
011822.R17		A50-8408	
012422.R06		00291464	
012022.R02		040CB-040D	
011222.R01		16564-106C6-106H	

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
Lab Director

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



Signature

02/02/22

Signed On



Certificate of Analysis

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

Sample : DE20127009-001
Harvest/Lot ID: ISO-00422-B2
Batch# : 2021-706
Sampled : 01/25/22
Ordered : 01/25/22
Sample Size Received : 7 gram
Total Weight/Volume : N/A
Completed : 02/02/22 Expires: 02/02/23
Sample Method : SOP-024
Page 4 of 5


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	<1.424
METHANOL	1.27868	ppm	600	PASS	6.613
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	<8.103
ACETONE	1.708	ppm	1000	PASS	<5.124
2-PROPANOL	1.58756	ppm	1000	PASS	ND
HEXANES	1.92798	ppm	60	PASS	25.562



Residual Solvents

PASSED

Analyzed by	Weight	Extraction date	Extracted By
1253	0.153g	01/28/22 03:01:42	666

Analysis Method -SOP-032 (R18)
Analytical Batch -DE002949SOL
Instrument Used : GC 5890
Running On :
Batch Date : 01/28/22 08:50:46

Reviewed On - 01/31/22 12:32:38

Reagent	Dilution	Consumables ID
010822.R02	1	24160453
012822.R05		31726-2-1
		5079-525C6-525E
		210316-361-B

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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Stephen Goldman
 Lab Director

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 405-00008
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Signature

02/02/22

Signed On



Certificate of Analysis

PASSED

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Telephone: 7192318261
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Sample : DE20127009-001
Harvest/Lot ID: ISO-00422-B2

Batch# : 2021-706
Sampled : 01/25/22
Ordered : 01/25/22

Sample Size Received : 7 gram
Total Weight/Volume : N/A
Completed : 02/02/22 Expires: 02/02/23
Sample Method : SOP-024

Page 5 of 5

	Microbials	PASSED		Heavy Metals	PASSED
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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 -DE002951MIC Batch Date : 01/28/22 10:40:33
Instrument Used : Microbial - Full Panel
Running On : 01/28/22 16:00:07

Analyzed by	Weight	Extraction date	Extracted By
5	1.05g	01/28/22 04:01:15	5

Reagent	Reagent	Reagent	Reagent	Dilution	Consums. ID	Consums. ID
012622.R01	121721.R17	110821.02	082421.08	1	16564-106C6-106H	NT10-1212
012522.R04	011122.R17	122321.01	012522.R03		210622-688	00104
012722.R01	012422.R07	121521.31	013122.R06		0	01860
112921.R19	091421.R01	122921.01	012722.R02		20/08/30	C_2142603
121721.R06	082721.01	012522.01	121421.12		CB1F14A 91005	0000004355
101521.R04	110821.04	122221.01			1	2

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.

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	0.2033g	01/31/22 04:01:13	666

Analysis Method -SOP-050 (R5)
Analytical Batch -DE002954HEA | Reviewed On - 02/02/22 09:49:28
Instrument Used : Shimadzu 2030 ICP-MS
Running On : | Batch Date : 01/28/22 16:09:39

Reagent	Reagent	Dilution	Consums. ID
082721.13	012422.01	50	210316-361-B
102121.03			114CB--114E
071620.05			12294-118CC-118
012422.R08			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).