



# Certificate of Analysis

Sample: DE30117016-001  
Harvest/Lot ID: ISO-D239/D241-S62-33522-B1  
Batch#: 2022-697  
Seed to Sale# 1A4000B00010D25000002463  
Batch Date: 12/01/22  
Sample Size Received: 8 gram  
Total Amount: N/A  
Retail Product Size: N/A gram  
Ordered : 01/12/23  
Sampled : 01/12/23  
Completed: 01/23/23  
Sampling Method: N/A

**PASSED**

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Jan 23, 2023 | HempLucid

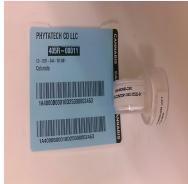
License # 405R-00011

4844 N. 300 W. Ste. 202  
Provo, UT, 84604, US



HempLucid

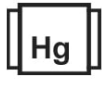
PRODUCT IMAGE



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 Testing  
NOT TESTED



Terpenes  
NOT TESTED

MISC.



**Cannabinoid**

**PASSED**



Total THC  
**ND**



Total CBD  
**92.6129%**



Total Cannabinoids  
**92.6129%**



	TOTAL 9IR /S1-HHC	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-ACE TATE
%	ND	ND	ND	ND	92.6129	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	ND	926.129	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOD	0.01	0.0015	0.001	0.0021	0.0014	0.0014	0.0012	0.0003	0.0013	0.0025	0.0148	0.0012	0.0023	0.0052	0.0014	0.001	0.0021	0.0018	0.0019	0.0001	0.001	0.0004
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
1642, 8, 2319, 2080

Weight:  
0.1247g

Extraction date:  
01/18/23 18:26:35

Extracted by:  
1642

Analysis Method : SOP-020 (R15)  
Analytical Batch : DE004788POT  
Instrument Used : Agilent 1100 "Falcon"  
Running on : 01/18/23 18:58:33

Reviewed On : 01/19/23 17:08:32  
Batch Date : 01/18/23 09:18:25

Dilution : 200  
Reagent : 092122.R21; 121022.R01; 011423.R05; 011323.R11; 011723.16  
Consumables : TSINOC040FG; HWK-TP3ML; 1346086; 00329334-6; 0000164728; 309011271; 220325059-D; 923C4-923AK; 5079-525C6-525E  
Pipette : N/A

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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**Dane Oberhill**  
Lab Director

State License # 405R-00011  
405-00008  
ISO 17025 Accreditation # 4331.01

  
Signature

01/23/23

Signed On



# Certificate of Analysis

**PASSED**

HempLucid

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Telephone: (385) 203-8556  
Email: compliance@hemplucid.com  
License # : 405R-00011

Sample : DE30117016-001  
Harvest/Lot ID: ISO-D239/D241-S62-33522-B1  
Batch# : 2022-697  
Sample Size Received : 8 gram  
Total Amount : N/A  
Sampled : 01/12/23  
Completed : 01/23/23 Expires: 01/23/24  
Ordered : 01/12/23  
Sample Method : SOP Client Method

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Pesticides		PASSED									
Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
AVERMECTINS	0.0271	ppb	100	PASS	ND	<b>Analyzed by:</b>	<b>Weight:</b>	<b>Extraction date:</b>			<b>Extracted by:</b>
AZOXYSTROBIN	0.014	ppb	20	PASS	ND	<b>7, 1253, 2080</b>	0.1518g	01/20/23 20:09:50			2318,7
BIFENAZATE	0.011	ppb	20	PASS	ND	<b>Analysis Method :</b> SOP-060 (R5)					
ETOXAZOLE	0.006	ppb	20	PASS	ND	<b>Analytical Batch :</b> DE004790PES					<b>Reviewed On :</b> 01/20/23 22:28:50
IMAZALIL	0.064	ppb	50	PASS	ND	<b>Instrument Used :</b> Sciex 6500 Qtrap "Felicia" - Pesticides					<b>Batch Date :</b> 01/18/23 10:35:03
IMIDACLOPRID	0.007	ppb	20	PASS	ND	<b>Running on :</b> 01/19/23 00:10:25					
MALATHION	0.011	ppb	20	PASS	ND	<b>Dilution :</b> 25					
MYCLOBUTANIL	0.013	ppb	20	PASS	ND	<b>Reagent :</b> 010423.R02; 011523.R02; 010823.R07; 011523.R01; 010823.R10; 120821.02; 010823.R09					
PERMETHRINS	0.0131	ppb	500	PASS	ND	<b>Consumables :</b> 080622-A; TSIN0C040FG; 1346086; 120CB-122E; 309011271; 5079-525C6-525E					
SPINOSADS	0.0134	ppb	100	PASS	ND	<b>Pipette :</b> N/A					
SPIROMESIFEN	0.049	ppb	3000	PASS	ND	Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5).					
SPIROTETRAMAT	0.03	ppb	20	PASS	ND						
TEBUCONAZOLE	0.01	ppb	50	PASS	ND						
OTHER PESTICIDES	0.1	ppb	100	PASS	ND						

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**Dane Oberhill**

Lab Director

State License # 405R-00011

405-00008

ISO 17025 Accreditation # 4331.01



Signature

01/23/23

Signed On



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Provo, UT, 84604, US  
Telephone: (385) 203-8556  
Email: compliance@hemplucid.com  
License #: 405R-00011

Sample : DE30117016-001  
Harvest/Lot ID: ISO-D239/D241-S62-33522-B1  
Batch#: 2022-697  
Sample Size Received : 8 gram  
Total Amount : N/A  
Sampled : 01/12/23  
Completed : 01/23/23 Expires: 01/23/24  
Ordered : 01/12/23  
Sample Method : SOP Client Method

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## Residual Solvents

**PASSED**

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	4.2142	ppm	1000	PASS	ND
BUTANES	5.468	ppm	1000	PASS	ND
METHANOL	1.2786	ppm	600	PASS	ND
PENTANES	6.671	ppm	1000	PASS	ND
ETHANOL	2.701	ppm	1000000	PASS	<8.10318
ACETONE	1.708	ppm	1000	PASS	<5.12401
2-PROPANOL	1.5875	ppm	1000	PASS	ND
HEXANES	1.9279	ppm	60	PASS	22.0174
ETHYL ACETATE	2.7921	ppm	1000	PASS	ND
BENZENE	0.4749	ppm	2	PASS	ND
HEPTANE	3.2594	ppm	1000	PASS	ND
TOLUENE	2.1088	ppm	180	PASS	ND
XYLENES	7.115	ppm	430	PASS	ND

Analyzed by: 666, 1642, 1253, 7, 2080	Weight: 0.1455g	Extraction date: 01/20/23 18:30:19	Extracted by: 1642
Analysis Method : SOP-032 (R18)		Reviewed On : 01/21/23 17:40:02	
Analytical Batch : DE004808SOL		Batch Date : 01/20/23 12:40:30	
Instrument Used : GC 5890			
Running on : 01/20/23 18:31:09			

Dilution : 1  
Reagent : 010923.R18; 012023.R06  
Consumables : 22483; 4569-104; 31726-5-1; 5079-525C6-525E  
Pipette : N/A

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



# Certificate of Analysis



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

Sample : DE30117016-001  
Harvest/Lot ID: ISO-D239/D241-S62-33522-B1  
Batch# : 2022-697  
Sample Size Received : 8 gram  
Total Amount : N/A  
Completed : 01/23/23 Expires: 01/23/24  
Ordered : 01/12/23  
Sample Method : SOP Client Method

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 <b>Microbial</b> <span style="float: right;"><b>PASSED</b></span>						 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Metal	LOD	Units	Result	Pass / Fail	Action Level
<b>TOTAL YEAST AND MOLD</b>	100	cfu/g	ND	PASS	10000	<b>ARSENIC</b>	0.002	ppm	0.072	PASS	0.2
<b>SHIGA TOXIN PRODUCING</b>	1	CFU	ND	PASS	1	<b>CADMIUM</b>	0.001	ppm	0.0239	PASS	0.2
<b>ESCHERICHIA COLI STEC</b>						<b>MERCURY</b>	0.003	ppm	ND	PASS	0.1
<b>SALMONELLA SPECIES</b>	1	CFU	ND	PASS	1	<b>LEAD</b>	0.01	ppm	<0.03	PASS	0.5
<b>ASPERGILLUS</b>	1	CFU	ND	PASS	1						
<b>Analyzed by:</b> 5, 7, 2080	<b>Weight:</b> 3.09g	<b>Extraction date:</b> 01/18/23 20:02:58	<b>Extracted by:</b> 5,2265			<b>Analyzed by:</b> 7, 1253, 2494, 2080	<b>Weight:</b> 0.2146g	<b>Extraction date:</b> 01/20/23 12:12:52	<b>Extracted by:</b> 1253		
<b>Analysis Method :</b> SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)						<b>Analysis Method :</b> SOP-050 (R5)					
<b>Analytical Batch :</b> DE004785MIC						<b>Analytical Batch :</b> DE004787HEA					
<b>Instrument Used :</b> Microbial - Full Panel						<b>Instrument Used :</b> Shimadzu 2030 ICP-MS "Alice"					
<b>Running on :</b> 01/18/23 18:28:19						<b>Running on :</b> 01/19/23 14:16:01					
<b>Reviewed On :</b> 01/23/23 18:58:56						<b>Reviewed On :</b> 01/20/23 16:30:11					
<b>Batch Date :</b> 01/17/23 19:47:21						<b>Batch Date :</b> 01/18/23 08:16:17					
<b>Dilution :</b> N/A						<b>Dilution :</b> 50					
<b>Reagent :</b> 010523.R07; 122722.R01; 011823.R18; 011223.R06; 011823.R12; 120822.R05; 112222.R03; 011423.R02; 102022.03; 011123.10; 101122.02; 080422.01; 011123.09; 080922.01; 020222.04						<b>Reagent :</b> 082721.13; 011823.R10; 011823.R09; 100422.02; 071620.05; 011023.R09; 011723.16					
<b>Consumables :</b> 61842-214C6-214H; 40898-021C4-021AI; 1; 12600-249CC-249; 2; NT10-1212; 3; 01859; 00106; 0000006025; CH 2241334; 0000004771; 40960-040C4-040AL; 4; 41141-130C4-130D; 5; 6; 7; 8; 9; RB-1050; MSB1001; P-21557211R; 10						<b>Consumables :</b> 22483; 12557-230CE-230C; 12600-249CC-249; 234422					
<b>Pipette :</b> N/A						<b>Pipette :</b> N/A					
<p>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).</p>											