



Certificate of Analysis

Sample: DE30516017-003
Harvest/Lot ID: OCO2-YP5-D172/D173-10223-1460F

Batch#: 2023-194
Seed to Sale# 1A4000B00010D25000002889
Batch Date: 04/12/23
Sample Size Received: 10 gram
Total Amount: 7500 gram
Retail Product Size: 1 gram
Ordered: 05/10/23
Sampled: 05/10/23
Completed: 05/20/23

TESTED

May 20, 2023 | HempLucid
License # 405R-00011
4844 N. 300 W. Ste. 202
Provo, UT, 84604, US



HempLucid

Pages 1 of 7

PRODUCT IMAGE	SAFETY RESULTS								MISC.	
	 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents PASSED	 Filtration PASSED	 Water Activity NOT TESTED	 Moisture NOT TESTED	 Homogeneity Testing NOT TESTED	 Terpenes TESTED

Cannabinoid **TESTED**



	TOTAL 9(R/S)-HHC	CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBCA	CBLA	THC-O-ACE TATE	
%	ND	ND	ND	ND	52.909	ND	ND	ND	0.2385	ND	1.9734	ND	ND	ND	1.5259	ND	ND	ND	ND	ND	ND	
mg/g	ND	ND	ND	ND	529.09	ND	ND	ND	2.385	ND	19.734	ND	ND	ND	15.259	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	0.0148	0.0012	0.0023	0.0052	0.0014	0.001	0.0021	0.0018	0.0019	0.0001	0.001	0.0004	
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 2813, 2950, 2319, 2080 Weight: 0.1761g Extraction date: 05/17/23 10:39:05 Extracted by: 2813
 Analysis Method : SOP-020 (R15) Reviewed On : 05/19/23 11:12:42
 Analytical Batch : DE005591POT Batch Date : 05/17/23 06:44:34
 Instrument Used : Agilent 1100 "Falcon"
 Analyzed Date : 05/17/23 16:34:18
 Dilution : 200
 Reagent : 041023.13; 051723.R01; 043023.01
 Consumables : 24168137; 1355147; 00336569; 0000164728; 303122060; 220607059D; 41141-130C4-130D; 118C6-118H
 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
05/20/23



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Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
ALPHA-PINENE	0.002	ND	ND		Analyzed by: 1642, 2791, 2319, 2863, 2080 Weight: 0.1761g Extraction date: 05/17/23 10:29:07 Extracted by: 2813 Analysis Method : SOP-067 (R0) Analytical Batch : DE005595TER Instrument Used : GC 6890 Analyzed Date : 05/17/23 15:04:46 Reviewed On : 05/18/23 13:35:25 Batch Date : 05/17/23 10:27:25 Dilution : 40 Reagent : 041023.13; 092419.01; 051723.R01 Consumables : 24168137; 1355147; 00336569; 0000164728; 308128093; 220607059D; 923C4-923AK; 118C6-118H Pipette : N/A <small>Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.</small>				
CAMPHENE	0.002	ND	ND						
BETA-PINENE	0.002	ND	ND						
MYRCENE	0.002	ND	ND						
DELTA-3-CARENE	0.002	ND	ND						
ALPHA-TERPINENE	0.002	ND	ND						
P-CYMENTHENE	0.002	ND	ND						
LIMONENE	0.002	ND	ND						
EUCALYPTOL	0.002	ND	ND						
CIS-OCIMENE	0.002	ND	ND						
GAMMA-TERPINENE	0.002	ND	ND						
TERPINOLENE	0.002	ND	ND						
LINALOOL	0.002	<0.2	<0.02						
(-)-ISOPULEGOL	0.002	ND	ND						
BORNEOL	0.002	ND	ND						
MENTHOL	0.002	ND	ND						
ALPHA-TERPINEOL	0.002	ND	ND						
PULEGONE	0.002	ND	ND						
GERANIOL	0.002	ND	ND						
2-ETHYL-FENCHOL	0.002	ND	ND						
BETA-CARYOPHYLLENE	0.002	1.693	0.1693						
HUMULENE	0.002	0.949	0.0949						
BISABOLENE	0.002	ND	ND						
NEROLIDOL	0.002	0.591	0.0591						
(-)-CARYOPHYLLENE OXIDE	0.002	ND	ND						
(-)-GUAIAOL	0.002	ND	ND						
(-)-ALPHA-BISABOLOL	0.002	ND	ND						
Total (%)			0.323						

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Sample : DE30516017-003

Harvest/Lot ID: OC02-YP5-D172/D173-10223-1460F

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Provo, UT, 84604, US

Telephone: (385) 203-8556

Email: compliance@hemplucid.com

License # : 405R-00011

Batch# : 2023-194

Sampled : 05/10/23

Ordered : 05/10/23

Sample Size Received : 10 gram

Total Amount : 7500 gram

Completed : 05/20/23 Expires: 05/20/24

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	0.0153	ppb	100	PASS	ND	Analyzed by: 953, 1253, 2319, 2080 Weight: 0.1464g Extraction date: 05/17/23 12:18:25 Extracted by: 1642,2813 Analysis Method : SOP-060 (R5) Analytical Batch : DE005585PES Instrument Used : Sciex 6500 Qtrap "Felicia" - Pesticides Analyzed Date : 05/19/23 12:37:05 Reviewed On : 05/20/23 16:20:01 Batch Date : 05/16/23 10:57:32 Diluent : 25 Reagent : N/A Consumables : N/A Pipette : N/A Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5).					
AZOXYSTROBIN	0.0094	ppb	20	PASS	ND						
BIFENAZATE	0.0917	ppb	20	PASS	ND						
ETOXAZOLE	0.0063	ppb	20	PASS	ND						
IMAZALIL	0.0857	ppb	50	PASS	ND						
IMIDACLOPRID	0.0068	ppb	20	PASS	ND						
MALATHION	0.0293	ppb	20	PASS	ND						
MYCLOBUTANIL	0.01	ppb	20	PASS	ND						
PERMETHRINS	0.0252	ppb	500	PASS	ND						
SPINOSADS	0.0015	ppb	100	PASS	ND						
SPIROMESIFEN	1.235	ppb	3000	PASS	ND						
SPIROTETRAMAT	0.0072	ppb	20	PASS	4.0783						
TEBUCONAZOLE	0.0073	ppb	50	PASS	ND						
OTHER PESTICIDES	0.1	ppb	100	PASS	ND						

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License # : 405R-00011

Batch# : 2023-194
Sampled : 05/10/23
Ordered : 05/10/23
Sample Size Received : 10 gram
Total Amount : 7500 gram
Completed : 05/20/23 Expires: 05/20/24
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	9.9782
ACETONE	1.708	ppm	1000	PASS	7.7281
2-PROPANOL	1.5875	ppm	1000	PASS	38.6655
HEXANES	1.9279	ppm	60	PASS	ND
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: 2863, 1253, 2080 Weight: 0.1790g Extraction date: 05/18/23 17:18:25 Extracted by: 2863

Analysis Method : SOP-032 (R18) Reviewed On : 05/19/23 13:04:29
 Analytical Batch : DE005593SOL Batch Date : 05/17/23 08:41:15
 Instrument Used : GC 5890
 Analyzed Date : 05/18/23 17:27:08

Dilution : 1
 Reagent : 051223.R09; 050623.R04
 Consumables : 23033; R2017.100; G201.100; 61899-311C6-311E
 Pipette : N/A

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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
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 Microbial PASSED						 Mycotoxins PASSED					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL YEAST AND MOLD	100	cfu/g	ND	PASS	10000	AFLATOXINS	0.0539	ppb	ND	PASS	20
SHIGA TOXIN PRODUCING			Not Present	PASS		AFLATOXIN B1	0.153	ppb	ND	PASS	20
ESCHERICHIA COLI STEC			Not Present	PASS		AFLATOXIN B2	0.0823	ppb	ND	PASS	20
SALMONELLA SPECIES			Not Present	PASS		AFLATOXIN G1	0.0539	ppb	ND	PASS	20
ASPERGILLUS			Not Present	PASS		AFLATOXIN G2	0.227	ppb	ND	PASS	20
						OCHRATOXIN A+	0.0117	ppb	ND	PASS	20
Analyzed by: 2792, 1473, 5, 2080	Weight: 1.47g	Extraction date: 05/17/23 12:48:38		Extracted by: 2951,2792		Analyzed by: 2791, 1253, 2319, 2080	Weight: 0.1464g	Extraction date: 05/17/23 12:24:57		Extracted by: 2813	
Analysis Method : SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)						Analysis Method : SOP-060 (R5)					
Analytical Batch : DE005589MIC						Analytical Batch : DE005586MYC					
Instrument Used : Microbial - Full Panel						Instrument Used : Sciex 6500 Qtrap "Felicia" - Mycotoxins					
Analyzed Date : 05/17/23 12:36:28						Analyzed Date : 05/19/23 16:51:09					
Reviewed On : 05/20/23 13:01:19						Reviewed On : 05/20/23 16:28:39					
Batch Date : 05/16/23 15:31:56						Batch Date : 05/16/23 10:59:24					
Dilution : N/A						Dilution : 25					
Reagent : 051023.R02; 051623.R08; 051523.R03; 050323.R05; 041023.R01; 040523.R04; 051523.R02; 051223.R07; 051023.R08; 042123.R06; 050223.R08; 051223.R06; 041323.R14; 042523.R04; 041123.06; 102022.03; 101122.02; 041523.01; 041323.07; 051823.R06; 051223.R17; 051223.R10; 051823.R14; 050923.03						Reagent : N/A					
Consumables : 61842-214C6-214H; 411171-135C4-135AI; 12607-302CC-302; 1; 211016-687-A; 2; 22148-CP69-22151; 3; 001111; 01859; CH_2241334; 4; 5; 6; 7; 8; 40960-040C4-040AL; 9; 10; 11; 12; 13; 14; MSB1001						Consumables : N/A					
Pipette : N/A						Pipette : N/A					

 Heavy Metals PASSED					
Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC	0.0048	ppm	ND	PASS	0.2
CADMIUM	0.0016	ppm	ND	PASS	0.2
MERCURY	0.0008	ppm	ND	PASS	0.1
LEAD	0.0039	ppm	ND	PASS	0.5
Analyzed by: 666, 2992, 2791, 2, 2080	Weight: 0.2302g	Extraction date: 05/17/23 09:57:45		Extracted by: 2992	
Analysis Method : SOP-050 (R5)					
Analytical Batch : DE005583HEA					
Instrument Used : Shimadzu 2030 ICP-MS "Alice"					
Analyzed Date : 05/17/23 15:59:15					
Reviewed On : 05/19/23 12:05:53					
Batch Date : 05/16/23 08:04:48					
Dilution : 50					
Reagent : 082721.13; 051623.R02; 051623.R01; 100422.02; 042823.04; 050923.R01; 043023.01					
Consumables : 23033; 11922032; 220607059D; 234422					
Pipette : N/A					
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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	Filth/Foreign Material	PASSED
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Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.3	detect/g	ND	PASS	0.9

Analyzed by: 2080, 2791	Weight: NA	Extraction date: N/A	Extracted by: N/A
----------------------------	---------------	-------------------------	----------------------

Analysis Method : N/A	Reviewed On : 05/19/23 09:14:06
Analytical Batch : DE005597FIL	Batch Date : 05/17/23 13:02:13
Instrument Used : N/A	
Analyzed Date : N/A	

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

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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COMMENTS

* Cannabinoid DE30516017-003POT

1 - Measurement Uncertainty for delta-9 THC (wt%, Concentrate) 95% interval : 0.07, Measurement Uncertainty for THCA (wt%, Concentrate) 95% interval : 0.05

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