



# Certificate of Analysis

Sample: DE30405018-001  
Harvest/Lot ID: ISO-D229/D240/D243/D245/S62-07523-B1  
Seed to Sale# 1A4000B00010D25000002696  
Sample Size Received: 10 gram  
Total Amount: 2000 gram  
Retail Product Size: 1 gram  
Ordered : 03/31/23  
Sampled : 03/31/23  
Completed: 04/11/23

**PASSED**

Apr 11, 2023 | HempLucid

License # 405R-00011

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



HempLucid

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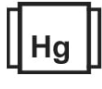
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**NOT TESTED**



Filth  
**PASSED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Homogeneity Testing  
**NOT TESTED**



Terpenes  
**NOT TESTED**

MISC.



**Cannabinoid**

**PASSED**



Total THC

**ND**

Total THC/Container : 0 mg



Total CBD

**88.5104%**

Total CBD/Container : 885.104 mg



Total Cannabinoids

**88.5104%**

Total Cannabinoids/Container : 885.104 mg

	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	88.5104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	ND	885.104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOD	0.01	0.0017	0.0014	0.0009	0.0021	0.0031	0.0006	0.0016	0.0044	0.0012	0.0025	0.0016	0.0034	0.0029	0.0014	0.0059	0.0047	0.0026	0.0011	0.0022	0.0021	
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 1642, 2319, 2791, 7, 2080

Weight: 0.1998g

Extraction date: 04/06/23 13:54:02

Extracted by: 2721,1642

Analysis Method : SOP-020 (R15)  
Analytical Batch : DE005329POT  
Instrument Used : Agilent 1100 "Liger"  
Analyzed Date : 04/06/23 16:27:43

Reviewed On : 04/11/23 14:23:54  
Batch Date : 04/06/23 07:08:31

Dilution : 200  
Reagent : 030623.18; 040323.R11; 012523.R09; 040623.R02  
Consumables : 080622-A; HWK-TP3ML; 1355147; 0000164728; 308128093; 12607-302CC-302; 923C4-923AK; 80000020520; 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.

Label Claim - **PASSED**

Analyte	LOD	Units	Pass/Fail	Result	Analyte	LOD	Units	Pass/Fail	Result
TOTAL CBG	0.001	mg	TESTED	ND	TOTAL CBN	0.001	mg	TESTED	ND

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**Dane Oberhill**  
Lab Director

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



Signature

04/11/23

Signed On



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**Hemplucid**

4844 N. 300 W. Ste. 202  
Provo, UT, 84604, US  
**Telephone:** (385) 203-8556  
**Email:** compliance@hemplucid.com  
**License # :** 405R-00011

**Sample :** DE30405018-001  
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**Total Amount :** 2000 gram  
**Completed :** 04/11/23 **Expires:** 04/11/24  
**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	<b>Analyzed by:</b> 2318, 7, 1642, 2080	<b>Weight:</b> 0.1474g	<b>Extraction date:</b> 04/06/23 16:14:03		<b>Extracted by:</b> 2318	
AZOXYSTROBIN	0.0094	ppb	20	PASS	ND	<b>Analysis Method :</b> SOP-060 (R5)				<b>Reviewed On :</b> 04/10/23 18:43:05	
BIFENAZATE	0.0917	ppb	20	PASS	ND	<b>Analytical Batch :</b> DE005330PES				<b>Batch Date :</b> 04/06/23 08:31:56	
ETOXAZOLE	0.0063	ppb	20	PASS	ND	<b>Instrument Used :</b> Sciex 6500 Qtrap "Felicia" - Pesticides					
IMAZALIL	0.0857	ppb	50	PASS	ND	<b>Analyzed Date :</b> 04/06/23 15:04:07					
IMIDACLOPRID	0.0068	ppb	20	PASS	ND	<b>Dilution :</b> 25					
MALATHION	0.0293	ppb	20	PASS	ND	<b>Reagent :</b> 032623.R05; 033023.R03; 031223.R13; 040623.R01; 040323.R10; 032923.R04; 032523.R05					
MYCLOBUTANIL	0.01	ppb	20	PASS	ND	<b>Consumables :</b> 080622-A; 1355147; 00336569-4; 114CB--114E; 0000164728; 118C6-118H					
PERMETHRINS	0.0252	ppb	500	PASS	ND	<b>Pipette :</b> N/A					
SPINOSADS	0.0015	ppb	100	PASS	ND	<b>Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5).</b>					
SPIROMESIFEN	1.235	ppb	3000	PASS	ND						
SPIROTETRAMAT	0.0072	ppb	20	PASS	ND						
TEBUCONAZOLE	0.0073	ppb	50	PASS	ND						
OTHER PESTICIDES	0.1	ppb	100	PASS	ND						

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**Dane Oberhill**

Lab Director

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Signature

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	<b>Microbial</b>	<b>PASSED</b>		<b>Mycotoxins</b>	<b>PASSED</b>
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Analyte	LOD	Units	Result	Pass / Fail	Action Level
<b>TOTAL YEAST AND MOLD</b>	100	cfu/g	ND	PASS	10000
<b>SHIGA TOXIN PRODUCING ESCHERICHIA COLI STEC</b>			Not Present	PASS	
<b>SALMONELLA SPECIES</b>			Not Present	PASS	
<b>Analyzed by:</b> 2792, 5, 2080	<b>Weight:</b> 0.51g	<b>Extraction date:</b> 04/06/23 13:33:09	<b>Extracted by:</b> 2792		
<b>Analysis Method :</b> SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)					
<b>Analytical Batch :</b> DE005327MIC <b>Reviewed On :</b> 04/11/23 12:49:20					
<b>Instrument Used :</b> Microbial - Full Panel <b>Batch Date :</b> 04/05/23 18:02:25					
<b>Analyzed Date :</b> 04/06/23 13:33:21					
<b>Dilution :</b> N/A					
<b>Reagent :</b> 033023.R09; 032123.R03; 033023.R12; 033023.R13; 032123.R04; 033023.R11; 032723.R20; 033023.R04; 040523.R03; 040523.R02; 040523.R04; 032723.R19; 040323.R14; 031323.R05; 032023.R15; 031523.01; 102022.04; 101122.02; 120922.01; 031923.01; 011123.09; 061622.49; 040823.R01; 032823.06; 040823.R04; 040423.R02					
<b>Consumables :</b> 61842-214C6-214H; 411171-135C4-135A1; 211113059-D; 1; 211016-687-A; 2; 22148-CP69-22151; 3; 00110; 01859; CH 2242085; 4; 5; 6; 40960-040C4-040AL; 7; 41141-130C4-130D; 8; 9; 10; 11; MSB1001; 12; RB-1050; 13; 14; 15; 0000006683					
<b>Pipette :</b> N/A					

Analyte	LOD	Units	Result	Pass / Fail	Action Level
<b>AFLATOXINS</b>	0.0539	ppb	ND	PASS	20
<b>AFLATOXIN B1</b>	0.153	ppb	ND	PASS	20
<b>AFLATOXIN B2</b>	0.0823	ppb	ND	PASS	20
<b>AFLATOXIN G1</b>	0.0539	ppb	ND	PASS	20
<b>AFLATOXIN G2</b>	0.227	ppb	ND	PASS	20
<b>OCHRATOXIN A+</b>	0.0117	ppb	ND	PASS	20
<b>Analyzed by:</b> 2318, 7, 1642, 2080	<b>Weight:</b> 0.1474g	<b>Extraction date:</b> 04/06/23 16:16:44	<b>Extracted by:</b> 2318,7		
<b>Analysis Method :</b> SOP-060 (R5)					
<b>Analytical Batch :</b> DE005331MYC <b>Reviewed On :</b> 04/10/23 18:53:29					
<b>Instrument Used :</b> Sciex 6500 Qtrap "Felicia" - Mycotoxins <b>Batch Date :</b> 04/06/23 08:35:05					
<b>Analyzed Date :</b> 04/06/23 15:04:37					
<b>Dilution :</b> 25					
<b>Reagent :</b> 032623.R05; 033023.R03; 031223.R13; 040623.R01; 040323.R10; 032923.R04; 032523.R05					
<b>Consumables :</b> 080622-A; 1355147; 114CB-114E; 0000164728; 118C6-118H					
<b>Pipette :</b> N/A					

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 &lt; 20µg/Kg. Ochratoxins must be &lt; 5µg/Kg.

	<b>Heavy Metals</b>	<b>PASSED</b>
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Metal	LOD	Units	Result	Pass / Fail	Action Level
<b>ARSENIC</b>	0.0048	ppm	ND	PASS	1.5
<b>CADMIUM</b>	0.0016	ppm	ND	PASS	0.5
<b>MERCURY</b>	0.0008	ppm	ND	PASS	1
<b>LEAD</b>	0.0039	ppm	ND	PASS	1
<b>Analyzed by:</b> 666, 8, 2080	<b>Weight:</b> 0.1833g	<b>Extraction date:</b> 04/09/23 10:17:45	<b>Extracted by:</b> 666		
<b>Analysis Method :</b> SOP-050 (R5)					
<b>Analytical Batch :</b> DE005325HEA <b>Reviewed On :</b> 04/10/23 11:31:52					
<b>Instrument Used :</b> Shimadzu 2030 ICP-MS "Alice" <b>Batch Date :</b> 04/05/23 17:04:14					
<b>Analyzed Date :</b> 04/09/23 16:12:33					
<b>Dilution :</b> 50					
<b>Reagent :</b> 082721.13; 032823.R02; 032823.R01; 100422.02; 020222.01; 032423.R06; 040923.R03; 040923.R02					
<b>Consumables :</b> 23033; 246CE-246E; 220607059D; 234422					
<b>Pipette :</b> 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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	<b>Filth/Foreign Material</b>	<b>PASSED</b>
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Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.3	detect/g	ND	PASS	3

Analysis by:	Weight:	Extraction date:	Extracted by:
N/A	NA	N/A	N/A

Analysis Method : N/A	Reviewed On : 04/08/23 11:12:04 Batch Date : N/A
Analytical Batch : N/A	
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.