



Certificate of Analysis

Sample: DE21013006-001
Harvest/Lot ID: ISO-25122-B1
Batch#: NO ASP - 2022-615
Seed to Sale# 1A4000B00010D25000002121
Batch Date: 09/08/22
Sample Size Received: 7 gram
Total Batch Size: N/A
Retail Product Size: 1 gram
Ordered : 10/06/22
Sampled : 10/06/22
Completed: 10/17/22
Sampling Method: N/A

Oct 17, 2022 | Hemplucid

License # 405R-00011

4844 N. 300 W. Ste. 202

Provo, UT, 84604, US



PASSED

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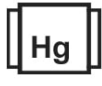
PRODUCT IMAGE



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
82.8098%



Total Cannabinoids
82.8098%



	TOTAL 9IR (S)-HHc	CBDV	CBDVA	CBG	CBD	CBDa	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBGA	CBLA	THC-O-ACE TATE
%	ND	ND	ND	ND	82.8098	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	ND	828.098	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
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analized by:
2229, 2319, 1642

Weight:
0.1599g

Extraction date:
10/14/22 14:32:50

Extracted by:
2319

Analysis Method : SOP-020 (R15)
Analytical Batch : DE004168POT
Instrument Used : Agilent 1100 "Falcon"
Running on : 10/14/22 19:05:23

Reviewed On : 10/17/22 18:26:16
Batch Date : 10/13/22 16:47:10

Dilution : 200
Reagent : 080522.07; 100622.R10; 092122.R21; 093022.R02; 101322.R06
Consumables : 426852; 1239135; 00322250; 0000164728; 309011271; 41141-130C4-130D; 5079-525C6-525E; 12253-111CC-111
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 Accreditation # 4331.01



Signature

10/17/22

Signed On



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

Sample : DE21013006-001
Harvest/Lot ID: ISO-25122-B1
Batch# : NO ASP - 2022-615
Sample Size Received : 7 gram
Sampled : 10/06/22
Total Batch Size : N/A
Ordered : 10/06/22
Completed : 10/17/22 Expires: 10/17/23
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	70	PASS	ND	Analyzed by: 2229, 2318, 7, 1253, 1642 Weight: 0.1484g Extraction date: 10/13/22 13:30:45 Extracted by: 2318 Analysis Method : SOP-060 (R5) Analytical Batch : DE004163PES Instrument Used : Sciex 6500 Qtrap "Felicia" - Pesticides Running on : 10/13/22 20:14:10 Reviewed On : 10/17/22 15:29:33 Batch Date : 10/13/22 10:58:53 Dilution : 25 Reagent : 100822.R02; 100822.R01; 093022.R07; 101122.R13; 101122.R06; 100122.R03; 091722.R01 Consumables : 00322643; 2083592; 00322250; 12537223CE223C; F2300-19; 5079-525C6-525E Pipette : N/A <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).</small>					
AZOXYSTROBIN	0.014	ppb	20	PASS	ND						
BIFENAZATE	0.011	ppb	20	PASS	ND						
ETOXAZOLE	0.006	ppb	10	PASS	ND						
IMAZALIL	0.004	ppb	40	PASS	ND						
IMIDACLOPRID	0.007	ppb	20	PASS	ND						
MALATHION	0.011	ppb	50	PASS	ND						
MYCLOBUTANIL	0.013	ppb	40	PASS	ND						
PERMETHRINS	0.0131	ppb	40	PASS	ND						
SPINOSADS	0.0134	ppb	60	PASS	ND						
SPIROMESIFEN	0.049	ppb	30	PASS	ND						
SPIROTETRAMAT	0.03	ppb	20	PASS	ND						
TEBUCONAZOLE	0.01	ppb	10	PASS	ND						
OTHER PESTICIDES	0.1	ppb	100	PASS	ND						

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Dane Oberhill

Lab Director

State License # 405R-00011
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10/17/22

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Provo, UT, 84604, US
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License # : 405R-00011

Sample : DE21013006-001
Harvest/Lot ID: ISO-25122-B1
Batch# : NO ASP - 2022-615
Sample Size Received : 7 gram
Total Batch Size : N/A
Sampled : 10/06/22
Completed : 10/17/22 Expires: 10/17/23
Ordered : 10/06/22
Sample Method : SOP Client Method

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Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
2-PROPANOL	1.5875	ppm	1000	PASS	ND
ACETONE	1.708	ppm	1000	PASS	<5.12401
BENZENE	0.4749	ppm	2	PASS	ND
BUTANES	5.468	ppm	1000	PASS	ND
ETHANOL	2.701	ppm	1000000	PASS	ND
ETHYL ACETATE	2.7921	ppm	1000	PASS	ND
HEPTANE	3.2594	ppm	1000	PASS	ND
HEXANES	1.9279	ppm	60	PASS	11.7086
METHANOL	1.2786	ppm	600	PASS	ND
PENTANES	6.671	ppm	1000	PASS	ND
PROPANE	4.2142	ppm	1000	PASS	ND
TOLUENE	2.1088	ppm	180	PASS	ND
XYLENES	7.115	ppm	430	PASS	ND

Analyzed by: N/A Weight: N/A Extraction date: N/A Extracted by: N/A

Analysis Method : SOP-032 (R18)
Analytical Batch : DE004166SOL
Instrument Used : GC 5890
Running on : 10/14/22 13:52:04

Reviewed On : 10/15/22 18:57:17
Batch Date : 10/13/22 12:52:36

Dilution : 1
Reagent : 093022.R03; 100722.R09
Consumables : 210316-361-B; C4020-20NL; 33120320183106; 61653-121C6-121H
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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
PASSED

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Completed : 10/17/22 Expires: 10/17/23
Ordered : 10/06/22
Sample Method : SOP Client Method

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 Microbial PASSED						 Heavy Metals PASSED					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL YEAST AND MOLD	100	cfu/g	ND	PASS	10000	ARSENIC	0.002	ppm	ND	PASS	0.2
SHIGA TOXIN PRODUCING	1	CFU	ND	PASS	1	CADMIUM	0.001	ppm	ND	PASS	0.2
ESCHERICHIA COLI STEC						MERCURY	0.003	ppm	ND	PASS	0.1
SALMONELLA SPECIES	1	CFU	ND	PASS	1	LEAD	0.01	ppm	ND	PASS	0.5
Analyzed by: 2229, 1473, 5, 7 Weight: 0.73g Extraction date: 10/17/22 15:49:51 Extracted by: 5						Analyzed by: 2229, 666, 8 Weight: 0.2153g Extraction date: 10/13/22 16:24:03 Extracted by: 666					
Analysis Method : SOP.T.40.043 Analytical Batch : DE004165MIC Instrument Used : Microbial - Full Panel Running on : 10/13/22 19:26:40						Analysis Method : SOP-050 (R5) Analytical Batch : DE004158HEA Instrument Used : Shimadzu 2030 ICP-MS "Alice" Running on : N/A					
Dilution : N/A Reagent : 101222.R03; 101222.R04; 101222.R14; 101022.R09; 092622.R14; 063022.R05; 081822.R04; 100622.R06; 100622.R07; 091622.R01; 040822.02; 040820.15; 060222.11; 081022.20; 101122.01; 082322.01; 080422.01; 030322.06; 120921.03 Consumables : 61653-121C6-121H; 40898-021C4-021A1; 1; 211108-071-B; 12253-111CC-111; NT10-1212; 00107; 01859; CH_2149141; 0000005302; 0000003320; 2 Pipette : N/A						Dilution : 50 Reagent : 082721.13; 101222.R02; 101222.R01; 100422.02; 071620.05; 100422.R05 Consumables : 210316-361-B; 12537223CE223C; 12551-229CD-229; 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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