



License No. 800025015
 FL License # CMTL-0003
 CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Hemplucid
 4844 N 300 W
 Provo, UT 84604

Batch # 1570006, 1640006
 Batch Date: 2021-06-08
 Extracted From: Hemp

Test Reg State: Florida

Order # HEM210608-010062
 Order Date: 2021-06-08
 Sample # AABL579

Sampling Date: 2021-06-10
 Lab Batch Date: 2021-06-10
 Completion Date: 2021-06-16

Initial Gross Weight: 23.170 g
 Net Weight: 13.144 g

Number of Units: 1
 Net Weight per Unit: 13144.000 mg



Product Image

Potency
 Tested



Potency - 11

Specimen Weight: 1527.900 mg

Tested
 (HPLC/LCMS)



Potency Summary

0.012%	Total THC	1.577mg	1.318%	Total CBD	173.238mg
0.003%	Total CBG	0.394mg	Total CBN None Detected		
0.005%	Other Cannabinoids	0.657mg	1.338%	Total Cannabinoids	175.867mg

Pieces For Panel: 5

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	1000.000	0.000054	0.001	13.180	1.318
Delta-9 THC	1000.000	0.000013	0.001	0.120	0.012
CBC	1000.000	0.000018	0.001	0.050	0.005
CBG	1000.000	0.000248	0.001	0.030	0.003
Delta-8 THC	1000.000	0.000026	0.001		<LOQ
THCV	1000.000	0.000007	0.001		<LOQ
CBN	1000.000	0.000014	0.001		<LOQ
CBGA	1000.000	0.00008	0.001		<LOQ
CBDV	1000.000	0.000065	0.001		<LOQ
CBDA	1000.000	0.00001	0.001		<LOQ
THCA-A	1000.000	0.000032	0.001		<LOQ

Xueli Gao Lab Toxicologist
 Ph.D., DABT

Aixia Sun Lab Director/Principal Scientist
 D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCVA, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCVA, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 5%



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Certificate of Analysis

Sample: **DE10617003-001**
 Harvest/Lot ID: **1570006, 1640006**
 Seed to Sale # **1A4000B000010D25000000303**
 Batch Date : **N/A**
 Batch#: **MO45142, MO45143**
 Sample Size Received: **4 units**
 Total Weight/Volume: **N/A**
 Retail Product Size: **12.5 gram**
 Ordered : **06/08/21**
 sampled : **06/08/21**
 Completed: **06/22/21** Expires: **06/22/22**
 Sampling Method: **SOP-024**

Jun 22, 2021 | Hemplucid

License #
4844 N. 300 W. Ste. 202
Provo, CO, 84604, US



PASSED

Page 1 of 2

PRODUCT IMAGE SAFETY RESULTS



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

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Stephen Goldman
Lab Director
State License #
405R-00011 405-00008
ISO Accreditation # 4331.01


Signature

06/22/21
Signed On



Certificate of Analysis

PASSED

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
Sample : DE10617003-001
Harvest/LOT ID: 1570006, 1640006
Batch# : MO45142,
MO45143
Sample Size Received : 4 units
Total Weight/Volume : N/A
Sampled : 06/08/21
Completed : 06/22/21 Expires: 06/22/22
Ordered : 06/08/21
Sample Method : SOP-024

Page 2 of 2



Microbials

PASSED



Heavy Metals

PASSED

Analyte	LOD	Result
TOTAL YEAST AND MOLD		not present in 1 gram.
SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI_STEC		not present in 1 gram.
SALMONELLA_SPECIES		not present in 1 gram.

Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)
Analytical Batch -DE002043MIC Batch Date : 06/17/21
Instrument Used : Microbial - Full Panel
Running On :

Analyzed by	Weight	Extraction date	Extracted By
6	3.86g	06/21/21	6

Reagent	Reagent	Reagent	Consums. ID	Consums. ID	Consums. ID
061621.R04	051121.R07	040221.01	1057-225-000	1	CH_2048639
061521.R09	060221.R10	061821.R02	40898-021C4-021A	NT10-1212	3
061521.R08	061621.R05	061621.R09	656767-E-23427	20/08/30	4
052021.R16	041521.01	061721.R06	05821015	2	
060821.R10	050521.02	051421.27	0	00019	
041421.R12	100419.03	022221.23	12123-046CC-046	00102	

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.

Reagent	Dilution	Consums. ID
042321.01	50	018C4-018D
062121.R02		040CB-040D
062121.R01		12123-047CC-047
062121.R03		923C4-923AK
061621.01		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.0020	ppm	ND	1.5
CADMIUM	0.0016	ppm	ND	0.5
MERCURY	0.0035	ppm	ND	1
LEAD	0.0101	ppm	ND	1

Analyzed by	Weight	Extraction date	Extracted By
7	0.2252g	06/21/21 12:06:06	666

Analysis Method -SOP-050 (R5)
Analytical Batch -DE002050HEA | Reviewed On - 06/22/21 09:34:19
Instrument Used : Shimadzu 2030 ICP-MS
Running On : 06/21/21 16:55:04
Batch Date : 06/21/21 08:27:49

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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