



Certificate of Analysis

Dec 24, 2020 | Hemplucid

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

hemplucid.

Sample: DE01218016-003

Harvest/Lot ID: 5530003

Seed to Sale #1A400031269FB2B000000863

Batch Date : 04/16/20

Batch#: 2020-410A

Sample Size Received: 5 gram

Retail Product Size: 0.6053

Ordered : 12/18/20

Sampled : 12/18/20

Completed: 12/24/20 Expires: 12/24/21

Sampling Method: SOP-024

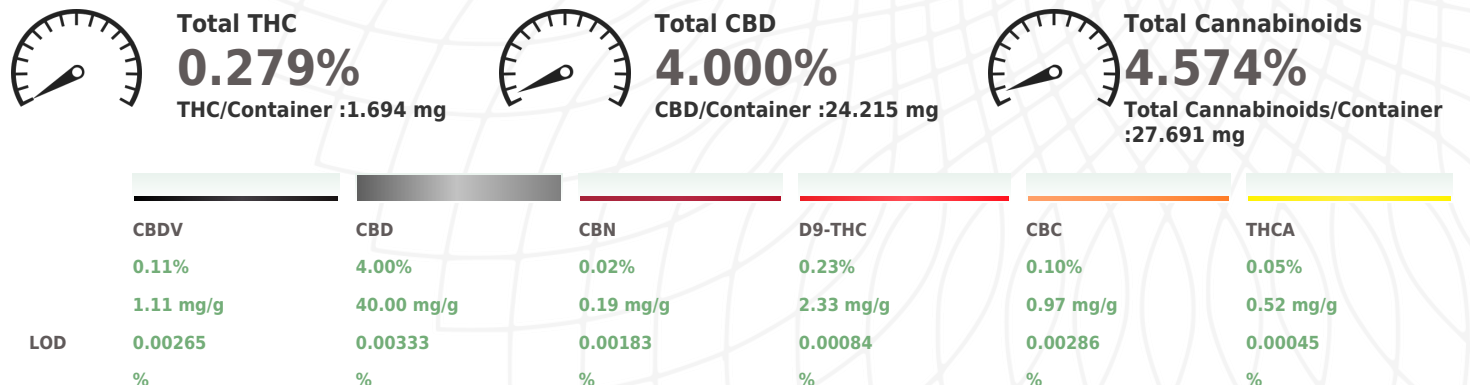
PASSED

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SAFETY RESULTS

									
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

CANNABINOID RESULTS



Cannabinoid Profile Test

Analyzed by 8	Weight 0.6053g	Extraction date : 12/22/20 03:12:17	Extracted By : 8
Analysis Method -SOP-020 (R15)		Reviewed On - 12/23/20 12:15:32	Batch Date : 12/21/20 15:46:29
Analytical Batch -DE001311POT		Instrument Used : Agilent 1100 "Liger" Running On :	
Reagent	Dilution	Consums. ID	Consums. ID
122719.04	40	092120	5079-525C6-525E
102020.R01		9212322	
121720.R08		00300153-7	
121820.R08		280674667	
		12054-036CC-036	
		923C4-923AK	

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.

This report shall not be reproduced, unless in its entirety, without written approval from Phytatech Labs. This report is an Phytatech Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Stephen Goldman

Lab Director

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



Signature

12/24/2020

Signed On



Certificate of Analysis

PASSED

Hemplucid

4844 N. 300 W. Ste. 202
Provo, CO, 84604, US
Telephone: 7192318261
Email: sarah@hemplucid.com
License #: NA

Sample : DE01218016-003

Harvest/LOT ID: 5530003

Batch# : 2020-410A

Sampled : 12/18/20

Ordered : 12/18/20

Sample Size Received : 5 gram

Completed : 12/24/20 Expires: 12/24/21

Sample Method : SOP-024

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	Microbials	PASSED
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	Heavy Metals	PASSED
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Analyte	LOD	Result	Reagent	Dilution	Consums. ID
SALMONELLA_SPECIES		not present in 1 gram.	121520.R11	50	040CB-040D
SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI_STEC		not present in 1 gram.	122120.01		12037-031CC-031
TOTAL_YEAST_AND_MOLD		not present in 1 gram.	111020.01		923C4-923AK

Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)	Analytical Batch -DE001307MIC	Batch Date : 12/21/20
Instrument Used : Microbial - Full Panel	Running On :	

Analyzed by	Weight	Extraction date	Extracted By
6	0.68g	12/24/20	6

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	0.6158g	12/22/20 02:12:01	7

Reagent	Reagent	Reagent	Reagent	Consums. ID	Consums. ID
121420.01	120820.R09	100419.03	121020.R11	61338-025C6-025H	NT10-1212
111520.R03	110620.R01	093020.01	122320.R12	40898-021C4-021AI	20/01/15 exp 02/15/2025
120120.R10	111920.R01	112020.02		MKCN2192	00100
122120.R05	120520.R02	100620.33		12054-036CC-036	00019
120320.01	100920.01	121420.03		06520022	CH_2047174
122120.R06	081220.02	121720.R06		0	

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.

Analysis Method -SOP-050 (R5)	Analytical Batch -DE001314HEA Reviewed On - 12/23/20 08:36:36
Instrument Used : Shimadzu 2030 ICP-MS	Running On :
Batch Date : 12/22/20 09:40:36	

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).