



# Certificate of Analysis

Dec 17, 2020 | Hemplucid

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

hemplucid.

Sample: DE01211014-007

Harvest/Lot ID: 8040003

Seed to Sale #1A400031269FB2B000000844

Batch Date : 12/08/20

Batch#: MO11126

Sample Size Received: 7 ml

Retail Product Size: 30 ml

Ordered : 12/11/20

Sampled : 12/11/20

Completed: 12/17/20 Expires: 12/17/21

Sampling Method: SOP-024

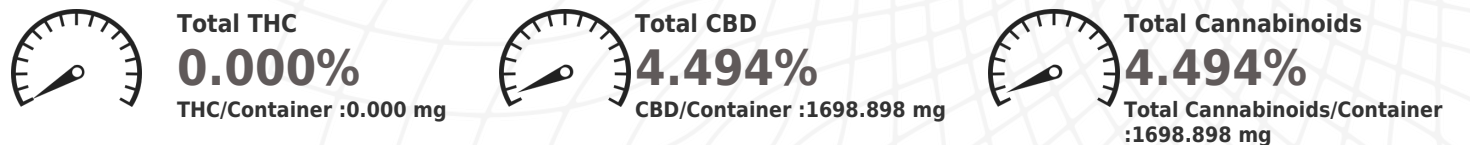
**PASSED**

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## SAFETY RESULTS

									
Pesticides NOT TESTED	Heavy Metals <b>PASSED</b>	Microbials <b>PASSED</b>	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



	CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBNA	CBC	THCA	CBCA	CBLA
	ND	ND	ND	4.49%	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	44.94 mg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOD	0.00265 %	0.00070 %	0.00219 %	0.00333 %	0.00125 %	0.00205 %	0.00192 %	0.00183 %	0.00401 %	0.01480 %	0.00084 %	0.00268 %	0.00092 %	0.00071 %	0.00091 %	0.00286 %	0.00045 %	0.00210 %	0.00116 %

## Cannabinoid Profile Test

Analyzed by 667	Weight 1.2318g	Extraction date : 12/11/20 05:12:43	Extracted By : 4
Analysis Method -SOP-020 (R15)	Reviewed On - 12/12/20 14:48:01	Batch Date : 12/11/20 11:53:44	
Analytical Batch -DE001276POT	Instrument Used : Agilent 1100 "Liger"	Running On : 12/11/20 16:20:13	

Reagent	Dilution	Consums. ID	Consums. ID
102020.R01	40	092120	12054-036CC-036
121020.R09		HWK-TP3ML	923C4-923AK
120820.R12		9212322	5079-525C6-525E
121120.R10		00300153-7	
122719.04		32719002	
120720.R02		280674667	

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	Result
TOTAL CBG		mg	ND
TOTAL CBN			ND

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

12/17/2020

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 :** DE01211014-007

**Harvest/LOT ID:** 8040003

**Batch# :** MO11126

**Sampled :** 12/11/20

**Ordered :** 12/11/20

**Sample Size Received :** 7 ml

**Completed :** 12/17/20 **Expires:** 12/17/21

**Sample Method :** SOP-024

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	<b>Microbials</b>	<b>PASSED</b>		<b>Heavy Metals</b>	<b>PASSED</b>
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Analyte			LOD	Result	Dilution	Consums. ID
SALMONELLA_SPECIES				not present in 1 gram.	50	018C4-018D
SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI_STEC				not present in 1 gram.		040CB-040D
TOTAL_YEAST_AND_MOLD				not present in 1 gram.		12054-036CC-036
						923C4-923AK
<b>Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)</b>						
<b>Analytical Batch -DE001282MIC Batch Date : 12/14/20</b>						
<b>Instrument Used : Microbial - Full Panel</b>						
<b>Running On : 12/17/20</b>						
Analyzed by	Weight	Extraction date	Extracted By			
5	3.56g	12/17/20	5			
Reagent	Reagent	Reagent	Consums. ID	Consums. ID		
120320.01	121420.R09	100419.03	40898-021C4-021AI	20/01/15 exp 02/15/2025		
111320.02	110620.R01	120120.R05	MKCN2192	00098		
120120.R04	111920.R01	100620.32	031CC-031	00019		
120120.01	090520.R02	100620.33	06520022	CH_2047174		
121420.R10	100920.01	120720.R01	0			
120820.R09	081220.02	121020.R11	NT10-1212			
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.						
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	0.2219g	12/14/20 11:12:16	666			
<b>Analysis Method -SOP-050 (R5)</b>						
<b>Analytical Batch -DE001279HEA   Reviewed On - 12/15/20 08:46:47</b>						
<b>Instrument Used : Shimadzu 2030 ICP-MS</b>						
<b>Running On : 12/14/20 16:30:42</b>						
<b>Batch Date : 12/14/20 08:28:58</b>						
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).						