



# Certificate of Analysis

Sample: DE01218016-005  
Harvest/Lot ID: 8600009  
Seed to Sale # 1A400031269FB2B000000865  
Batch Date : 12/09/20  
Batch#: MO1111  
Sample Size Received: 30 ml  
Retail Product Size: 30  
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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Dec 24, 2020 | Hemplucid

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



**SAFETY RESULTS**

SAFETY RESULTS									MISC.
									
Pesticides NOT TESTED	Heavy Metals <b>PASSED</b>	Microbials <b>PASSED</b>	Mycotoxins NOT TESTED	Residuals Solvents NOT TESTED	Filth 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

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 : DE01218016-005  
Harvest/LOT ID: 8600009


Batch# : MO1111  
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Sample Method : SOP-024

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**Microbials** **PASSED**



**Heavy Metals** **PASSED**

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	1.18g	12/24/20	6

Reagent	Reagent	Reagent	Reagent	Consums. ID	Consums. ID
121420.01	120820.R09	100419.03	121020.R11	61338-025C6-025H	NTI0-1212
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.

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	0.2013g	12/22/20 02:12:11	7

Analysis Method -SOP-050 (R5)  
Analytical Batch -DE001314HEA | Reviewed On - 12/23/20 08:38:35  
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).

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12/24/2020

Signed On