



Certificate of Analysis

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

Dec 24, 2020 | Hemplucid

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






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

	Total THC 0.279% THC/Container : 1.694 mg		Total CBD 4.000% CBD/Container : 24.215 mg		Total Cannabinoids 4.574% Total Cannabinoids/Container : 27.691 mg
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CBDV	CBD	CBN	D9-THC	CBC	THCA
0.11%	4.00%	0.02%	0.23%	0.10%	0.05%
1.11 mg/g	40.00 mg/g	0.19 mg/g	2.33 mg/g	0.97 mg/g	0.52 mg/g
LOD 0.00265 %	0.00333 %	0.00183 %	0.00084 %	0.00286 %	0.00045 %

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.

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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 : DE01218016-003
Harvest/LOT ID: 5530003


Batch# : 2020-410A
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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**



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	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

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	

Analyzed by	Weight	Extraction date	Extracted By
7	0.6158g	12/22/20 02:12:01	7

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

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.

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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