



Certificate of Analysis

Sample: DE01211014-003
Harvest/Lot ID: 8600009
Seed to Sale # 1A400031269FB2B000000840
Batch Date : 12/09/20
Batch#: MO-1111
Sample Size Received: 3 ml
Retail Product Size: 30 ml
Ordered : 12/10/20
Sampled : 12/10/20
Completed: 12/12/20 Expires: 12/12/21
Sampling Method: SOP-024

TESTED

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Dec 12, 2020 | Hemplucid

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



SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filtration	Water Activity	Moisture	Homogeneity	Terpenes
NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

CANNABINOID RESULTS

	Total THC 0.231% THC/Container : 76.994 mg		Total CBD 4.792% CBD/Container : 1595.838 mg		Total Cannabinoids 5.224% Total Cannabinoids/Container : 1739.636 mg
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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	4.79%	ND	ND	ND	0.01%	0.06%	ND	0.23%	ND	ND	ND	ND	0.13%	ND	ND	ND
ND	ND	ND	47.92 mg/g	ND	ND	ND	0.08 mg/g	0.63 mg/g	ND	2.31 mg/g	ND	ND	ND	ND	1.28 mg/g	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 %

Cannabinoid Profile Test

Analyzed by: 667 Weight: 1.1961g Extraction date: 12/11/20 05:12:28 Extracted By: 4

Analysis Method -SOP-020 (R15) Reviewed On - 12/12/20 14:51:25 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	
		32719002	
		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 - TESTED

Analyte	LOD	Units	Result
TOTAL CBG		mg	ND
TOTAL CBN		mg	2.538

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

Signature

12/12/2020
Signed On



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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Provo, CO, 84604, US



SAFETY RESULTS

SAFETY RESULTS									MISC.
									
Pesticides NOT TESTED	Heavy Metals PASSED	Microbials PASSED	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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12/24/2020
Signed On



Certificate of Analysis

PASSED

Hemplucid

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Provo, CO, 84604, US
Telephone: 7192318261
Email: sarah@hemplucid.com
License #: NA

Sample : DE01218016-005
Harvest/LOT ID: 8600009


Batch# : MO1111
Sampled : 12/18/20
Ordered : 12/18/20

Sample Size Received : 30 ml
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
SALMONELLA_SPECIES		not present in 1 gram.	121520.R11
SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI_STEC		not present in 1 gram.	122120.01
TOTAL_YEAST_AND_MOLD		not present in 1 gram.	111020.01

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

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