



Certificate of Analysis

Sample: DE10412003-012
Harvest/Lot ID: 5840009
Seed to Sale #1A4000B00010D25000000098
Batch Date :03/30/21
Batch#: MO31090
Sample Size Received: 5 ml
Total Weight/Volume: N/A
Retail Product Size: 30 ml
Ordered : 04/12/21
sampled : 04/12/21
Completed: 04/20/21 Expires: 04/20/22
Sampling Method: SOP-024

Apr 20, 2021 | 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 0.167% TOTAL THC/Container :57.882 mg		Total CBD 4.456% TOTAL CBD/Container :1537.517 mg		Total Cannabinoids 4.753% Total Cannabinoids/Container :1639.806 mg
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	CBDV	CBDVA	CBG	CBD	CBDa	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBCA	CBLA
	ND	ND	ND	4.46%	ND	ND	ND	ND	ND	ND	0.17%	ND	ND	ND	0.13%	ND	ND	ND	ND	ND
	ND	ND	ND	44.56 mg/g	ND	ND	ND	ND	ND	ND	1.67 mg/g	ND	ND	ND	1.28 mg/g	ND	ND	ND	ND	ND
LOD	0.00265 %	0.00100 %	0.00219 %	0.00002 %	0.00001 %	0.00205 %	0.00192 %	0.00000 %	0.00023 %	0.01480 %	0.00002 %	0.00268 %	0.00092 %	0.00071 %	0.00286 %	0.01290 %	0.00091 %	0.00001 %	0.00210 %	0.00116 %

Cannabinoid Profile Test

Analyzed by 667	Weight 0.1592g	Extraction date : 04/14/21 03:04:56	Extracted By : 1253
Analysis Method -SOP-020 (R15)	Reviewed On - 04/20/21 08:14:50	Batch Date : 04/14/21 11:28:20	
Analytical Batch -DE001748POT	Instrument Used : Agilent 1100 "Falcon" Running On :		

Reagent	Dilution	Consums. ID	Consums. ID
022421.R05	200	24161320	61292-019C6-019H
033121.R11		9234640	
041321.R08		AN042	
		ROBB28597	
		12123-046CC-046	
		40898-021C4-021A1	

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		mg	ND

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


Signature

04/20/2021
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 : DE10412003-012
Harvest/LOT ID: 5840009

Batch# : MO31090
Sampled : 04/12/21
Ordered : 04/12/21

Sample Size Received : 5 ml
Total Weight/Volume : N/A
Completed : 04/20/21 Expires: 04/20/22
Sample Method : SOP-024

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Microbials
PASSED



Heavy Metals
PASSED

Analyte	LOD	Result
TOTAL YEAST AND MOLD		not present in 1 gram.
SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI_STEC		not present in 1 gram.
SALMONELLA_SPECIES		not present in 1 gram.

Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)
Analytical Batch -DE001733MIC Batch Date : 04/11/21
Instrument Used : Microbial - Full Panel
Running On : 04/12/21

Analyzed by	Weight	Extraction date	Extracted By
6	1.76g	04/15/21	1473

Reagent	Reagent	Reagent	Reagent	Consums. ID	Consums. ID
031721.R08	040221.R14	100419.03	041421.R14	0	NT10-1212
021721.R05	040921.R03	040221.01	040821.R01	MKCN2192	2
040821.R02	030521.R07	033021.01	030121.10	40898-021C4-021AI	00019
031621.14	022321.R13	052620.04	030121.11	1	00100
040821.R03	021221.02	041321.R10		12123-046CC-046	CH_2048639
031821.R11	081220.03	040521.R01		040C7-0142	

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.

Reagent	Reagent	Dilution	Consums. ID
111020.01	040621.R12	50	018C4-018D
032321.01			040CB-040D
040921.R01			12123-046CC-046
040921.R02			923C4-923AK
011521.01			
071620.05			

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.0020	ppm	0.020	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
666	0.2217g	04/14/21 12:04:12	666

Analysis Method -SOP-050 (R5)
Analytical Batch -DE001747HEA | Reviewed On - 04/15/21 10:51:19
Instrument Used : Shimadzu 2030 ICP-MS
Running On : 04/14/21 16:27:31
Batch Date : 04/13/21 16:28:08

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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