



Certificate of Analysis

Sample: DE10416010-014
Harvest/Lot ID: 7160003
Seed to Sale #1A4000B00010D25000000153
Batch Date :03/02/21
Batch#: MO36737
Sample Size Received: 5 ml
Total Weight/Volume: N/A
Retail Product Size: 30 ml
Ordered : 04/16/21
sampled : 04/16/21
Completed: 04/24/21 Expires: 04/24/22
Sampling Method: SOP-024

Apr 24, 2021 | Hemplucid

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






TESTED

Page 1 of 2

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 0.000% TOTAL THC/Container :0.000 mg		Total CBD 2.303% TOTAL CBD/Container :663.388 mg		Total Cannabinoids 2.722% Total Cannabinoids/Container :784.019 mg
--	--	---	--	---	--

CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBCA	CBLA
0.26%	ND	0.06%	2.30%	ND	ND	ND	0.03%	0.16%	ND	ND	ND	ND	ND	0.08%	ND	ND	ND	ND	ND
2.63 mg/g	ND	0.60 mg/g	23.03 mg/g	ND	ND	ND	0.29 mg/g	1.55 mg/g	ND	ND	ND	ND	ND	0.79 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: 1253 Weight: 0.936g Extraction date: 04/20/21 01:04:49 Extracted By: 667

Analysis Method -SOP-020 (R15) Reviewed On - 04/21/21 11:43:52 Batch Date : 04/20/21 10:30:10
Analytical Batch -DE001771POT Instrument Used : Agilent 1100 "Falcor" Running On : 04/20/21 23:07:19

Reagent	Dilution	Consums. ID
111620.12 032321.01 022421.R05 041321.R09 042021.R03	41	24161320 9234640 00302923 ROBB28597 12104-042CC-042 21718010

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 TOTAL CBN		mg	18.134 8.757

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha 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

04/24/2021
Signed On



Certificate of Analysis

TESTED

Hemplucid

4844 N. 300 W. Ste. 202
Provo, CO, 84604, US
Telephone: 7192318261
Email: sarah@hemplucid.com
License #: NA

Sample : DE10416010-014
Harvest/LOT ID: 7160003

Batch#: M036737
Sampled : 04/16/21
Ordered : 04/16/21

Sample Size Received : 5 ml
Total Weight/Volume : N/A
Completed : 04/24/21 Expires: 04/24/22
Sample Method : SOP-024

Page 2 of 2



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 -DE001757MIC Batch Date : 04/15/21
Instrument Used :
Running On : 04/16/21

Analyzed by	Weight	Extraction date	Extracted By
6	1.44g	04/17/21	6

Reagent	Reagent	Reagent	Reagent	Consums. ID	Consums. ID
041421.R13	032621.R02	100419.03	022221.13	0	3
041321.R10	022321.R21	040221.01	030121.12	40898-021C4-021AI	NT10-1212
041621.R03	041521.R12	040221.02	041421.R14	MKCN2192	040C7-0142
022321.R13	041521.R11	031621.14	041621.R08	1	00019
041321.R05	021221.02	041321.02	030121.13	2	00100
041421.R12	081220.03	022321.02		12104-042CC-042	CH_2048639

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	Dilution	Consums. ID
042321.01	50	040CB-040D
071620.05		12104-042CC-042
041521.R05		923C4-923AK
042221.R11		
041421.01		

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	0.2326g	NA	NA

Analysis Method -SOP-050 (R5)
Analytical Batch -DE001797HEA | Reviewed On - 04/24/21 14:47:27
Instrument Used : Shimadzu 2030 ICP-MS
Running On :
Batch Date : 04/24/21 10:54:00

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).

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha 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

04/24/2021
Signed On