



Certificate of Analysis

Sample: DE10111010-001
Harvest/Lot ID: 9690003
Seed to Sale #1A400031269FB2B000000897
Batch Date :12/11/20
Batch#: MO10558
Sample Size Received: 3 ml
Retail Product Size: 30
Ordered : 01/07/21
Sampled : 01/07/21
Completed: 01/13/21 Expires: 01/13/22
Sampling Method: SOP-024

Jan 13, 2021 | Hemplucid

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



PASSED

Page 1 of 1

SAFETY RESULTS

Icon	Category	Result
	Pesticides	NOT TESTED
	Heavy Metals	NOT TESTED
	Microbials	NOT TESTED
	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

Parameter	Value	Unit
Total THC	0.301%	%
TOTAL THC/Container	86.960	mg
Total CBD	7.460%	%
TOTAL CBD/Container	2148.511	mg
Total Cannabinoids	8.297%	%
TOTAL Cannabinoids/Container	2389.615	mg

Compound	Value	Unit
CBDV	0.28%	%
CBDVA	ND	%
CBG	ND	%
CBD	7.46%	%
CBDA	ND	%
THCV	ND	%
CBGA	ND	%
CBN	0.03%	%
EXO-THC	ND	%
CBDQ	ND	%
D9-THC	0.30%	%
D8-THC	ND	%
CBL	ND	%
THCVA	ND	%
CBNA	ND	%
CBC	0.22%	%
THCA	ND	%
CBCA	ND	%
CBLA	ND	%

Compound	Value	Unit
CBDV	2.83	mg/g
CBDVA	ND	mg/g
CBG	ND	mg/g
CBD	74.60	mg/g
CBDA	ND	mg/g
THCV	ND	mg/g
CBGA	ND	mg/g
CBN	0.33	mg/g
EXO-THC	ND	mg/g
CBDQ	ND	mg/g
D9-THC	3.01	mg/g
D8-THC	ND	mg/g
CBL	ND	mg/g
THCVA	ND	mg/g
CBNA	ND	mg/g
CBC	2.19	mg/g
THCA	ND	mg/g
CBCA	ND	mg/g
CBLA	ND	mg/g

LOD	Value	Unit
CBDV	0.00265	%
CBDVA	0.00070	%
CBG	0.00219	%
CBD	0.00333	%
CBDA	0.00125	%
THCV	0.00205	%
CBGA	0.00192	%
CBN	0.00183	%
EXO-THC	0.00401	%
CBDQ	0.01480	%
D9-THC	0.00084	%
D8-THC	0.00268	%
CBL	0.00092	%
THCVA	0.00071	%
CBNA	0.00091	%
CBC	0.00286	%
THCA	0.00045	%
CBCA	0.00210	%
CBLA	0.00116	%

Cannabinoid Profile Test

Analyzed by: 8	Weight: 0.8541g	Extraction date: 01/11/21 06:01:42	Extracted By: 667
Analysis Method -SOP-020 (R15)		Reviewed On - 01/13/21 11:36:27	Batch Date : 01/11/21 14:26:14
Analytical Batch -DE001373POT		Instrument Used : Agilent 1100 "Liger" Running On :	

Reagent	Dilution	Consums. ID	Consums. ID
102020.R01	41	24161320	923C4-923AK
010721.R10		9212322	5079-525C6-525E
011121.R09		00302923	
		ROBB28597	
		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 - PASSED

Analyte	LOD	Units	Result
TOTAL CBG		mg	ND
TOTAL CBN		mg	9.924

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

01/13/2021
Signed On



Certificate of Analysis

Sample: DE10126014-001
Harvest/Lot ID: 9690003
Seed to Sale # 1A400031269FB2B000000934
Batch Date : 12/11/20
Batch#: MO10558
Sample Size Received: 1 units
Retail Product Size: 30
Ordered : 01/20/21
Sampled : 01/20/21
Completed: 01/31/21 Expires: 01/31/22
Sampling Method: SOP-024

PASSED

Page 1 of 2

Jan 31, 2021 | Hemplucid

License # NA
4844 N. 300 W. Ste. 202
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

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

01/31/2021
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 : DE10126014-001
Harvest/LOT ID: 9690003


Batch# : MO10558
Sampled : 01/20/21
Ordered : 01/20/21

Sample Size Received : 1 units
Completed : 01/31/21 Expires: 01/31/22
Sample Method : SOP-024

Page 2 of 2



Microbials **PASSED**



Heavy Metals **PASSED**

Analyte	LOD	Result	Reagent
SALMONELLA_SPECIES		not present in 1 gram.	111020.01
SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI_STEC		not present in 1 gram.	011521.01
TOTAL_YEAST_AND_MOLD		not present in 1 gram.	071620.05
			011321.R06
			011521.R17
			012621.R08

Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)
Analytical Batch -DE001437MIC Batch Date : 01/27/21
Instrument Used : Microbial - Full Panel
Running On : 01/27/21

Analyzed by	Weight	Extraction date	Extracted By
6	2.78g	01/27/21	5

Reagent	Reagent	Reagent	Consums. ID	Consums. ID
010621.R01	110620.R01	011621.03	61338-025C6-025H	NT10-1212
121520.R09	012621.R11	082720.34	40898-021C4-021AI	040C7-0142
012721.R02	120520.R02	012221.R11	MKCN2192	61464-041C6-041H
123020.17	112020.02	012721.R01	12054-036CC-036	00019
012621.R10	081220.02	012621.01	06520022	CH_2047174
012521.R05	100419.03		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.

Reagent	Dilution	Consums. ID
012621.R07	50	018C4-018D
		040CB-040D
		12054-036CC-036
		923C4-923AK

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	0.2115g	01/27/21 03:01:44	666

Analysis Method -SOP-050 (R5)
Analytical Batch -DE001435HEA | Reviewed On - 01/28/21 09:11:05
Instrument Used : Shimadzu 2030 ICP-MS
Running On : 01/27/21 15:25:28
Batch Date : 01/26/21 12:41:28

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 Phytatech Labs. This report is a Phytatech 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

01/31/2021

Signed On