



# Certificate of Analysis

Sample: DA00812009-002  
Harvest/Lot ID: 400021  
Seed to Sale #N/A  
Batch Date :N/A  
Batch#: RB-223  
Sample Size Received: 11 ml  
Retail Product Size: 30  
Ordered : 08/05/20  
Sampled : 08/05/20  
Completed: 08/17/20 Expires: 08/17/21  
Sampling Method: SOP Client Method

Aug 17, 2020 | Hemplucid

4484 N 300 W, Ste 202  
Provo, UT, 84604, United States



**PASSED**

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PRODUCT IMAGE 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

  
Terpenes  
NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC  
**0.051%**



Total CBD  
**1.031%**



Total Cannabinoids  
**1.136%**

CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
0.038%	1.031%	ND	ND	0.016%	ND	ND	ND	0.051%	ND	ND
0.380 mg/g	10.310 mg/g	ND	ND	0.160 mg/g	ND	ND	ND	0.510 mg/g	ND	ND
LOD 0.001 %	0.0001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.0001 %	0.001 %	0.001 %

Cannabinoid Profile Test

Analyzed by: 450 Weight: 3.0674g Extraction date: 08/12/20 01:08:34 Extracted By: 965  
Analysis Method -SOP.T.40.020, SOP.T.30.050 Reviewed On - 08/13/20 12:22:57  
Analytical Batch -DA014742POT Instrument Used : DA-LC-003 Batch Date : 08/12/20 12:22:05

Reagent	Dilution	Consums. ID
061220.24	400	280650306
080620.R23		918C4-918J
080620.R22		914C4-914AK
		929C6-929H

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

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.

Jorge Segredo  
Lab Director



Signature

08/17/2020

State License # CMTL-0002  
ISO Accreditation # 97164

Signed On



# Certificate of Analysis

**PASSED**

**Hemplucid**

4484 N 300 W, Ste 202  
Provo, UT, 84604, United States  
Telephone: 7192318261  
Email: sarah@hemplucid.com

Sample : DA00812009-002  
Harvest/LOT ID: 4000021

Batch# : RB-223  
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**Microbials**

PASSED

Hg

**Heavy Metals**

PASSED

**Analyte**

ASPERGILLUS\_FLAVUS  
ASPERGILLUS\_FUMIGATUS  
ASPERGILLUS\_NIGER  
ASPERGILLUS\_TERREUS  
ESCHERICHIA\_COLI\_SHIGELLA\_SPP  
SALMONELLA\_SPECIFIC\_GENE

**Result Reagent**

not present in 1 gram. 073120.R04  
not present in 1 gram. 081120.R18  
not present in 1 gram. 071320.08  
not present in 1 gram. 081020.R02  
not present in 1 gram. 080420.R23  
not present in 1 gram. 081220.R01

**Reagent**

081120.R14  
071420.R15  
071720.R03  
022520.03  
030420.06  
070120.01

**Dilution**

100

**Consums. ID**

89401-566

Analysis Method -SOP.T.40.043 / SOP.T.40.044

Analytical Batch -DA014720MIC Batch Date : 08/12/20

Instrument Used : PathogenDX PCR\_Array Scanner DA-111,PathogenDX PCR\_DA-171

Analyzed by	Weight	Extraction date	Extracted By
513	1.0405g	08/12/20	1082

Reagent	Consums. ID	Consums. ID	Consums. ID	Consums. ID
071020.19	181019-274	50AX30819	A07	2808006
101619.03	SG298A	850C6-850H	2807007	2811017
	11989-024CC-024	19423	2809005	
	181207119C	080717	2810014D	
	918C4-918J	2802019	029	
	914C4-914AK	2803029	2804026	

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

**Metal**

ARSENIC  
CADMIUM  
LEAD  
MERCURY

**LOD**

0.02  
0.02  
0.05  
0.02

**Unit**

PPM  
PPM  
PPM  
PPM

**Result**

ND  
ND  
ND  
ND

**Action Level (PPM)**

1.5  
0.5  
0.5  
3

Analyzed by	Weight	Extraction date	Extracted By
53	0.2509g	08/12/20 03:08:38	1783

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -DA014744HEA | Reviewed On - 08/14/20 10:35:52

Instrument Used : DA-ICPMS-001

Batch Date : 08/12/20 13:27:08

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

**Jorge Segredo**  
Lab Director



08/17/2020

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