



# Certificate of Analysis

Sample: DA00812011-002  
Harvest/Lot ID: 2000103  
Seed to Sale #N/A  
Batch Date :N/A  
Batch#: RB-232 (1-4)  
Sample Size Received: 11 ml  
Retail Product Size: 30  
Ordered : 08/07/20  
Sampled : 08/07/20  
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 <b>PASSED</b>	Microbials <b>PASSED</b>	Mycotoxins NOT TESTED	Residuals Solvents NOT TESTED	Filtration NOT TESTED	Water Activity NOT TESTED	Moisture NOT TESTED	Terpenes NOT TESTED

CANNABINOID RESULTS



Total THC  
**0.119%**



Total CBD  
**2.700%**



Total Cannabinoids  
**2.940%**

CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
0.084%	2.700%	ND	ND	0.037%	ND	ND	ND	0.119%	ND	ND
0.840 mg/g	27.000 mg/g	ND	ND	0.370 mg/g	ND	ND	ND	1.190 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 3.0115g	Extraction date : 08/12/20 02:08:27	Extracted By : 965
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 08/13/20 12:25:23	
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).

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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 : DA00812011-002  
Harvest/LOT ID: 2000103

Batch# : RB-232 (1-4) Sample Size Received : 11 ml  
Sampled : 08/07/20 Completed : 08/17/20 Expires: 08/17/21  
Ordered : 08/07/20 Sample Method : SOP Client Method

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**Microbials** **PASSED**



**Heavy Metals** **PASSED**

Analyte	Result	Reagent	Reagent	Dilution	Consums. ID
ASPERGILLUS_FLAVUS	not present in 1 gram.	073120.R04	081120.R14	100	89401-566
ASPERGILLUS_FUMIGATUS	not present in 1 gram.	081120.R18	071420.R15		
ASPERGILLUS_NIGER	not present in 1 gram.	071320.08	071720.R03		
ASPERGILLUS_TERREUS	not present in 1 gram.	081020.R02	022520.03		
ESCHERICHIA_COLI_SHIGELLA_SPP	not present in 1 gram.	080420.R23	030420.06		
SALMONELLA_SPECIFIC_GENE	not present in 1 gram.	081220.R01	070120.01		

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	1.0905g	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	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
LEAD	0.05	PPM	ND	0.5
MERCURY	0.02	PPM	ND	3

Analyzed by	Weight	Extraction date	Extracted By
53	0.2462g	08/12/20 03:08:58	1783

Analysis Method -SOP.T.40.050, SOP.T.30.052  
Analytical Batch -DA014744HEA | Reviewed On - 08/14/20 10:36:56  
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.

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**Jorge Segredo**  
Lab Director



08/17/2020

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