



Certificate of Analysis

Feb 15, 2022 | Veritas Farms

License # 405R-00011

8648 Lake Davis Road
Pueblo, CO, 81005, US

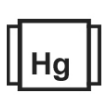
Sample: DE20210003-001
Harvest/Lot ID: CM1001272 exp 07/24
Batch#: CO HEMP - S-1000mg-CM-01.11.22
Seed to Sale# 1A4000B00010D25000001206
Batch Date: 01/27/22
Sample Size Received: 4 units
Total Weight/Volume: N/A
Retail Product Size: 57 gram
Ordered : 02/09/22
sampled : 02/09/22
Completed: 02/15/22
Sampling Method: SOP-024

PASSED

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PRODUCT IMAGE

SAFETY RESULTS

Pesticides
PASSED

Heavy Metals
PASSED

Microbials
PASSED

Mycotoxins
PASSED

Residuals
Solvents
PASSED

Filtration
PASSED

Water Activity
PASSED

Moisture
PASSED

Homogeneity
NOT TESTED

Terpenes
TESTED
CANNABINOID RESULTS

Total THC
0.085%

Total CBD
1.626%

Total Cannabinoids
1.884%

	CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBGA	CBLA	THC-O-ACETATE
%	0.056	ND	0.057	1.626	ND	ND	ND	0.003	0.016	ND	0.069	ND	<0.002	<0.002	0.057	ND	<0.002	ND	ND	ND	ND
mg/L	31.92	ND	32.49	926.82	ND	ND	ND	1.71	9.12	ND	39.33	ND	<1.14	<1.14	32.49	ND	<1.14	ND	ND	ND	ND
LOD	0.002	0.001	0.002	2.8E-5	1.1E-5	0.002	0.001	1.0E-6	0.000237	0.0148	2.2E-5	0.002	0	0	0.002	0.0129	0	1.0E-5	0.002	0.001	0.003
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by
8

Weight
1.0481g

Extraction date :
02/10/22 02:02:32

Extracted By :
1642

Analysis Method -SOP-020 (R15)

Reviewed On - 02/12/22 11:46:38

Batch Date : 02/10/22 10:30:14

Analytical Batch -DE003002POT

Instrument Used : Agilent 1100 "Falcon" Running On : 02/10/22 14:52:56

Reagent	Reagent	Dilution	Consums. ID	Consums. ID
011322.03	020722.01	40	11152021	234422
102221.R04			1119999	5079-525C6-525E
122021.R16			00291464	
020722.R11			R1KB34782	
020922.R07			298076054	
021022.R07			12211-108CC-108	

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.



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Sample : DE20210003-001
Harvest/Lot ID: CM1001272 exp 07/24

Batch# : CO HEMP -
 S-1000mg-CM-01.11.22

Sampled : 02/09/22

Ordered : 02/09/22

Sample Size Received : 4 units

Total Weight/Volume : N/A

Completed : 02/15/22 **Expires:** 02/15/23

Sample Method : SOP-024

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Terpenes

TESTED

Terpenes	LOD(%)	mg/unit	%	Result (%)
ALPHA-PINENE	0.002	133.38	0.234	
CAMPHENE	0.002	13.11	0.023	
BETA-PINENE	0.002	ND	ND	
MYRCENE	0.002	ND	ND	
DELTA-3-CARENE	0.002	66.12	0.116	
ALPHA-TERPINENE	0.002	< 0.2	< 0.02	
P-CYMENTHENE	0.002	38.19	0.067	
LIMONENE	0.002	132.24	0.232	
EUCALYPTOL	0.002	219.45	0.385	
CIS-OCIMENE	0.002	< 0.2	< 0.02	
GAMMA-TERPINENE	0.002	< 0.2	< 0.02	
TERPINOLENE	0.002	ND	ND	
LINALOOL	0.002	< 0.2	< 0.02	
(-)-ISOPULEGOL	0.002	ND	ND	
BORNEOL	0.002	ND	ND	
MENTHOL	0.002	1540.71	2.703	
ALPHA-TERPINEOL	0.002	< 0.2	< 0.02	
PULEGONE	0.002	ND	ND	
GERANIOL	0.002	ND	ND	
2-ETHYL-FENCHOL	0.002	ND	ND	
BETA-CARYOPHYLLENE	0.002	54.15	0.095	
HUMULENE	0.002	18.24	0.032	
BISABOLENE	0.002	ND	ND	
NEROLIDOL	0.002	< 0.2	< 0.02	
(-)-CARYOPHYLLENE OXIDE	0.002	43.89	0.077	
(-)-GUAIOL	0.002	21.66	0.038	
(-)-ALPHA-BISABOLOL	0.002	25.65	0.045	

Total (%) 4.047

Terpenes LOD(%) mg/unit% Result (%)


Terpenes

TESTED

Analyzed by 1542 **Weight** 1.0481g **Extraction date** 02/10/22 04:02:08 **Extracted By** 1542
Analysis Method - SOP-067 (R0)
Analytical Batch - DE003005TER
Instrument Used : GC 6890
Running On :
Batch Date : 02/10/22 16:25:37
Reviewed On - 02/11/22 12:49:26

Reagent	Dilution	Consums. ID
021022.R07	40	11152021 1119999 00291464 R1KB34782 298076054 12265-115CC-115

Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.



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Sample : DE20210003-001
Harvest/Lot ID: CM1001272 exp 07/24
Batch# : CO HEMP -
 S-1000mg-CM-01.11.22

Sampled : 02/09/22
Ordered : 02/09/22

Sample Size Received : 4 units

Total Weight/Volume : N/A

Completed : 02/15/22 **Expires:** 02/15/23

Sample Method : SOP-024

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Pesticides						PASSED					
Pesticides	LOD	Units	Action Level	Pass/Fail	Result	Pesticides	LOD	Units	Action Level	Pass/Fail	Result
OTHER PESTICIDES	0.1	ppb	100	PASS	ND	PASSED					
AVERMECTINS	0.0271	ppb	70	PASS	ND						
AZOXYSTROBIN	0.014	ppb	20	PASS	ND						
BIFENAZATE	0.011	ppb	20	PASS	ND						
ETOXAZOLE	0.006	ppb	10	PASS	ND						
IMAZALIL	0.064	ppb	40	PASS	ND						
IMIDACLOPRID	0.007	ppb	20	PASS	ND						
MALATHION	0.011	ppb	50	PASS	ND						
MYCLOBUTANIL	0.013	ppb	40	PASS	ND						
PERMETHRINS	0.0131	ppb	40	PASS	13.672						
SPIROMESIFEN	0.049	ppb	30	PASS	ND						
SPIROTETRAMAT	0.03	ppb	20	PASS	ND						
SPIROSADS	0.0134	ppb	60	PASS	ND						
TEBUCONAZOLE	0.01	ppb	10	PASS	ND						

Analyzed by 1696				Weight 0.146g				Extraction date 02/14/22 01:02:24				Extracted By 1696			
Analysis Method - SOP-060 (R5), Analytical Batch - DE003003PES								Reviewed On - 02/14/22 09:57:20							
Instrument Used : Sciex 6500 Qtrap - Pesticides Running On :								Batch Date : 02/10/22 14:25:08							
Reagent 020822.R02 020822.R01 020822.R03 020722.R08 011222.R01				Dilution 25				Consumables ID 24169051 ASO-8408 00291464 040CB-040D 298076054 16564-106C6-106H							

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5). *



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Harvest/Lot ID: CM1001272 exp 07/24

Batch# : CO HEMP -
 S-1000mg-CM-01.11.22

Sampled : 02/09/22

Ordered : 02/09/22

Sample Size Received : 4 units

Total Weight/Volume : N/A

Completed : 02/15/22 **Expires:** 02/15/23

Sample Method : SOP-024

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Residual Solvents

PASSED

Solvent	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	4.21421	ppm	1000	PASS	ND
ETHYL ACETATE	2.79218	ppm	1000	PASS	ND
BUTANES	15.794	ppm	1000	PASS	ND
BENZENE	0.47491	ppm	2	PASS	ND
METHANOL	1.27868	ppm	600	PASS	ND
HEPTANE	3.25945	ppm	1000	PASS	ND
PENTANES	13.828	ppm	1000	PASS	ND
TOLUENE	2.10881	ppm	180	PASS	ND
XYLENES	7.115	ppm	430	PASS	ND
ETHANOL	2.70106	ppm	1000000	PASS	8.333
ACETONE	1.708	ppm	1000	PASS	ND
2-PROPANOL	1.58756	ppm	1000	PASS	ND
HEXANES	1.92798	ppm	60	PASS	ND



Residual Solvents

PASSED

Analyzed by 666	Weight 0.1521g	Extraction date 02/14/22 11:02:31	Extracted By 666
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Analysis Method -SOP-032 (R18)
Analytical Batch -DE003012SOL
Instrument Used : GC 5890

Running On :
Batch Date : 02/12/22 11:21:45

Reviewed On - 02/15/22 12:48:48

Reagent 020522.R01	Dilution 1	Consumables ID 24160453 31726-2-1 16564-106C6-106H
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Residual solvents screening is performed using GCwhich can detect below single digit ppm concentrations. Currently we analyze for 15 Residual solvents.



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Harvest/Lot ID: CM1001272 exp 07/24
Batch# : CO HEMP -
 S-1000mg-CM-01.11.22
Sampled : 02/09/22
Ordered : 02/09/22

Sample Size Received : 4 units
Total Weight/Volume : N/A
Completed : 02/15/22 **Expires:** 02/15/23
Sample Method : SOP-024

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<div></div> <div>Microbials</div>				<div>PASSED</div>					
Analyte	LOD	Result	Pass / Fail	Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL YEAST AND MOLD		not present in 1 gram.	PASS	AFLATOXINS		ppb	0	PASS	20
SHIGA TOXIN PRODUCING ESCHERICHIA COLI STEC		not present in 1 gram.	PASS	MYCOTOXIN IS-1 (D9-PIPERONYL BUTOXIDE)		ppb	249.659	PASS	
SALMONELLA SPECIES		not present in 1 gram.	PASS	MYCOTOXIN IS-2 (D6-DICHLORVOS)		ppb	472.229	PASS	
MICROBIALS		not present in 1 gram.	PASS	MYCOTOXIN IS-3 (D4-THIAMETHOXAM)		ppb	200.608	PASS	
TOTAL AEROBIC		0	PASS	AFLATOXIN B1	1.327	ppb	ND	PASS	20
TOTAL COLIFORM		0	PASS	AFLATOXIN B2	0.09	ppb	ND	PASS	20
				AFLATOXIN G1	0.18	ppb	ND	PASS	20
				AFLATOXIN G2	0.303	ppb	ND	PASS	20
				OCHRATOXIN A+	0.049	ppb	ND	PASS	20
Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)				Analysis Method -SOP-060 (R5)					
Analytical Batch -DE003001MIC Batch Date : 02/10/22 10:29:46				Analytical Batch -DE003004MYC Reviewed On - 02/15/22 15:48:54					
Instrument Used : Microbial - Full Panel				Instrument Used : Sciex 6500 Qtrap - Mycotoxins					
Running On : 02/11/22 17:54:09				Running On : Batch Date : 02/10/22 14:25:20					
Analyzed by	Weight	Extraction date	Extracted By	Analyzed by	Weight	Extraction date	Extracted By		
5	35.84g	02/11/22 05:02:22	5	1696	0.146g	02/14/22 01:02:05	1696		
Reagent	Reagent	Reagent	Reagent	Dilution	Consums. ID				
020922.R05	091421.R01	122221.01	121421.15	1	CB1F14A 91005	00104			
021122.R02	122121.R07	121521.31	022221.66		210622-688	01860			
021122.R01	012822.R09	012522.01	011422.13		0	C_2142603			
112921.R19	120921.02	012822.R17			20/08/03	2			
121721.R06	110821.02	020722.R10			1				
101521.R04	122321.01	021022.R10			NT10-1212				
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.									

<div><div><div>Hg</div></div></div> <div>Heavy Metals</div>				<div>PASSED</div>			
Metal	LOD	Unit	Result	Pass / Fail	Action Level		
ARSENIC	0.002	ppm	ND	PASS	1.5		
CADMIUM	0.001	ppm	ND	PASS	0.5		
MERCURY	0.003	ppm	ND	PASS	1		
LEAD	0.01	ppm	<LOQ	PASS	1		
Analyzed by	Weight	Extraction date	Extracted By				
7	0.2162g	02/11/22 02:02:55	666				
Analysis Method -SOP-050 (R5)							
Analytical Batch -DE002998HEA Reviewed On - 02/12/22 12:54:48							
Instrument Used : Shimadzu 2030 ICP-MS							
Running On : Batch Date : 02/10/22 08:09:05							
Reagent	Reagent	Dilution	Consums. ID				
082721.13	020722.01	50	210316-361-B				
062121.04	021022.R02		114CB-114E				
071620.05	021022.R01		12294-118CC-118				
020222.R06			234422				
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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Batch# : CO HEMP -
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Sampled : 02/09/22
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Sample Size Received : 4 units
Total Weight/Volume : N/A
Completed : 02/15/22 **Expires:** 02/15/23
Sample Method : SOP-024

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Filth

PASSED

Analyzed By	Weight	Extraction date	LOD(ppm)	Extracted By
2	NA	NA		NA

Analysis Method -SOP.T.40.013 **Batch Date :**
Analytical Batch -NA **Reviewed On - 02/14/22 09:57:20**
Instrument Used :
Running On :

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is use for inspection.


Water Activity

PASSED

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
WATER ACTIVITY	1542	NA	NA	0 Aw	1Aw	0.265 aW
TEMPERATURE	1542	NA	NA	0		24.8 aW
				Celsius		

Analysis Method -SOP.T.40.010 **Batch Date : 02/11/22 08:32:02**
Analytical Batch -DE003007WAT **Reviewed On - 02/12/22 14:52:25**
Instrument Used : AquaLab Model Series 3 TE
Running On :


Moisture

PASSED

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
MOISTURE CONTENT	1	NA	NA	0 %	100%	1.518 %

Analysis Method -SOP.T.40.011 **Batch Date : 02/14/22 14:20:39**
Analytical Batch -DE003018MOI **Reviewed On - 02/15/22 13:39:16**
Instrument Used :