



Certificate of Analysis

Nov 20, 2021 | Veritas Farms

License # 405R-00011

8648 Lake Davis Road
Pueblo, CO, 81005, US

Sample: DE11116005-004

Harvest/Lot ID: CM4010281 exp 04/24

Batch#: MIC/TAC/TCCS-400mg-CM-10.27.21

Seed to Sale# 1A4000B00010D25000000823

Batch Date: 10/28/21

Sample Size Received: 4 units

Total Weight/Volume: N/A

Retail Product Size: 57 gram

Ordered: 11/12/21

sampled: 11/12/21

Completed: 11/20/21

Sampling Method: SOP-024

PASSED

Page 1 of 6

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

MISC.

CANNABINOID RESULTS



Total THC
0.027%



Total CBD
0.615%



Total Cannabinoids
0.717%

	CBDV	CBDVA	CBG	CBD	CBDa	THCV	CBGA	CBN	EXO-THC	CBDQ	D8-THC	D9-THC	CBL	THCVA	CBG	D10-THC	CBNA	THCA	CBGA	CBLA	THC-ACETATE
%	0.027	ND	0.02	0.015	ND	ND	ND	ND	0.007	ND	0.027	ND	ND	ND	0.021	ND	ND	ND	ND	ND	ND
ppm	0.27	ND	0.2	0.15	ND	ND	ND	ND	0.07	ND	0.27	ND	ND	ND	0.21	ND	ND	ND	ND	ND	ND
LOD	0.00265237	0.001	0.00219044	2.8E-5	1.1E-5	0.00205806	0.00192419	1.0E-6	0.000237	0.0148	2.2E-5	0.00268886	0.000921807	0.000717378	0.00286194	0.0129	0.000910194	1.0E-5	0.00210199	0.00116610	0.003403
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analysis by
1253

Weight
0.9904g

Extraction date :
11/17/21 02:11:24

Extracted By :
1253

Analysis Method -SOP-020 (R15)

Reviewed On - 11/18/21 12:55:02

Batch Date : 11/17/21 09:59:58

Analytical Batch -DE002682POT

Instrument Used : Agilent 1100 "Falcot"

Running On : 11/17/21 17:22:31

Reagent

111121.R05
111621.R12
111521.R11

Dilution

40

Consums. ID

07051275
BG045
210622-688
R1KB34782
298076054
12211-108CC-108

Consums. ID

923C4-923AK
5079-525C6-525E

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.

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 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

11/20/21

Signed On



Certificate of Analysis

PASSED
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 8648 Lake Davis Road
 Pueblo, CO, 81005, US
Telephone: (833) 691-4367
Email: abeye@theveritasfarms.com
License #: 405R-00011

Sample : DE1116005-004
Harvest/LOT ID: CM4010281 exp 04/24
Batch# : MIC/TAC/TCCS-400mg-
 CM-10,27,21

Sampled : 11/12/21

Ordered : 11/12/21

Sample Size Received : 4 units

Total Weight/Volume : N/A

Completed : 11/20/21 **Expires:** 11/20/22

Sample Method : SOP-024

Page 2 of 6



Terpenes

TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
ALPHA-PINENE	0.002	1.39	0.139						
CAMPHERE	0.002	< 0.2	< 0.02						
BETA-PINENE	0.002	ND	ND						
MYRCENE	0.002	ND	ND						
DELTA-3-CARENE	0.002	0.73	0.073						
ALPHA-TERPINENE	0.002	< 0.2	< 0.02						
P-CYMENTHENE	0.002	0.45	0.045						
LIMONENE	0.002	1.59	0.159						
EUCALYPTOL	0.002	2.77	0.277						
CIS-OCIMENE	0.002	ND	ND						
GAMMA-TERPINENE	0.002	< 0.2	< 0.02						
TERPINOLENE	0.002	ND	ND						
LINALOOL	0.002	ND	ND						
(-)-ISOPULEGOL	0.002	< 0.2	< 0.02						
BORNEOL	0.002	ND	ND						
MENTHOL	0.002	27.52	2.752						
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	0.38	0.038						
HUMULENE	0.002	< 0.2	< 0.02						
BISABOLENE	0.002	ND	ND						
NEROLIDOL	0.002	ND	ND						
(-)-CARYOPHYLLENE	0.002	0.54	0.054						
OXIDE									
(-)-GUAIOL	0.002	< 0.2	< 0.02						
(-)-ALPHA-BISABOLOL	0.002	< 0.2	< 0.02						
Total (%)		3.537							

Terpenes

TESTED

Analyzed by 1542 **Weight** 0.9904g **Extraction date** 11/18/21 10:11:37 **Extracted By** 1542
Analysis Method -SOP-067 (R0)
Analytical Batch -DE002688TER
Instrument Used : GC 6890
Running On : 11/18/21 16:46:23
Batch Date : 11/18/21 09:46:26
Reviewed On - 11/20/21 11:40:23

Reagent	Dilution	Consums, ID
111521.R11	40	07051275 1119999 B5045 298076054 R1A859720 12211-108CC-108

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 : DE11116005-004
Harvest/LOT ID: CM4010281 exp 04/24
Batch# : MIC/TAC/TCCS-400mg-
 CM-10,27,21

Sampled : 11/12/21

Ordered : 11/12/21

Sample Size Received : 4 units

Total Weight/Volume : N/A

Completed : 11/20/21 **Expires:** 11/20/22

Sample Method : SOP-024


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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
OTHER PESTICIDES	0.1	ppb	100	ND
AVERMECTINS	0.0271	ppb	70	ND
AZOXYSTROBIN	0.0149	ppb	20	ND
BIFENAZATE	0.0118	ppb	20	ND
ETOXAZOLE	0.00645	ppb	10	ND
IMAZALIL	0.0646	ppb	40	ND
IMIDACLOPRID	0.00748	ppb	20	ND
MALATHION	0.01108	ppb	50	ND
MYCLOBUTANIL	0.0135	ppb	40	ND
PERMETHRINS	0.0131	ppb	40	7.224
SPIROMESIFEN	0.0499	ppb	30	ND
SPIROTETRAMAT	0.0301	ppb	20	ND
SPINOSADS	0.0134	ppb	60	ND
TEBUCONAZOLE	0.0103	ppb	10	ND

Pesticides	LOD	Units	Action Level	Result
<div><div></div><div>Pesticides</div></div>				PASSED
Analyzed by 1696	Weight 0.1751g	Extraction date 11/17/21 10:11:09	Extracted By 1696	
Analysis Method - SOP-060 (R5) , Analytical Batch - DE002667PES			Reviewed On- 11/17/21 11:03:35	
Instrument Used : Sciex 6500 Qtrap - Pesticides Running On :			Batch Date : 11/15/21 08:37:48	
Reagent	Dilution	Consums. ID		
111521.001	25	07051275		
110621.001		1119999		
110271.010		80045		
110321.001		040CB-0400		
101821.009		213685		
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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Sample : DE11116005-004

Harvest/LOT ID: CM4010281 exp 04/24

Batch# : MIC/TAC/TCCS-400mg-
 CM-10,27,21

Sampled : 11/12/21

Ordered : 11/12/21

Sample Size Received : 4 units

Total Weight/Volume : N/A

Completed : 11/20/21 **Expires:** 11/20/22

Sample Method : SOP-024

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Residual Solvents
PASSED

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	8.252
ACETONE	1.708	ppm	1000	PASS	ND
2-PROPANOL	1.58756	ppm	1000	PASS	ND
HEXANES	1.92798	ppm	60	PASS	ND

Analyzed by
 1253

Weight
 0.1501g

Extraction date
 11/19/21 10:11:53

Extracted By
 1253

Analysis Method -SOP-032 (R18)
Analytical Batch -DE002679SOL
Reviewed On - 11/19/21 13:04:29
Instrument Used : GC 5890
Running On :
Batch Date : 11/16/21 15:57:18
Reagent
Dilution
Consums. ID

111121.R11

1

MKCN2192

111721.R14

24160453

31726-2-1

213685

Residual solvents screening is performed using GC which can detect below single digit ppm concentrations. Currently we analyze for 15 Residual solvents.



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Harvest/LOT ID: CM4010281 exp 04/24

Batch# : MIC/TAC/TCCS-400mg-
 CM-10,27,21

Sampled : 11/12/21

Ordered : 11/12/21


Sample Size Received : 4 units

Total Weight/Volume : N/A

Completed : 11/20/21 **Expires:** 11/20/22

Sample Method : SOP-024

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	Microbials	PASSED
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Analyte

 TOTAL_YEAST_AND_MOLD
 SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI_STEC
 SALMONELLA_SPECIES
 TOTAL_AEROBIC
 TOTAL_COLIFORM

LOD
Result

 not present in 1 gram,
 not present in 1 gram,
 not present in 1 gram,
 0
 0

Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)
Analytical Batch -DE002672MIC **Batch Date** : 11/16/21 09:23:09
Instrument Used : Microbial - Full Panel
Running On :

Analyzed by	Weight	Extraction date	Extracted By
6	2.62g	11/19/21 09:11:48	6

Reagent	Reagent	Reagent	Reagent	Dilution	Consums. ID	Consums. ID
110521.R08	111621.R02	111621.R11	022221.52	1	16564-106C6-106H	0
102121.R02	111021.01	111521.R04			40898-021C4-021AI	NT10-1212
101121.R06	081821.08	110921.06			210316-361-B	20/08/30
101521.R04	050521.02	102721.01			12265-115CC-115	00103
110221.R07	100419.03	082421.08			210622-688	01859
110221.R04	102021.21	091421.01			210622-687	CH 2054101

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.

	Mycotoxins	PASSED
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Analyte

 AFLATOXIN G2
 AFLATOXIN G1
 AFLATOXIN B2
 AFLATOXIN B1
 OCHRATOXIN A+
 AFLATOXINS

LOD

 0.303
 0.180
 0.0904
 1.327
 0.0491
 ppb

Units

 ppb
 ppb
 ppb
 ppb
 ppb
 ppb

Result

 ND
 ND
 ND
 ND
 ND
 0

Action Level

 20
 20
 20
 20
 20
 20

Analysis Method -SOP-060 (R5)

Analytical Batch -DE002668MYC | **Reviewed On** - 11/18/21 10:44:26

Instrument Used : Sciex 6500 Qtrap - Mycotoxins

Running On :

Batch Date : 11/15/21 08:41:29

Analyzed by	Weight	Extraction date	Extracted By
1696	0.1751g	11/17/21 10:11:15	1696

Aflatoxins B1, B2, G1, G2, and Ochratoxin A testing using LC-MS via SOP-060 (R5). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be < 20µg/Kg. Ochratoxins must be < 5µg/Kg.

	Heavy Metals	PASSED
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Reagent	Dilution	Consums. ID
082721.13	50	210316-361-B
102121.03		114CB-114E
110521.R02		12294-118CC-118
110821.01		234422
111521.R03		
111521.R02		

Metal	LOD	Unit	Result	Action Level
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	0.2186g	11/16/21 03:11:30	666

Analysis Method -SOP-050 (R5)

Analytical Batch -DE002665HEA | **Reviewed On** - 11/18/21 10:02:18

Instrument Used : Shimadzu 2030 ICP-MS

Running On : 11/16/21 15:38:51

Batch Date : 11/12/21 14:52:31

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# : MIC/TAC/TCCS-400mg-
 CM-10,27,21

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Sample Size Received : 4 units

Total Weight/Volume : N/A

Completed : 11/20/21 **Expires:** 11/20/22

Sample Method : SOP-024

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

Analysis Method -
 SOP.T.40.013

Batch Date :
Analytical Batch -NA
Reviewed On - 11/17/21 11:03:35

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	0 Aw	1Aw	0.218 aW
TEMPERATURE	1542	NA	0		21.02 aW
			Celsius		

Analysis Method -
 SOP.T.40.010

Batch Date : 11/16/21 13:03:27

Analytical Batch -
 DE002676WAT

Reviewed On - 11/17/21 07:48:56

Instrument Used : AquaLab Model Series 3 TE

Running On :

Moisture
PASSED

Analyte	Analyzed by	Weight Ext. date	LOD	A.L	Result
MOISTURE CONTENT	1542	NA	0.0 %	100%	2 %

Analysis Method -
 SOP.T.40.011

Batch Date : 11/17/21 15:03:24

Analytical Batch -
 DE002685MOI

Reviewed On - 11/17/21 15:23:34

Instrument Used :