



Certificate of Analysis

Nov 20, 2021 | Veritas Farms

License # 405R-00011

8648 Lake Davis Road
Pueblo, CO, 81005, US

Sample: DE11116005-001

Harvest/Lot ID: P5011081 exp 05/24

Batch#: MIC/TAC/TCCT-500mg-P-10.27.21

Seed to Sale# 1A4000B00010D25000000824

Batch Date: 11/08/21

Sample Size Received: 4 units

Total Weight/Volume: N/A

Retail Product Size: 30 gram

Ordered: 11/12/21

sampled: 11/12/21

Completed: 11/20/21

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

MISC.

CANNABINOID RESULTS



Total THC
0.066%



Total CBD
1.489%



Total Cannabinoids
1.73%

	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
%	0.051	ND	0.055	1.489	ND	ND	ND	ND	0.915	ND	0.066	ND	ND	ND	0.054	ND	ND	ND	ND	ND	ND
ppm	0.51	ND	0.55	14.89	ND	ND	ND	ND	0.15	ND	0.66	ND	ND	ND	0.54	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

Analyzed by
1253

Weight
1.0003g

Extraction date :
11/17/21 02:11:39

Extracted By :
1253

Analysis Method -SOP-020 (R15)

Reviewed On - 11/18/21 12:54:11

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

41

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.

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Stephen Goldman
Lab Director

State License #
405R-00011 405-00008
ISO Accreditation # 4331.01


Signature

11/20/21

Signed On



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Veritas Farms

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

Sample : DE11116005-001
Harvest/LOT ID: P5011081 exp 05/24
Batch# : MIC/TAC/TCCT-500mg- **Sample Size Received :** 4 units
 P-10,27,21 **Total Weight/Volume :** N/A

Sampled : 11/12/21

Ordered : 11/12/21

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

Sample Method : SOP-024

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Terpenes

TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
ALPHA-PINENE	0.002	< 0.2	< 0.02						
CAMPENE	0.002	ND	ND						
BETA-PINENE	0.002	< 0.2	< 0.02						
MYRCENE	0.002	ND	ND						
DELTA-3-CARENE	0.002	ND	ND						
ALPHA-TERPINENE	0.002	< 0.2	< 0.02						
P-CYMENE	0.002	ND	ND						
LIMONENE	0.002	0.34	0.034						
EUCALYPTOL	0.002	0.57	0.057						
CIS-OCIMENE	0.002	ND	ND						
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	4.36	0.436						
ALPHA-TERPINEOL	0.002	ND	ND						
PULEGONE	0.002	< 0.2	< 0.02						
GERANIOL	0.002	ND	ND						
2-ETHYL-FENCHOL	0.002	ND	ND						
BETA-CARYOPHYLLENE	0.002	1.49	0.149						
HUMULENE	0.002	0.38	0.038						
BISABOLENE	0.002	ND	ND						
NEROLIDOL	0.002	< 0.2	< 0.02						
(-)-CARYOPHYLLENE	0.002	0.26	0.026						
OXIDE									
(-)-GUAIOL	0.002	0.37	0.037						
(-)-ALPHA-BISABOLOL	0.002	0.47	0.047						
Total (%)		0.824							

Terpenes

TESTED

Analyzed by 1542 **Weight** 1.0003g **Extraction date** 11/18/21 10:11:13 **Extracted By** 1542
Analysis Method -SOP-067 (R0)
Analytical Batch -DE002688TER
Instrument Used : GC 6890
Running On : 11/18/21 18:46:23
Batch Date : 11/18/21 09:46:26
Reviewed On - 11/20/21 11:39:35

Reagent	Dilution	Consums. ID
111521.R11	40	07051275 1119999 BG045 299076054 R154859720 12211-108CC-108

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



879 Federal Blvd
Denver, CO, 80204, USA

Kaycha Labs

500mg Peppermint Tincture - SKU 53-0805

N/A

Matrix : Infused



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License #: 405R-00011

Sample : DE11116005-001

Harvest/LOT ID: P5011081 exp 05/24

Batch# : MIC/TAC/TCCT-500mg-
P-10,27,21

Sample Size Received : 4 units

Sampled : 11/12/21

Ordered : 11/12/21

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	ND
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 0.1357g	Extraction date 11/17/21 10:11:39	Extracted By 1696	
Analysis Method - SOP-060 (R5), Analytical Batch - DE002667PES			Reviewed On - 11/17/21 11:03:32	
Instrument Used : Sciex 6500 Qtrap - Pesticides Running On :			Batch Date : 11/15/21 08:37:48	
Reagent	Dilution	Consums. ID		
111321,001	25	07051275		
110621,001		1119999		
110211,010		86045		
110011,001		040CB-040D		
101911,009		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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Lab Director

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Signature

11/20/21

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License #: 405R-00011

Sample : DE1116005-001

Harvest/LOT ID: P5011081 exp 05/24

Batch# : MIC/TAC/TCCT-500mg- P-10,27,21

Sample Size Received : 4 units

Sampled : 11/12/21

Ordered : 11/12/21

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	<8.376
BUTANES	15.794	ppm	1000	PASS	ND
BENZENE	0.47491	ppm	2	PASS	ND
METHANOL	1.27868	ppm	600	PASS	<3.836
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	223.707
ACETONE	1.708	ppm	1000	PASS	<5.124
2-PROPANOL	1.58756	ppm	1000	PASS	<4.762
HEXANES	1.92798	ppm	60	PASS	ND

Analyzed by 1253 Weight 0.1725g Extraction date 11/19/21 10:11:58 Extracted By 1253

Analysis Method -SOP-032 (R18)

Analytical Batch -DE002679SOL Reviewed On - 11/19/21 13:02:46

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 GCwhich can detect below single digit ppm concentrations. Currently we analyze for 15 Residual solvents.



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Sample : DE11116005-001

Harvest/LOT ID: P5011081 exp 05/24

Batch# : MIC/TAC/TCCT-500mg- Sample Size Received : 4 units
P-10,27,21 Total Weight/Volume : N/A


Sampled : 11/12/21

Ordered : 11/12/21

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	2.98g	11/19/21 09:11:47	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			40898-021C4-021A	NT10-1212
101121.R06	081821.08	110921.06			210316-361-8	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 10:44:05

Instrument Used : Sciex 6500 Qtrap - Mycotoxins

Running On :

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

Analyzed by	Weight	Extraction date	Extracted By
1696	0.1357g	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
---	---------------------	---------------

Reagent	Dilution	Consums. ID
082721.13	50	210316-361-8
102121.03		114C8-114E
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	0.2136g	11/16/21 03:11:07	666

Analysis Method -SOP-050 (R5)

Analytical Batch -DE002665HEA | Reviewed On - 11/18/21 10:01:52

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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Sample : DE11116005-001
Harvest/LOT ID: P5011081 exp 05/24
Batch# : MIC/TAC/TCCT-500mg-
 P-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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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 11:03:32
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	0.417 aW
TEMPERATURE	1542	NA	0 Celsius		20.81 aW

Analysis Method -
 SOP.T.40.010

Batch Date : 11/16/21 13:03:27
Analytical Batch -
 DE002676WAT

Reviewed On - 11/17/21 07:48:34
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%	18.953 %

Analysis Method -
 SOP.T.40.011

Batch Date : 11/17/21 15:03:24
Analytical Batch -
 DE002685MOI

Reviewed On - 11/17/21 15:22:23
Instrument Used :