



Certificate of Analysis

Sample: DA01001011-001

Harvest/Lot ID: 10447

Seed to Sale #N/A

Batch Date :N/A

Batch#: TFMW-1-1-1

Sample Size Received: 50 ml

Retail Product Size: 50

Ordered : 10/01/20

Sampled : 10/01/20

Completed: 10/21/20 Expires: 10/21/21

Sampling Method: SOP Client Method

TESTED

Page 1 of 5

Oct 21, 2020 | Carmens Medicinals

800 SE 4th Ave

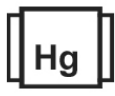
Hallandale Beach, FL, 33009, US



PRODUCT IMAGE SAFETY RESULTS



Pesticides
TESTED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
TESTED

MISC.

CANNABINOID RESULTS



Total THC
0.000%

THC/Container :0.000 mg



Total CBD
2.016%

CBD/Container :1008.205 mg



Total Cannabinoids
2.034%

Total Cannabinoids/Container
:1017.245 mg

CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
ND	ND	ND	0.018%	2.016%	ND	ND	ND	ND	<0.010	ND
ND	ND	ND	0.180 mg/g	20.160 mg/g	ND	ND	ND	ND	<0.010	ND
LOD 0.001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.0001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.0001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.001 %

Filtration PASSED

Analyzed By 1790 Weight 1g Extraction date 10/03/20 LOD(ppm) 1790 Extracted By 1790

Analysis Method -SOP.T.40.013 Batch Date : 10/03/20 08:50:21
Analytical Batch -GA016820FIL Reviewed On - 10/05/20 15:36:12
Instrument Used : GA-Filtration/Foreign Material Microscope

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 used for inspection.

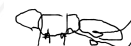
Cannabinoid Profile Test

Analyzed by 508	Weight 1g	Extraction date : 10/03/20 04:10:30	Extracted By : 1541
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 10/05/20 15:00:26	Batch Date : 10/03/20 15:54:04
Analytical Batch -GA016825POT		Instrument Used : GA-HPLC-001 2030C Plus (Carl)	Running On : 10/03/20 18:25:38
Reagent	Dilution	Consums. ID	
092320.01	40	282066106	
042220.41		6970145500298	
110519.12		190624060	
092920.R04		VAV-09-1020 (947.077) / ALK-09-1412 (9291.179)	
100120.R02			

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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Jeremy Campbell
Lab Director



10/21/2020

State License # CMTL-0001
ISO Accreditation # 97164

Signature

Signed On



Certificate of Analysis

TESTED

Carmens Medicinals

800 SE 4th Ave
Hallandale Beach , FL, 33009, US
Telephone: (954) 993-8077
Email: juan@carmensmedicinals.com

Sample : DA01001011-001
Harvest/LOT ID: 10447

Batch# : TFMW-1-1-1
Sampled : 10/01/20
Ordered : 10/01/20

Sample Size Received : 50 ml
Completed : 10/21/20 Expires: 10/21/21
Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD	Units	Result (%)	Terpenes	LOD	Units	Result (%)
ALPHA-HUMULENE	0.007	%	0.096	EUCALYPTOL	0.007	%	1.291
ALPHA-CEDRENE	0.007	%	ND	ISOBORNEOL	0.007	%	ND
SABINENE	0.007	%	0.310	HEXAHYDROT HYMOL	0.007	%	ND
SABINENE HYDRATE	0.007	%	ND	FENCHYL ALCOHOL	0.007	%	ND
TERPINEOL	0.007	%	ND	3-CARENE	0.007	%	0.114
TERPINOLENE	0.007	%	ND	CIS- NEROLIDOL	0.007	%	ND
BETA-CARYOPHYLLENE	0.007	%	1.166	ISOPULEGOL	0.007	%	ND
TRANS-NEROLIDOL	0.007	%	ND				
VALENCENE	0.007	%	ND				
ALPHA-BISABOLOL	0.007	%	<0.020				
CARYOPHYLLENE OXIDE	0.007	%	0.054				
CAMPHOR	0.013	%	0.078				
CAMPHENE	0.007	%	ND				
BORNEOL	0.013	%	ND				
BETA-PINENE	0.007	%	0.206				
BETA-MYRCENE	0.007	%	ND				
ALPHA-TERPINENE	0.007	%	ND				
ALPHA-PINENE	0.007	%	0.331				
CEDROL	0.007	%	ND				
PULEGONE	0.007	%	ND				
ALPHA-PHELLANDRENE	0.007	%	ND				
OCIMENE	0.007	%	ND				
NEROL	0.007	%	ND				
LINALOOL	0.007	%	1.325				
LIMONENE	0.007	%	0.508				
GUAJOL	0.007	%	<0.020				
GERANYL ACETATE	0.007	%	ND				
GERANIOL	0.007	%	ND				
GAMMA-TERPINENE	0.007	%	<0.020				
FENCHONE	0.007	%	ND				
FARNESENE	0.007	%	ND				



Terpenes

TESTED

Analyzed by 508 Weight 1g Extraction date 10/05/20 08:10:22 Extracted By 1791

Analysis Method -SOP.T.40.090
Analytical Batch -GA016847TER Reviewed On - 10/07/20 11:35:29
Instrument Used : GA-GCMS-002 QP2010S
Running On : 10/05/20 12:18:06
Batch Date : 10/05/20 08:00:19

Reagent	Dilution	Consums. ID
042920.03	10	280630187 VAV-09-1020 Lot# 947.077 6970145500298 P734631 / P7411895 16466-042

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC/MS.

Total 5.484

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Jeremy Campbell
Lab Director



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Signature

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Telephone: (954) 993-8077
Email: juan@carmensmedicinals.com

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Harvest/LOT ID: 10447

Batch# : TFMW-1-1-1
Sampled : 10/01/20
Ordered : 10/01/20

Sample Size Received : 50 ml
Completed : 10/21/20 Expires: 10/21/21
Sample Method : SOP Client Method

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Pesticides

TESTED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACEPHATE	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PYRETHRINS	0.05	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND	SPINETORAM	0.02	PPM	3	ND
AZOXYSTROBIN	0.01	ppm	3	ND	SPIROMESIFEN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPIROXAMINE	0.01	ppm	0.1	ND
BOSCALID	0.01	PPM	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CARBARYL	0.05	ppm	0.5	ND	THIACLOPRID	0.01	ppm	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	1	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	20	0.086
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
COUMAPHOS	0.01	ppm	0.1	0.086					
DAMINOZIDE	0.01	ppm	0.1	ND					
DIAZANON	0.01	ppm	0.2	ND					
DICHLORVOS	0.01	ppm	0.1	ND					
DIMETHOATE	0.01	ppm	0.1	ND					
DIMETHOMORPH	0.02	ppm	3	ND					
ETHOPROPHOS	0.01	ppm	0.1	ND					
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	0.01	ppm	3	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.02	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.025	ppm	0.5	ND					
OXAMYL	0.05	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PHOSMET	0.01	ppm	0.2	ND					
PIPERONYL BUTOXIDE	0.1	ppm	3	ND					
PRALLETHRIN	0.01	ppm	0.4	ND					



Pesticides

TESTED

Analyzed by 1850 , 973 **Weight** 0.9952g **Extraction date** 10/12/20 06:10:12 **Extracted By** 1850 , 1541

Analysis Method - SOP.T.30.065, SOP.T.40.065 , SOP.T.30.065, SOP.T.40.070
Analytical Batch - GA017256PES , GA017173VOL Reviewed On- 10/05/20 15:36:12
Instrument Used : GA-LCMS-001 Pes , GA-GCMS-003 Triple Quad Pest
Running On : , 10/09/20 17:56:22
Batch Date : 10/12/20 12:16:24

Reagent	Dilution	Consums. ID
100020.003	10	282066106 VAV-09-1020 Lot# 947.077 6970145500298 VAV-09-1020 (947.077) / ALK-09-1412 (9291.179) P734631 / P7411895

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T.40.065 Procedure for Pesticide Quantification Using LCMS). * Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.

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Jeremy Campbell
Lab Director

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ISO Accreditation # 97164



Signature

10/21/2020

Signed On



Certificate of Analysis

TESTED

Carmens Medicinals

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Hallandale Beach , FL, 33009, US
Telephone: (954) 993-8077
Email: juan@carmensmedicinals.com

Sample : DA01001011-001
Harvest/LOT ID: 10447

Batch# : TFMW-1-1-1
Sampled : 10/01/20
Ordered : 10/01/20


Sample Size Received : 50 ml
Completed : 10/21/20 Expires: 10/21/21
Sample Method : SOP Client Method

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Residual Solvents

PASSED



Residual Solvents

PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
PROPANE	500	ppm	5000	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
METHANOL	25	ppm	250	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

Analyzed by 508 Weight 1g Extraction date 10/06/20 12:10:57 Extracted By 508

Analysis Method -SOP.T.40.032
Analytical Batch -GA016951SOL Reviewed On - 10/07/20 14:29:22
Instrument Used : GA-GCMS-001 Headspace Solvent
Running On : 10/06/20 14:15:55
Batch Date : 10/06/20 12:29:32

Reagent	Dilution	Consums. ID
		24154107 ach-20-1720

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 21 Residual solvents.(Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS).

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Jeremy Campbell
Lab Director



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10/21/2020

Signed On



Certificate of Analysis

TESTED

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Telephone: (954) 993-8077
Email: juan@carmensmedicinals.com

Sample : DA01001011-001
Harvest/LOT ID: 10447

Batch# : TFMW-1-1-1
Sampled : 10/01/20
Ordered : 10/01/20

Sample Size Received : 50 ml
Completed : 10/21/20 Expires: 10/21/21
Sample Method : SOP Client Method

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Microbials

PASSED



Mycotoxins

PASSED

Analyte	LOD	Result	Analyte	LOD	Units	Result	Action Level (PPM)
ASPERGILLUS_FLAVUS		not present in 1 gram.	AFLATOXIN G2	0.002	ppm	ND	0.02
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	AFLATOXIN G1	0.002	ppm	ND	0.02
ASPERGILLUS_NIGER		not present in 1 gram.	AFLATOXIN B2	0.002	ppm	ND	0.02
ASPERGILLUS_TERREUS		not present in 1 gram.	AFLATOXIN B1	0.002	ppm	ND	0.02
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	OCHRATOXIN A+	0.002	ppm	ND	0.02
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.					

Analysis Method -SOP.T.40.043 / SOP.T.40.044
Analytical Batch -GA017526MIC Batch Date : 10/18/20
Instrument Used : GA-093 PathogenDx Scanner
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1748	0.9528g	10/19/20	1748

Dilution

10
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.

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -GA017159MYC | Reviewed On - 10/12/20 13:49:01
Instrument Used : GA-LCMS-001 MYC
Running On :
Batch Date : 10/09/20 09:55:29

Analyzed by	Weight	Extraction date	Extracted By
1850	1g	10/12/20 09:10:47	1850

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20µg/Kg.



Heavy Metals

PASSED

Reagent	Reagent	Dilution	Consums. ID
041420.13	100620.R01	50	190624060
091719.R07	110519.12		106667-05-100719
092120.R47			
081420.12			
091720.R01			
100220.R03			

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

Analyzed by	Weight	Extraction date	Extracted By
650	1g	10/05/20 11:10:13	1791

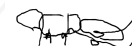
Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -GA016866HEA | Reviewed On - 10/06/20 14:26:06
Instrument Used : GA-ICPMS-001-DER
Running On :
Batch Date : 10/05/20 09:50:30

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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