



Certificate of Analysis

Sample: DA01001011-002
Harvest/Lot ID: 10442
Seed to Sale #N/A
Batch Date :N/A
Batch#: DMMW-1-1-1
Sample Size Received: 30 ml
Retail Product Size: 30
Ordered : 09/22/20
Sampled : 09/22/20
Completed: 10/13/20 Expires: 10/13/21
Sampling Method: SOP Client Method

Oct 13, 2020 | Carmens Medicinals

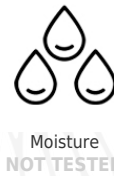
800 SE 4th Ave
Hallandale Beach , FL, 33009, US



PASSED

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PRODUCT IMAGE SAFETY RESULTS



MISC.

CANNABINOID RESULTS



Total THC
0.097%
THC/Container :25.359 mg



Total CBD
5.549%
CBD/Container :1448.490 mg



Total Cannabinoids
5.752%
Total Cannabinoids/Container :1506.521 mg

CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
0.022%	0.026%	ND	0.047%	5.526%	ND	0.019%	0.097%	ND	0.032%	ND
0.220 mg/g	0.260 mg/g	ND	0.470 mg/g	55.260 mg/g	ND	0.190 mg/g	0.970 mg/g	ND	0.320 mg/g	ND
LOD 0.001 %	0.001 %	0.001 %	0.001 %	0.0001 %	0.001 %	0.001 %	0.0001 %	0.001 %	0.001 %	0.001 %

Filtration PASSED

Analyzed By 1790 Weight 26.1g Extraction date 10/03/20 LOD(ppm) 1790 Extracted By 1790
Analysis Method -SOP.T.40.013 Batch Date : 10/03/20 08:49:46
Analytical Batch -GA016819FIL Reviewed On - 10/05/20 15:37:17
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 use for inspection.

Cannabinoid Profile Test

Analyzed by 508 Weight 2.9779g Extraction date : 10/03/20 02:10:54 Extracted By : 1790
Analysis Method -SOP.T.40.020, SOP.T.30.050 Reviewed On - 10/13/20 15:02:02 Batch Date : 10/03/20 12:23:50
Analytical Batch -GA016824POT Instrument Used : DA-LC-003 Running On : 10/03/20 18:25:49

Reagent	Dilution	Consums. ID
092320.01	40	280630187
071420.14		VAV-09-1020 Lot# 947.077
092920.R04		6970145500298
100120.R02		190624060
		16466-042

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

State License # CMTL-0001
ISO Accreditation # 97164



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10/13/2020

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Carmens Medicinals

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

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Harvest/LOT ID: 10442

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Ordered : 09/22/20

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Completed : 10/13/20 **Expires:** 10/13/21
Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD	Units	Result (%)
ALPHA-HUMULENE	0.007	%	0.020
ALPHA-CEDRENE	0.007	%	ND
SABINENE	0.007	%	ND
SABINENE HYDRATE	0.007	%	ND
TERPINEOL	0.007	%	ND
TERPINOLENE	0.007	%	ND
BETA-CARYOPHYLLENE	0.007	%	0.051
TRANS-NEROLIDOL	0.007	%	ND
VALENCENE	0.007	%	ND
ALPHA-BISABOLOL	0.007	%	0.059
CARYOPHYLLENE OXIDE	0.007	%	<0.020
CAMPHOR	0.013	%	ND
CAMPHENE	0.007	%	ND
BORNEOL	0.013	%	ND
BETA-PINENE	0.007	%	ND
BETA-MYRCENE	0.007	%	ND
ALPHA-TERPINENE	0.007	%	ND
ALPHA-PINENE	0.007	%	ND
CEDROL	0.007	%	ND
PULEGONE	0.007	%	0.038
ALPHA-PHELLANDRENE	0.007	%	ND
OCIMENE	0.007	%	ND
NEROL	0.007	%	ND
LINALOOL	0.007	%	ND
LIMONENE	0.007	%	0.029
GUAJOL	0.007	%	0.035
GERANYL ACETATE	0.007	%	ND
GERANIOL	0.007	%	ND
GAMMA-TERPINENE	0.007	%	ND
FENCHONE	0.007	%	ND
FARNESENE	0.007	%	ND

Terpenes	LOD	Units	Result (%)
EUCALYPTOL	0.007	%	<0.020
ISOBORNEOL	0.007	%	ND
HEXAHYDROT HYMOL	0.007	%	0.740
FENCHYL ALCOHOL	0.007	%	ND
3-CARENE	0.007	%	ND
CIS-NEROLIDOL	0.007	%	ND
ISOPULEGOL	0.007	%	ND



Terpenes

TESTED

Analyzed by 508 **Weight** 1.0001g **Extraction date** 10/05/20 08:10:00 **Extracted By** 1791

Analysis Method -SOP.T.40.090
Analytical Batch -GA016847TER **Reviewed On - 10/07/20 14:00:33**
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 0.975

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Lab Director

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Email: juan@carmensmedicinals.com

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Harvest/LOT ID: 10442

Batch# : DMMW-1-1-1
Sampled : 09/22/20
Ordered : 09/22/20

Sample Size Received : 30 ml
Completed : 10/13/20 Expires: 10/13/21
Sample Method : SOP Client Method

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Pesticides

PASSED

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	PYRETHRIN I	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PYRETHRIN II	0.01	ppm	1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRINS	0.05	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPINETORAM	0.02	PPM	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPINOSAD (SPINOSYN A)	0.01	ppm	3	ND
BOSCALID	0.01	PPM	3	ND	SPINOSAD (SPINOSYN D)	0.01	ppm	3	ND
CARBARYL	0.05	ppm	0.5	ND	SPIROMESIFEN	0.01	ppm	3	ND
CARBOFURAN	0.01	ppm	0.1	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	THIACLOPRID	0.01	ppm	0.1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	THIAMETHOXAM	0.05	ppm	1	ND
COUMAPHOS	0.01	ppm	0.1	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	20	ND
DAMINOZIDE	0.01	ppm	0.1	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
DIAZANON	0.01	ppm	0.2	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
DICHLORVOS	0.01	ppm	0.1	ND	TRIFLOXYSTROBIN	0.01	ppm	3	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

PASSED

Analyzed by **1850 , 1541** Weight **1.0013g** Extraction date **10/09/20 04:10:45** Extracted By **1850 , 1541**

Analysis Method - SOP.T.30.065, SOP.T.40.065 , SOP.T.30.065, SOP.T40.070
 Analytical Batch - GA017100PES , GA017165VOL Reviewed On- 10/05/20 15:37:17
 Instrument Used : GA-LCMS-001 Pes , GA-GCMS-003 Triple Quad Pest
 Running On : 10/09/20 17:56:39
 Batch Date : 10/08/20 11:05:49

Reagent	Dilution	Consums. ID
092520.R03	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.T40.065 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
State License # CMTL-0001
ISO Accreditation # 97164



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Certificate of Analysis

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

Sample : DA01001011-002
Harvest/LOT ID: 10442

Batch# : DMMW-1-1-1
Sampled : 09/22/20
Ordered : 09/22/20


Sample Size Received : 30 ml
Completed : 10/13/20 **Expires:** 10/13/21
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	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
XYLENES-M (1,3-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-P (1,4-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND

Analyzed by 508 **Weight** .0238g **Extraction date** 10/06/20 12:10:48 **Extracted By** 508

Analysis Method -SOP.T.40.032
Analytical Batch -GA016951SOL **Reviewed On - 10/07/20 14:29:58**
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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Harvest/LOT ID: 10442

Batch# : DMMW-1-1-1
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Ordered : 09/22/20

Sample Size Received : 30 ml
Completed : 10/13/20 **Expires:** 10/13/21
Sample Method : SOP Client Method

Page 5 of 5



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 -GA017179MIC Batch Date : 10/10/20
Instrument Used : GA-093 PathogenDx Scanner
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1748	0.9676g	10/10/20	1828

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 -GA017101MYC | Reviewed On - 10/12/20 14:37:24
Instrument Used : GA-LCMS-001 MYC
Running On :
Batch Date : 10/08/20 11:07:16

Analyzed by	Weight	Extraction date	Extracted By
1850	1.0013g	10/08/20 02:10:00	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	0.5077g	10/05/20 11:10:29	1791

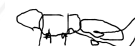
Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -GA016866HEA | Reviewed On - 10/06/20 14:26:14
Instrument Used : GA-ICPMS-001-DER
Running On :
Batch Date : 10/05/20 09:50:30

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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