



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: DA30118011-001

Harvest/Lot ID: 14292

Batch#: CM0021ISX

Cultivation Facility:

Processing Facility:

Distributor Facility:

Source Facility:

Seed to Sale# N/A

Batch Date: 01/16/23

Sample Size Received: 30 ml

Total Amount: 30 ml

Retail Product Size: 30 ml

Ordered : 01/17/23

Sampled : 01/17/23

Completed: 01/20/23

Sampling Method: SOP.T.20.010.FL

Jan 20, 2023 | Carmens Medicinals

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



PASSED

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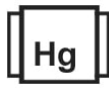
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
TESTED

MISC.

Cannabinoid

PASSED



Total THC
0.249%

Total THC/Container : 68.724 mg



Total CBD
9.323%

Total CBD/Container : 2573.148 mg



Total Cannabinoids
13.298%

Total Cannabinoids/Container : 3670.248 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	0.249	ND	9.311	0.014	0.006	2.065	0.003	1.382	0.014	0.118	0.136
mg/ml	2.29	ND	85.661	0.128	0.055	18.998	0.027	12.714	0.128	1.085	1.251
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
1665, 3605, 585, 1440

Weight:
2.9284g

Extraction date:
01/18/23 12:10:30

Extracted by:
1665

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : DA054836POT
Instrument Used : DA-LC-007
Running on : 01/18/23 12:15:33

Reviewed On : 01/19/23 13:25:38
Batch Date : 01/18/23 09:18:39

Dilution : 40
Reagent : 011223.R07; 070621.18; 011223.R06
Consumables : 239146; 280670723; CE0123; 61633-125C6-125E; R1KB14270
Pipette : DA-079; DA-108; DA-078

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.



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

Sample : DA30118011-001
Harvest/Lot ID: 14292

Batch# : CM0021ISX
Sampled : 01/17/23
Ordered : 01/17/23

Sample Size Received : 30 ml
Total Amount : 30 ml
Completed : 01/20/23 Expires: 01/20/24
Sample Method : SOP Client Method

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Terpenes				TESTED					
Terpenes	LOD (%)	mg/ml	%	Result (%)	Terpenes	LOD (%)	mg/ml	%	Result (%)
TOTAL TERPENES	0.007	10.028	1.09		ALPHA-HUMULENE	0.007	0.515	0.056	
TOTAL TERPINEOL	0.007	ND	ND		VALENCENE	0.007	ND	ND	
ALPHA-PINENE	0.007	0.772	0.084		CIS-NEROLIDOL	0.007	ND	ND	
CAMPHENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	ND	ND	
SABINENE	0.007	ND	ND		CARYOPHYLLENE OXIDE	0.007	<0.184	<0.02	
BETA-PINENE	0.007	ND	ND		GUAJOL	0.007	0.239	0.026	
BETA-MYRCENE	0.007	0.809	0.088		CEDROL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	<0.184	<0.02		ALPHA-BISABOLOL	0.007	0.644	0.07	
3-CARENE	0.007	ND	ND		Analyzed by: 2076, 585, 53, 1440 Weight: 1.0740g Extraction date: 01/18/23 15:01:48 Extracted by: 2076 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : DA054838TER Instrument Used : DA-GCMS-005 Reviewed On : 01/20/23 14:11:23 Running on : 01/19/23 10:22:31 Batch Date : 01/18/23 09:30:20				
ALPHA-TERPINENE	0.007	ND	ND		Dilution : 10 Reagent : 120722.08 Consumables : 210414634; MKCN9995; CE0123; R1KB14270 Pipette : N/A Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
LIMONENE	0.007	0.993	0.108						
EUCALYPTOL	0.007	<0.184	<0.02						
OCIMENE	0.007	ND	ND						
GAMMA-TERPINENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
FENCHONE	0.007	ND	ND						
LINALOOL	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
CAMPHOR	0.007	ND	ND						
ISOBORNEOL	0.007	ND	ND						
BORNEOL	0.013	ND	ND						
HEXAHDROTHYMOL	0.007	2.925	0.318						
NEROL	0.007	ND	ND						
PULEGONE	0.007	ND	ND						
GERANIOL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
ALPHA-CEDRENE	0.007	0.993	0.108						
BETA-CARYOPHYLLENE	0.007	2.134	0.232						
FARNESENE	0	<0.018	<0.0018						
Total (%)			1.09						



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Sample Method : SOP Client Method

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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	ppm	30	PASS	ND	OXAMYL	0.01	ppm	0.5	PASS	ND
TOTAL DIMETHOMORPH	0.01	ppm	3	PASS	ND	PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
TOTAL PERMETHRIN	0.01	ppm	1	PASS	ND	PHOSMET	0.01	ppm	0.2	PASS	ND
TOTAL PYRETHRINS	0.01	ppm	1	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
TOTAL SPINETORAM	0.01	ppm	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
TOTAL SPINOSAD	0.01	ppm	3	PASS	ND	PROPICONAZOLE	0.01	ppm	1	PASS	ND
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PYRETHRIN I	0.01	ppm	1	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	PYRETHRIN II	0.01	ppm	1	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	CAPTAN *	0.07	PPM	3	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	CYFLUTHRIN *	0.05	PPM	1	PASS	ND
DIAZINON	0.01	ppm	3	PASS	ND	CYPERMETHRIN *	0.05	PPM	1	PASS	ND
DICHLORVOS	0.01	ppm	0.1	PASS	ND						
DIMETHOATE	0.01	ppm	0.1	PASS	ND						
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND						
ETOFENPROX	0.01	ppm	0.1	PASS	ND						
ETOXAZOLE	0.01	ppm	1.5	PASS	ND						
FENHEXAMID	0.01	ppm	3	PASS	ND						
FENOXYCARB	0.01	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.01	ppm	2	PASS	ND						
FIPRONIL	0.01	ppm	0.1	PASS	ND						
FLONICAMID	0.01	ppm	2	PASS	ND						
FLUDIOXONIL	0.01	ppm	3	PASS	ND						
HEXYTHIAZOX	0.01	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.01	ppm	3	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.01	ppm	2	PASS	ND						
METALAXYL	0.01	ppm	3	PASS	ND						
METHIOCARB	0.01	ppm	0.1	PASS	ND						
METHOMYL	0.01	ppm	0.1	PASS	ND						
MEVINPHOS	0.01	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.01	ppm	3	PASS	ND						
NALED	0.01	ppm	0.5	PASS	ND						

Analyzed by: 585, 795, 1440 **Weight:** 0.2639g **Extraction date:** 01/18/23 13:13:18 **Extracted by:** 585
Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville), SOP.T.40.102.FL (Davie)
Analytical Batch : DA054844PES **Reviewed On :** 01/19/23 16:30:56
Instrument Used : DA-LCMS-003 (PES) **Batch Date :** 01/18/23 09:39:15
Running on : 01/18/23 15:14:54
Dilution : 250
Reagent : 011723.R01; 011723.R03; 122722.R21; 011823.R01; 040521.11
Consumables : 6676024-02
Pipette : DA-093; DA-094; DA-219
 Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.
Analyzed by: 3379, 53, 1440, 585 **Weight:** 0.2639g **Extraction date:** N/A **Extracted by:** 585,450
Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL (Gainesville)
Analytical Batch : DA054846VOL **Reviewed On :** 01/19/23 12:19:49
Instrument Used : DA-GCMS-001 **Batch Date :** 01/18/23 09:41:29
Running on : 01/18/23 16:09:30
Dilution : 25
Reagent : 011723.R03; 040521.11; 011723.R20; 011723.R29
Consumables : 6676024-02
Pipette : DA-093; DA-094; DA-219
 Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



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 Sample : DA30118011-001
 Harvest/Lot ID: 14292

 Batch# : CM0021ISX
 Sampled : 01/17/23
 Ordered : 01/17/23

 Sample Size Received : 30 ml
 Total Amount : 30 ml
 Completed : 01/20/23 Expires: 01/20/24
 Sample Method : SOP Client Method

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Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
2-PROPANOL	50	ppm	500	PASS	<250
ACETONE	75	ppm	5000	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
PROPANE	500	ppm	2100	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
XYLENES-M&P (1,3&1,4-DIMETHYLBENZENE)	27	ppm	2170	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND

Analyzed by: 850, 585, 1440	Weight: 0.0257g	Extraction date: 01/19/23 15:07:09	Extracted by: 850
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Analysis Method : SOP.T.40.041.FL	Reviewed On : 01/19/23 16:20:08 Batch Date : 01/18/23 15:46:53
Analytical Batch : DA054882SOL	
Instrument Used : DA-GCMS-003	
Running on : N/A	

Dilution : 1
 Reagent : N/A
 Consumables : N/A
 Pipette : N/A

Residual solvents analysis is performed utilizing Gas Chromatography Mass Spectrometry in accordance with with F.S. Rule 64ER20-39.



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Sample : DA30118011-001
Harvest/Lot ID: 14292

Batch# : CM0021ISX
Sampled : 01/17/23
Ordered : 01/17/23

Sample Size Received : 30 ml
Total Amount : 30 ml
Completed : 01/20/23 Expires: 01/20/24
Sample Method : SOP Client Method

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	Microbial	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	
LISTERIA MONOCYTOGENES			Not Present	PASS	
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000

Analyzed by: 3621, 3390, 585, 1440
Weight: 1.1286g
Extraction date: 01/18/23 12:43:43
Extracted by: 3621

Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL
Analytical Batch : DA054865MIC
Instrument Used : PathogenDx Scanner DA-111
Running on : N/A

Dilution : N/A
Reagent : 071122.R03; 110822.R31; 072122.20
Consumables : N/A
Pipette : N/A

Analyzed by: 3621, 3390, 585, 1440
Weight: 1.1286g
Extraction date: N/A
Extracted by: 3621, 3390

Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL
Analytical Batch : DA054874TYM
Instrument Used : Incubator (25-27C) DA-097
Running on : 01/19/23 09:23:25

Dilution : 10
Reagent : 071122.R03
Consumables : 004103
Pipette : N/A

Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
OCHRATOXIN A	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02

Analyzed by: 585, 795, 1440
Weight: 0.2639g
Extraction date: N/A
Extracted by: 585

Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)
Analytical Batch : DA054845MYC
Instrument Used : DA-LCMS-003 (MYC)
Running on : 01/18/23 15:15:08

Dilution : 250
Reagent : 011723.R01; 011723.R03; 122722.R21; 011823.R01; 040521.11
Consumables : 6676024-02
Pipette : DA-093; DA-094; DA-219

Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

	Heavy Metals	PASSED
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Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.11	ppm	ND	PASS	5
ARSENIC	0.02	ppm	ND	PASS	1.5
CADMIUM	0.02	ppm	ND	PASS	0.5
MERCURY	0.02	ppm	ND	PASS	3
LEAD	0.05	ppm	ND	PASS	0.5

Analyzed by: 1022, 53, 1440, 585
Weight: 0.4719g
Extraction date: 01/18/23 12:07:43
Extracted by: 1022

Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL
Analytical Batch : DA054852HEA
Instrument Used : DA-ICPMS-003
Running on : 01/18/23 18:12:37

Dilution : 50
Reagent : 122822.R42; 121922.R11; 011323.R03; 011123.R31; 011323.R01; 011323.R02; 122322.R25; 123022.R15; 100622.35
Consumables : 179436; 210508058; 210803-059
Pipette : DA-061; DA-216

Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



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	Filth/Foreign Material	PASSED
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Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.5	%	ND	PASS	1

Analyzed by: 1879, 1440	Weight: NA	Extraction date: N/A	Extracted by: N/A
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Analysis Method : SOP.T.40.090

Analytical Batch : DA054886FIL

Instrument Used : Filth/Foreign Material Microscope

Running on : 01/18/23 20:28:06

Reviewed On : 01/18/23 20:46:28

Batch Date : 01/18/23 19:00:54

Dilution : N/A

Reagent : N/A

Consumables : N/A

Pipette : N/A

Filth and foreign material inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with F.S. Rule 64ER20-39.