



Certificate of Analysis

Sample:KN21130008-001

Harvest/Lot ID: 14013

Batch#: 0082-3ISX

Seed to Sale# N/A

Batch Date: 11/01/22

Sample Size Received: 30 ml

Total Batch Size: N/A

Retail Product Size: 30 ml

Ordered : 11/28/22

Sampled : 11/28/22

Completed: 12/07/22

Sampling Method: N/A

PASSED

Page 1 of 6

Dec 07, 2022 | Carmens Medicinals

1241 Stirling Rd Suite 101
Dania Beach , FL, 33004, US



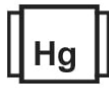
PRODUCT IMAGE



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

0.1709%

Total THC/Bottle : 51.27 mg



Total CBD

5.6338%

Total CBD/Bottle : 1690.14 mg



Total Cannabinoids

6.7132%

Total Cannabinoids/Bottle : 2013.96 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	0.0435	0.0165	ND	0.8039	5.6194	ND	0.0165	ND	0.1709	ND	ND	0.0425	ND	ND	ND	ND
mg/ml	0.435	0.165	ND	8.039	56.194	ND	0.165	ND	1.709	ND	ND	0.425	ND	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
2990, 2657, 12

Weight:
0.2073g

Extraction date:
11/30/22 15:38:13

Extracted by:
2990

Analysis Method : SOP.T.30.031.TN & SOP.T.40.031.TN Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCA: 9.5%, TOTAL THC 11. 1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.

Analytical Batch : KN003188POT
Instrument Used : HPLC E-SHI-008
Running on : N/A

Reviewed On : 12/07/22 20:28:09
Batch Date : 11/30/22 08:19:29

Dilution : N/A
Reagent : 062422.03; 100422.02; 100522.02; 102422.10; 112922.R13; 112922.R14
Consumables : 294108110; 22/04/01; n/a; 239146; 947B9291.100; 220325059-D; IP250.100
Pipette : E-GIL-010; E-EPP-081

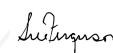
Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). All cannabinoids have an LOQ of 0.01%.

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Sue Ferguson

Lab Director

State License # n/a
ISO Accreditation # 17025:2017



Signature

12/07/22

Signed On



Certificate of Analysis

PASSED

Carmens Medicinals

1241 Stirling Rd Suite 101
Dania Beach , FL, 33004, US
Telephone: (888) 328-6445
Email: info@carmensmedicinals.com

Sample : KN21130008-001
Harvest/Lot ID: 14013

Batch# : 0082-3ISX
Sampled : 11/28/22
Ordered : 11/28/22

Sample Size Received : 30 ml
Total Batch Size : N/A
Completed : 12/07/22 Expires: 12/07/23
Sample Method : SOP Client Method

Page 2 of 6



Terpenes

TESTED

Terpenes	LOD (%)	mg/ml	%	Result (%)	Terpenes	LOD (%)	mg/ml	%	Result (%)	
SABINENE HYDRATE	0.007	ND	ND		3-CARENE	0.007	ND	ND		
GERANIOL	0.007	ND	ND		FENCHYL ALCOHOL	0.007	ND	ND		
GERANYL ACETATE	0.007	ND	ND		HEXAHYDROTHYMOL	0.007	3.705	0.3705		
GUAJOL	0.007	ND	ND		EUCALYPTOL	0.007	0.237	0.0237		
LIMONENE	0.007	0.356	0.0356		ISOBORNEOL	0.007	ND	ND		
LINALOOL	0.007	ND	ND		FARNESENE	0.007	<0.2	<0.02		
NEROL	0.007	ND	ND		FENCHONE	0.007	ND	ND		
OCIMENE	0.007	ND	ND		Analyzed by: 2368, 138, 12		Weight: 1.0141g	Extraction date: 12/01/22 14:51:01	Extracted by: 138	
ALPHA-PHELLANDRENE	0.007	ND	ND		Analysis Method : SOP.T.40.041.TN		Reviewed On : 12/05/22 18:08:08		Batch Date : 12/01/22 12:11:28	
PULEGONE	0.007	ND	ND		Analytical Batch : KN003191TER					
SABINENE	0.007	ND	ND		Instrument Used : E-SHI-109 Terpenes					
GAMMA-TERPINENE	0.007	ND	ND		Running on : N/A					
TERPINEOL	0.007	ND	ND		Dilution : 10					
TERPINOLENE	0.007	ND	ND		Reagent : 092221.04					
TRANS-CARYOPHYLLENE	0.007	0.676	0.0676		Consumables : 294033242; 20220108; 211214634-D; 94789291.100					
TRANS-NEROLIDOL	0.007	ND	ND		Pipette : E-GIL-011; E-GIL-013					
VALENCENE	0.007	ND	ND		Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes.					
ALPHA-BISABOLOL	0.007	<0.2	<0.02							
ALPHA-HUMULENE	0.007	<0.2	<0.02							
ALPHA-PINENE	0.007	0.235	0.0235							
ALPHA-TERPINENE	0.007	ND	ND							
BETA-MYRCENE	0.007	0.246	0.0246							
BETA-PINENE	0.007	ND	ND							
BORNEOL	0.013	ND	ND							
CAMPHENE	0.007	ND	ND							
CAMPHOR	0.013	ND	ND							
CARYOPHYLLENE OXIDE	0.007	ND	ND							
CEDROL	0.007	ND	ND							
ALPHA-CEDRENE	0.007	ND	ND							
ISOPULEGOL	0.007	ND	ND							
CIS-NEROLIDOL	0.007	ND	ND							
Total (%)				0.5455						



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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
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PROPICONAZOLE	0.01	ppm	1	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	PYRETHRINS	0.01	ppm	1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	SPINETORAM	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
CLOFENTZINE	0.01	ppm	0.5	PASS	ND						
COUMAPHOS	0.01	ppm	0.1	PASS	ND	Analized by:	Weight:	Extraction date:	Extracted by:		
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	2803	0.5073g	12/07/22 17:08:28	2803		
DIAZANON	0.01	ppm	0.2	PASS	ND	Analysis Method : SOP.T.40.101.TN			Reviewed On : 12/07/22 17:51:52		
DICHLORVOS	0.01	ppm	0.1	PASS	ND	Analytical Batch : KN003211PES			Batch Date : 12/06/22 13:30:40		
DIMETHOATE	0.01	ppm	0.1	PASS	ND	Instrument Used : E-SHI-125 Pesticides					
DIMETHOMORPH	0.01	ppm	3	PASS	ND	Running on : N/A					
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Dilution : 0.01					
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Reagent : N/A					
ETOXAZOLE	0.01	ppm	1.5	PASS	ND	Consumables : N/A					
FENHEXAMID	0.01	ppm	3	PASS	ND	Pipette : N/A					
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry. *Based on FL action limits.					
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						
OXAMYL	0.01	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND						
PERMETHRINS	0.01	ppm	1	PASS	ND						
PHOSMET	0.01	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND						

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Sue Ferguson

Lab Director

 State License # n/a
 ISO Accreditation # 17025:2017

Signature

12/07/22

Signed On



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Ordered : 11/28/22
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Total Batch Size : N/A
Completed : 12/07/22 Expires: 12/07/23
Sample Method : SOP Client Method
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Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	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
CHLOROFORM	0.2	ppm	60	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	2170	PASS	ND

Analyzed by: N/A	Weight: N/A	Extraction date: N/A	Extracted by: N/A
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Analysis Method : SOP.T.40.041.TN Analytical Batch : KN003181SOL Instrument Used : E-SHI-106 Residual Solvents Running on : N/A	Reviewed On : 12/05/22 18:07:57 Batch Date : 11/29/22 08:50:23
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Dilution : N/A
 Reagent : N/A
 Consumables : R2017.167; G201.100
 Pipette : N/A

Residual solvents analysis is performed using Gas Chromatography / Mass Spectrometry. *Based on FL action limits.

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Sue Ferguson Lab Director State License # n/a ISO Accreditation # 17025:2017	 Signature	12/07/22 Signed On
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
Certificate of Analysis

PASSED
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Sample Size Received : 30 ml
Total Batch Size : N/A
Completed : 12/07/22 Expires: 12/07/23
Sample Method : SOP Client Method
Page 5 of 6

 Microbial PASSED						 Mycotoxins PASSED					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS		AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS			Not Present	PASS		AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	0.02
Analyzed by: 2805	Weight: 1.0414g	Extraction date: 11/30/22 15:51:15	Extracted by: 2805			Analyzed by: 2803	Weight: 0.5073g	Extraction date: 12/07/22 17:08:28	Extracted by: 2803		
Analysis Method : N/A						Analysis Method : SOP.T.40.101.TN					
Analytical Batch : KN003186MIC						Analytical Batch : KN003215MYC					
Instrument Used : Micro E-HEW-069						Instrument Used : E-SHI-125 Mycotoxins					
Running on : N/A						Running on : N/A					
Dilution : N/A						Dilution : 0.01					
Reagent : 110822.01; 101822.08; 090222.01; 092022.05; 072722.01						Reagent : N/A					
Consumables : 22/04/01; 251773; 242429; 0980420; P7528255; 250346; 253850; 93825; 005104; 009107; n/a; 10RWJ0415W03; QJ032G						Consumables : N/A					
Pipette : E-THE-045; E-THE-046; E-THE-047; E-THE-048; E-THE-049; E-THE-050; E-THE-051; E-THE-052; E-THE-053; E-THE-054; E-THE-055; E-BIO-188						Pipette : N/A					
Reviewed On : 12/05/22 16:48:10						Reviewed On : 12/07/22 17:59:43					
Batch Date : 11/29/22 15:53:27						Batch Date : 12/07/22 17:10:50					

 Heavy Metals PASSED					
Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	ND	PASS	1.5
CADMIUM-CD	0.02	ppm	ND	PASS	0.5
MERCURY-HG	0.02	ppm	ND	PASS	3
LEAD-PB	0.02	ppm	ND	PASS	0.5
Analyzed by: 2368, 2837, 12	Weight: 0.2534g	Extraction date: 12/02/22 11:50:15	Extracted by: 2837		
Analysis Method : SOP.T.30.082, SOP.T.40.082.TN					
Analytical Batch : KN003195HEA					
Instrument Used : Metals ICP/MS					
Running on : N/A					
Dilution : N/A					
Reagent : 062422.03; 100422.02; 112922.R01; 101322.R14; 032522.01; 092322.01; 111022.R03; 120122.R05; 101422.R14					
Consumables : 257747; 829C6-829B; 108779-06-102921; 12568-237CD-237C; A30697912					
Pipette : E-EPP-080; E-EPP-081					

Heavy Metals analysis is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations. *Based on FL action limits.

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Page 6 of 6

	Filth/Foreign Material	PASSED
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Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	1	detect/g	ND	PASS	3

Analyzed by: 2805	Weight: 0.5541g	Extraction date: 12/05/22 10:16:07	Extracted by: 2805
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Analysis Method : SOP.T.40.090
Analytical Batch : KN003157FIL
Instrument Used : E-AMS-138 Microscope
Running on : N/A

Reviewed On : 12/05/22 10:17:21
Batch Date : 11/21/22 10:30:03


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

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is use for inspection.

Sue Ferguson

Lab Director

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Signature

12/07/22

Signed On