



Certificate of Analysis

Sample:KN21020007-002
Harvest/Lot ID: 13678
Batch#: 196ISX/270ISX
Seed to Sale# N/A
Batch Date: 10/01/22
Sample Size Received: 30 ml
Total Batch Size: N/A
Retail Product Size: 30 ml
Ordered : 10/18/22
Sampled : 10/18/22
Completed: 10/27/22
Sampling Method: N/A

PASSED

Page 1 of 6

Oct 27, 2022 | Carmens Medicinals

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



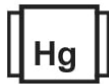
PRODUCT IMAGE



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



CBN
3.021%
CBN/Bottle : 906.3 mg



Total CBD
6.6313%
Total CBD/Bottle : 1989.39 mg



Total Cannabinoids
9.9608%
Total Cannabinoids/Bottle : 2988.24 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	0.0453	ND	ND	0.147	6.6313	ND	3.021	ND	0.0138	ND	ND	0.1024	ND	ND	ND	ND
mg/ml	0.453	ND	ND	1.47	66.313	ND	30.21	ND	0.138	ND	ND	1.024	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: 2837, 2657, 12 Weight: 0.2014g Extraction date: 10/20/22 14:18:05 Extracted by: 2837

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 : KN003051POT Reviewed On : 10/26/22 05:53:12
Instrument Used : HPLC E-SHI-008 Batch Date : 10/20/22 11:24:51
Running on : N/A

Dilution : N/A
Reagent : 090122.02; 100422.02; 070822.R01; 101422.R17; 092622.03; 080822.06
Consumables : 294108110; 21/12/28; n/a; 947.109 B9291.271; 40532-829C4-829D; 12265-115CC-115
Pipette : E-GIL-010; E-EPP-081

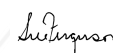
Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). All cannabinoids have an LOQ of 0.01%.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Sue Ferguson

Lab Director

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



Signature

10/27/22

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 : KN21020007-002
Harvest/Lot ID: 13678

Batch# : 196ISX/270ISX
Sampled : 10/18/22
Ordered : 10/18/22

Sample Size Received : 30 ml
Total Batch Size : N/A
Completed : 10/27/22 Expires: 10/27/23
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	3.981	0.3981	
GUAJOL	0.007	<0.2	<0.02		EUCALYPTOL	0.007	0.435	0.0435	
LIMONENE	0.007	0.667	0.0667		ISOBORNEOL	0.007	ND	ND	
LINALOOL	0.007	ND	ND		FARNESENE	0.007	ND	ND	
NEROL	0.007	ND	ND		FENCHONE	0.007	ND	ND	
OCIMENE	0.007	ND	ND		Analyzed by: 138, 12 Weight: 1.0206g Extraction date: 10/25/22 16:38:15 Extracted by: 138				
ALPHA-PHELLANDRENE	0.007	ND	ND		Analysis Method : SOP.T.40.061.TN Analytical Batch : KN003062TER Instrument Used : E-SHI-109 Terpenes Running on : N/A Reviewed On : 10/27/22 18:10:12 Batch Date : 10/24/22 13:55:00				
PULEGONE	0.007	<0.2	<0.02		Dilution : 10 Reagent : 092221.03 Consumables : 294033242; n/a; 211214634-D; 94789291.100 Pipette : E-GIL-011; E-GIL-013				
SABINENE	0.007	ND	ND		Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes.				
GAMMA-TERPINENE	0.007	ND	ND						
TERPINEOL	0.007	<0.2	<0.02						
TERPINOLENE	0.007	ND	ND						
TRANS-CARYOPHYLLENE	0.007	1.185	0.1185						
TRANS-NEROLIDOL	0.007	<0.2	<0.02						
VALENCENE	0.007	ND	ND						
ALPHA-BISABOLOL	0.007	0.509	0.0509						
ALPHA-HUMULENE	0.007	0.398	0.0398						
ALPHA-PINENE	0.007	0.386	0.0386						
ALPHA-TERPINENE	0.007	ND	ND						
BETA-MYRCENE	0.007	0.487	0.0487						
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	0.202	0.0202						
CEDROL	0.007	ND	ND						
ALPHA-CEDRENE	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
Total (%)				0.825					

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Sue Ferguson

Lab Director

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



Signature

10/27/22

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 : KN21020007-002
 Harvest/Lot ID: 13678

 Batch# : 196ISX/270ISX
 Sampled : 10/18/22
 Ordered : 10/18/22

 Sample Size Received : 30 ml
 Total Batch Size : N/A
 Completed : 10/27/22 Expires: 10/27/23
 Sample Method : SOP Client Method

Page 3 of 6



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	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	PROPICONAZOLE	0.01	ppm	1	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	PYRETHRINS	0.01	ppm	1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	SPINETORAM	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND						
CYPERMETHRIN	0.01	ppm	1	PASS	ND						
DAMINOZIDE	0.01	ppm	0.1	PASS	ND						
DIAZANON	0.01	ppm	0.2	PASS	ND						
DICHLORVOS	0.01	ppm	0.1	PASS	ND						
DIMETHOATE	0.01	ppm	0.1	PASS	ND						
DIMETHOMORPH	0.01	ppm	3	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						
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						

Analyzed by: 2803	Weight: 0.5003g	Extraction date: 10/27/22 15:32:26	Extracted by: 2803
Analysis Method : SOP.T.40.101.TN		Reviewed On : 10/27/22 16:01:21	
Analytical Batch : KN003056PES		Batch Date : 10/21/22 17:35:34	
Instrument Used : E-SHI-125 Pesticides			
Running on : N/A			
Dilution : 0.01			
Reagent : N/A			
Consumables : N/A			
Pipette : N/A			

Testing for agricultural agents is performed utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry. *Based on FL action limits.



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 : KN21020007-002
Harvest/Lot ID: 13678
Batch# : 196ISX/270ISX
Sampled : 10/18/22
Ordered : 10/18/22
Sample Size Received : 30 ml
Total Batch Size : N/A
Completed : 10/27/22 Expires: 10/27/23
Sample Method : SOP Client Method

Page 4 of 6



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
------------------	-------------	----------------------	-------------------

 Analysis Method : SOP.T.40.041.TN
 Analytical Batch : KN003053SOL
 Instrument Used : E-SHI-106 Residual Solvents
 Running on : N/A

 Reviewed On : 10/27/22 12:56:32
 Batch Date : 10/21/22 08:55:44

 Dilution : N/A
 Reagent : N/A
 Consumables : G201.100; G201.167
 Pipette : N/A

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

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Sue Ferguson

Lab Director

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

Signature

10/27/22

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 : KN21020007-002
Harvest/Lot ID: 13678
Batch# : 196ISX/270ISX
Sampled : 10/18/22
Ordered : 10/18/22
Sample Size Received : 30 ml
Total Batch Size : N/A
Completed : 10/27/22 Expires: 10/27/23
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: 1.0464g Extraction date: 10/24/22 10:09:31 Extracted by: 2805						Analyzed by: 2803 Weight: 0.5003g Extraction date: N/A Extracted by: N/A					
Analysis Method : SOP.T.40.043 Analytical Batch : KN003054MIC Instrument Used : Micro E-HEW-069 Running on : N/A						Analysis Method : SOP.T.40.101.TN Analytical Batch : KN003072MYC Instrument Used : E-SHI-125 Mycotoxins Running on : N/A					
Dilution : N/A Reagent : 092022.03; 072722.01 Consumables : 251773; 242429; 0980420; P7528255; 250346; 253850; 93825; n/a; 10RWJ0415W03; QJ032G 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						Dilution : N/A Reagent : N/A Consumables : N/A Pipette : N/A					
Reviewed On : 10/24/22 13:35:41 Batch Date : 10/21/22 09:07:22						Reviewed On : 10/27/22 16:10:24 Batch Date : 10/26/22 15:43:00					

 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, 138 Weight: 0.2508g Extraction date: 10/25/22 14:21:22 Extracted by: 2837					
Analysis Method : SOP.T.30.082, SOP.T.40.082.TN Analytical Batch : KN003066HEA Instrument Used : Metals ICP/MS Running on : N/A					
Dilution : N/A Reagent : 090122.02; 101322.R14; 031620.03; 082922.09; 081922.R08; 101422.R14; 100722.R01 Consumables : 40554-834C4-834D; 829C6-829B; 108779-06-102921; 12532-225CD-225C Pipette : E-VWR-116; E-VWR-120					
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.					



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 : KN21020007-002

Harvest/Lot ID: 13678

Batch# : 196ISX/270ISX

Sampled : 10/18/22

Ordered : 10/18/22

Sample Size Received : 30 ml

Total Batch Size : N/A

Completed : 10/27/22 Expires: 10/27/23

Sample Method : SOP Client Method

Page 6 of 6

	Filth/Foreign Material	PASSED
---	-------------------------------	---------------

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

Analyzed by: 2805	Weight: 0.5581g	Extraction date: 10/24/22 12:49:00	Extracted by: 2805
----------------------	--------------------	---------------------------------------	-----------------------

Analysis Method : SOP.T.30.074, SOP.T.40.074
Analytical Batch : KN003038FIL
Instrument Used : E-AMS-138 Microscope
Running on : N/A

Reviewed On : 10/24/22 12:50:13
Batch Date : 10/17/22 15:48:10

Dilution : N/A
Reagent : N/A
Consumables : 0980420
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.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Sue Ferguson

Lab Director

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



Signature

10/27/22

Signed On