



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: DA30127011-002
Harvest/Lot ID: JSC75022

Batch#: JSC75022
Cultivation Facility:
Processing Facility:
Distributor Facility:
Source Facility:
Seed to Sale# N/A


Batch Date: 01/23/23
Sample Size Received: 750 mg
Total Amount: 750 mg
Retail Product Size: 30 ml
Ordered: 01/23/23
Sampled: 01/23/23
Completed: 01/31/23
Sampling Method: SOP.T.20.010.FL

Jan 31, 2023 | PharmaCanna
2615 state Road 7
Wellington, FL, 33414, US






PASSED

Pages 1 of 6

PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents PASSED	 Filtration PASSED	 Water Activity NOT TESTED	 Moisture NOT TESTED	 Terpenes TESTED

 **Cannabinoid** **PASSED**

 Total THC 0.116% Total THC/Container : 32.712 mg	 Total CBD 2.83% Total CBD/Container : 798.06 mg	 Total Cannabinoids 3.145% Total Cannabinoids/Container : 886.89 mg
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	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	0.116	ND	2.83	ND	ND	0.068	ND	0.007	ND	0.009	0.115
mg/g	1.16	ND	28.3	ND	ND	0.68	ND	0.07	ND	0.09	1.15
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: 3112, 1665, 53, 2023, 1440 Analysis Method : SOP.T.40.031, SOP.T.30.031 Analytical Batch : DA055374POT Instrument Used : DA-LC-007 Running on : 01/30/23 09:38:32	Weight: 3.1588g	Extraction date: 01/30/23 09:03:38	Extracted by: 1665,3112
Dilution : 40 Reagent : 010323.01; 071222.46; 071222.01 Consumables : 239146; 280670723; CE0123; 61633-125C6-125E; R1KB14270 Pipette : DA-079; DA-108; DA-078	Reviewed On : 01/31/23 19:40:38 Batch Date : 01/29/23 21:18:44		

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



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Wellington, FL, 33414, US
Telephone: 9543050078
Email: johnny@pharmacanna.us

Sample : DA30127011-002
Harvest/Lot ID: JSC75022

Batch# : JSC75022
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Ordered : 01/23/23

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Total Amount : 750 mg
Completed : 01/31/23 Expires: 01/31/24
Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPENES	0.007	0.58	0.058	<div style="width: 58%;"></div>	ALPHA-HUMULENE	0.007	<0.2	<0.02	<div style="width: 2%;"></div>
TOTAL TERPINEOL	0.007	ND	ND	<div style="width: 0%;"></div>	VALENCENE	0.007	<0.2	<0.02	<div style="width: 0%;"></div>
ALPHA-PINENE	0.007	ND	ND	<div style="width: 0%;"></div>	CIS-NEROLIDOL	0.007	ND	ND	<div style="width: 0%;"></div>
CAMPHENE	0.007	ND	ND	<div style="width: 0%;"></div>	TRANS-NEROLIDOL	0.007	<0.2	<0.02	<div style="width: 0%;"></div>
SABINENE	0.007	ND	ND	<div style="width: 0%;"></div>	CARYOPHYLLENE OXIDE	0.007	<0.2	<0.02	<div style="width: 0%;"></div>
BETA-PINENE	0.007	ND	ND	<div style="width: 0%;"></div>	GUAJOL	0.007	0.2	0.02	<div style="width: 2%;"></div>
BETA-MYRCENE	0.007	ND	ND	<div style="width: 0%;"></div>	CEDROL	0.007	ND	ND	<div style="width: 0%;"></div>
ALPHA-PHELLANDRENE	0.007	ND	ND	<div style="width: 0%;"></div>	ALPHA-BISABOLOL	0.007	<0.2	<0.02	<div style="width: 0%;"></div>
3-CARENE	0.007	ND	ND	<div style="width: 0%;"></div>	<p>Analyzed by: 1879, 3379, 53, 1440 Weight: 1.0049g Extraction date: 01/30/23 13:11:27 Extracted by: 3379</p> <p>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : DA055365TER Reviewed On : 01/31/23 13:26:51 Instrument Used : DA-GCMS-004 Batch Date : 01/29/23 10:43:27 Running on : 01/30/23 09:17:31</p> <p>Dilution : 10 Reagent : N/A Consumables : N/A Pipette : N/A</p> <p>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.</p>				
ALPHA-TERPINENE	0.007	ND	ND	<div style="width: 0%;"></div>					
LIMONENE	0.007	<0.2	<0.02	<div style="width: 2%;"></div>					
EUCALYPTOL	0.007	ND	ND	<div style="width: 0%;"></div>					
OCIMENE	0.007	ND	ND	<div style="width: 0%;"></div>					
GAMMA-TERPINENE	0.007	ND	ND	<div style="width: 0%;"></div>					
SABINENE HYDRATE	0.007	ND	ND	<div style="width: 0%;"></div>					
TERPINOLENE	0.007	<0.2	<0.02	<div style="width: 2%;"></div>					
FENCHONE	0.007	<0.2	<0.02	<div style="width: 2%;"></div>					
LINALOOL	0.007	<0.2	<0.02	<div style="width: 2%;"></div>					
FENCHYL ALCOHOL	0.007	<0.2	<0.02	<div style="width: 2%;"></div>					
ISOPULEGOL	0.007	ND	ND	<div style="width: 0%;"></div>					
CAMPHOR	0.013	<0.4	<0.04	<div style="width: 4%;"></div>					
ISOBORNEOL	0.007	ND	ND	<div style="width: 0%;"></div>					
BORNEOL	0.013	<0.4	<0.04	<div style="width: 4%;"></div>					
HEXAHYDROTHYMOL	0.007	ND	ND	<div style="width: 0%;"></div>					
NEROL	0.007	ND	ND	<div style="width: 0%;"></div>					
PULEGONE	0.007	ND	ND	<div style="width: 0%;"></div>					
GERANIOL	0.007	ND	ND	<div style="width: 0%;"></div>					
GERANYL ACETATE	0.007	ND	ND	<div style="width: 0%;"></div>					
ALPHA-CEDRENE	0.007	<0.2	<0.02	<div style="width: 2%;"></div>					
BETA-CARYOPHYLLENE	0.007	0.31	0.031	<div style="width: 3.1%;"></div>					
FARNESENE	0	0.07	0.007	<div style="width: 0.7%;"></div>					
Total (%)			0.058	<div style="width: 5.8%;"></div>					



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Sample : DA30127011-002
Harvest/Lot ID: JSC75022

Batch# : JSC75022
Sampled : 01/23/23
Ordered : 01/23/23

Sample Size Received : 750 mg
Total Amount : 750 mg
Completed : 01/31/23 Expires: 01/31/24
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
CHLORANTRANILPROLE	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, 53, 1440 **Weight:** 0.2368g **Extraction date:** 01/30/23 14:07:29 **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: DA055391PES **Reviewed On:** 01/31/23 11:06:46
Instrument Used: DA-LCMS-003 (PES) **Batch Date:** 01/30/23 09:33:46
Running on: 01/30/23 14:07:40
Dilution: 250
Reagent: 012323.R41; 012623.R35; 122322.R05; 012423.R14; 012423.R21; 012523.R05; 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: 450, 53, 1440, 585 **Weight:** 0.2368g **Extraction date:** 01/30/23 14:07:29 **Extracted by:** 585
Analysis Method: SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL (Gainesville)
Analytical Batch: DA055393VOL **Reviewed On:** 01/31/23 11:04:04
Instrument Used: DA-GCMS-006 **Batch Date:** 01/30/23 09:35:51
Running on: N/A
Dilution: 250
Reagent: 122322.R05; 040521.11; 011723.R20; 011723.R29
Consumables: 6676024-02; 14725401
Pipette: DA-080; DA-146
 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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 Batch# : JSC75022
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 Completed : 01/31/23 Expires: 01/31/24
 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	ND
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, 53, 1440, 585	Weight: 0.0264g	Extraction date: 01/31/23 10:07:21	Extracted by: 850
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Analysis Method : SOP.T.40.041.FL	Reviewed On : 01/31/23 11:10:26
Analytical Batch : DA055394SOL	Batch Date : 01/30/23 09:47:19
Instrument Used : DA-GCMS-003	
Running on : 01/31/23 10:30:30	

Dilution : 1
 Reagent : 030420.09
 Consumables : 426108; KF140
 Pipette : DA-306 10uL Syringe 35031

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



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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	
ASPERGILLUS FLAVUS			Not Present	PASS	
ASPERGILLUS FUMIGATUS			Not Present	PASS	
ASPERGILLUS TERREUS			Not Present	PASS	
ASPERGILLUS NIGER			Not Present	PASS	
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000

Analyzed by: 3621, 3336, 585, 1440
Weight: 0.9692g
Extraction date: 01/28/23 13:43:47
Extracted by: 3621

Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL
Analytical Batch : DA055334MIC
Instrument Used : DA-265 Gene-UP RTPCR
Running on : 01/28/23 16:15:20

Dilution : N/A
Reagent : 010423.25; 111822.05; 012423.R27
Consumables : 2112100
Pipette : N/A

Analyzed by: 3621, 3390, 53, 1440
Weight: 1.2g
Extraction date: 01/28/23 13:49:26
Extracted by: 3621

Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL
Analytical Batch : DA055337TYM
Instrument Used : Incubator (25-27C) DA-097
Running on : 01/28/23 16:20:02

Dilution : 10
Reagent : 110822.21; 013123.R21
Consumables : N/A
Pipette : DA-212

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, 53, 1440
Weight: 0.2368g
Extraction date: 01/30/23 14:07:29
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 : DA055392MYC
Instrument Used : DA-LCMS-003 (MYC)
Running on : 01/30/23 14:07:54

Dilution : 250
Reagent : 012323.R41; 012623.R35; 122322.R05; 012423.R14; 012423.R21; 012523.R05; 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					
ARSENIC	0.11	ppm	ND	PASS	5
CADMIUM	0.02	ppm	ND	PASS	1.5
MERCURY	0.02	ppm	ND	PASS	0.5
LEAD	0.02	ppm	ND	PASS	3
	0.05	ppm	ND	PASS	0.5

Analyzed by: 1022, 53, 1440, 585
Weight: 0.4615g
Extraction date: 01/30/23 10:24:28
Extracted by: 1022, 3619

Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL
Analytical Batch : DA055370HEA
Instrument Used : DA-ICPMS-003
Running on : 01/30/23 14:31:13

Dilution : 50
Reagent : 012523.R01; 121922.R11; 123022.R14; 012723.R21; 012023.R05; 012723.R19; 012723.R20; 012323.R43; 011923.R10; 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	Reviewed On : 01/29/23 21:38:43
Analytical Batch : DA055362FIL	Batch Date : 01/29/23 10:40:06
Instrument Used : Filth/Foreign Material Microscope	
Running on : 01/29/23 21:21:01	

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.