



Certificate of Analysis

Sample:GA20629001-002
Harvest/Lot ID: SOFG101-2206-10845
Batch#: THC-DIS-042222
Cultivation Facility: Gainesville Cultivation
Processing Facility : Gainesville Processing
Seed to Sale# SOFG101-2206-10845
Batch Date: 06/25/22
Sample Size Received: 338 gram
Total Batch Size: 2604 units
Retail Product Size: 26 gram
Ordered : 06/29/22
Sampled : 06/29/22
Completed: 07/02/22
Sampling Method: SOP.T.20.010.FL
PASSED



Page 1 of 5

Jul 02, 2022 | Liberty Health Sciences, FL

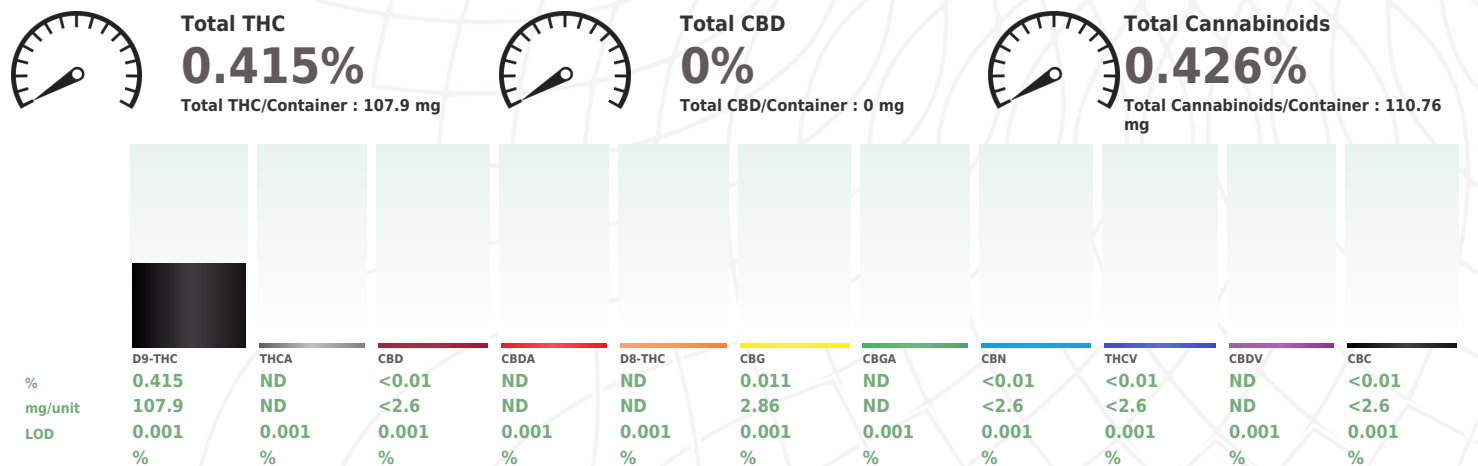
18770 N CR 225

Gainesville, FL, 32609, US



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

	Cannabinoid	PASSED
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Analyzed by: 3404, 3600, 2507, 1541
Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA046100POT
Instrument Used : GA-HPLC-002 2040C
Running on : 06/29/22 17:58:34

Weight: 3.0832g
Extraction date: 06/29/22 15:34:08
Extracted by: 3600

Reviewed On : 07/01/22 16:34:29
Batch Date : 06/28/22 16:37:56

Dilution : 40
Reagent : 020322.R09; 010421.48; 060922.11; 092920.12; 061621.03; 060422.R40; 060822.R51
Consumables : 947.271; H20364; 9291.271; LLS-00-0005; 12455-202CD-202C; RONB32898; 000000146137; 944C4 944; 210268; 206639
Pipette : GA-001; GA-002; GA-004; GA-011; GA-169 (Dispenser); GA-196; GA-209 Dispenser

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



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Page 2 of 5



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	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	PYRETHRINS	0.01	ppm	1	PASS	ND
ACEQUINOXYL	0.01	ppm	2	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
BOSCALID	0.01	PPM	3	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	CAPTAN *	0.07	PPM	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
CLOFENTZINE	0.01	ppm	0.5	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	CYFLUTHRIN *	0.05	PPM	1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	1	PASS	ND
DIAZINON	0.01	ppm	3	PASS	ND						
DICHLORVOS	0.01	ppm	0.1	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
DIMETHOATE	0.01	ppm	0.1	PASS	ND	3404, 3575, 3303, 1541	1.0049g	06/30/22 14:51:11	3575		
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Analysis Method : SOP.T.30.101.FL, SOP.T.30.102.FL, SOP.T.30.151.FL, SOP.T.40.101.FL, SOP.T.40.102.FL, SOP.T.40.151.FL					
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Analytical Batch : GA046102PES			Reviewed On : 07/01/22 11:43:28		
ETOXAZOLE	0.01	ppm	1.5	PASS	ND	Instrument Used : GA-LCMS-001 PES			Batch Date : 06/28/22 16:39:40		
FENHEXAMID	0.01	ppm	3	PASS	ND	Running on : 06/30/22 17:06:11					
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Dilution : 10					
FENPYROXIMATE	0.01	ppm	2	PASS	ND	Reagent : 060422.R38; 060422.R36; 061222.R01; 011122.06					
FIPRONIL	0.01	ppm	0.1	PASS	ND	Consumables : 947.271; 470228-424; 9291.271; LLS-00-0005; 89012-780; 296055173; 210268					
FLONICAMID	0.01	ppm	2	PASS	ND	Pipette : GA-150; GA-210 Dispenser					
FLUDIOXONIL	0.01	ppm	3	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
HEXYTHIAZOX	0.01	ppm	2	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
IMAZALIL	0.01	ppm	0.1	PASS	ND	N/A	N/A	N/A	N/A		
IMIDACLOPRID	0.01	ppm	1	PASS	ND	Analysis Method : SOP.T.30.060, SOP.T.40.060					
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND	Analytical Batch : GA046225VOL			Reviewed On : 07/01/22 09:55:48		
MALATHION	0.01	ppm	2	PASS	ND	Instrument Used : GA-GCMS-006			Batch Date : 06/30/22 15:35:00		
METALAXYL	0.01	ppm	3	PASS	ND	Running on : 07/01/22 08:13:31					
METHIOCARB	0.01	ppm	0.1	PASS	ND	Dilution : 100					
METHOMYL	0.01	ppm	0.1	PASS	ND	Reagent : 060422.R38; 060422.R36; 061222.R01; 011122.06; 061522.R52					
MEVINPHOS	0.01	ppm	0.1	PASS	ND	Consumables : 947.271; 470228-424; 9291.271; LLS-00-0005; 89012-780; 296055173; 210268;					
MYCLOBUTANIL	0.01	ppm	3	PASS	ND	15144001; 944C4 944J; 206639					
NALED	0.01	ppm	0.5	PASS	ND	Pipette : GA-004; GA-146; GA-150; GA-210 Dispenser					
OXAMYL	0.01	ppm	0.5	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND						
PHOSMET	0.01	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND						
PRALLETHRIN	0.01	ppm	0.4	PASS	ND						



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Batch# : THC-DIS-042222

Sampled : 06/29/22

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Sample Size Received : 338 gram

Total Batch Size : 2604 units

Completed : 07/02/22 Expires: 07/02/23

Sample Method : SOP.T.20.010

Page 3 of 5



Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
METHANOL	25	ppm	250	PASS	ND
ETHANOL	500	ppm	5000	PASS	<2500
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

 Analyzed by:
 N/A

 Weight:
 N/A

 Extraction date:
 N/A

 Extracted by:
 N/A

Analysis Method : SOP.T.40.041.FL

Analytical Batch : GA046152SOL

Instrument Used : GA-GCMS-004 QP2020NX

Running on : 06/29/22 12:45:24

Reviewed On : 06/30/22 10:48:52

Batch Date : 06/29/22 11:02:49

Dilution : N/A

Reagent : N/A

Consumables : 27296; 854996

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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Harvest/Lot ID: SOFG101-2206-10845

Batch# : THC-DIS-042222

Sampled : 06/29/22

Ordered : 06/29/22




Sample Size Received : 338 gram

Total Batch Size : 2604 units

Completed : 07/02/22 Expires: 07/02/23

Sample Method : SOP.T.20.010

Page 4 of 5

<div></div> <div>Microbial</div> <div>PASSED</div>						<div></div> <div>Mycotoxins</div> <div>PASSED</div>					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS		OCHRATOXIN A	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS			Not Present	PASS		AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		Analyzed by: 3404, 3575, 3303, 1541 Weight: 1.0049g Extraction date: 06/30/22 14:51:11 Extracted by: 3575					
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000	Analysis Method : SOP.T.30.101.FL, SOP.T.40.101.FL, SOP.T.30.102.FL, SOP.T.40.102.FL Analytical Batch : GA046224MYC Reviewed On : 07/01/22 11:44:11 Instrument Used : GA-LCMS-001 MYC Batch Date : 06/30/22 15:34:52 Running on : 06/30/22 17:06:01					
Analyzed by: 3404, 1790, 1541 Weight: 0.96g Extraction date: 07/01/22 14:59:16 Extracted by: 1790 Analysis Method : SOP.T.40.041, SOP.T.40.043, SOP.T.40.045, SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208 Analytical Batch : GA046182MIC Reviewed On : 07/02/22 08:59:16 Instrument Used : GA-MIC-001 bioMérieux Gene Up RTPCR Batch Date : 06/29/22 19:50:44 Running on : 07/01/22 15:00:35						Dilution : N/A Reagent : aflatoxin_b2; aflatoxin_b1; aflatoxin_g1; aflatoxin_g2 Consumables : 0.02; 0.02; 0.02; 0.02 Pipette : N/A Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
Dilution : 9 Reagent : 061022.03; 031922.R05; 062322.R28 Consumables : SSC006; 2030190; BUG027; ASP107; BDG200079; GA-213; 41064-115C4-115 B; 61630-123C6-123E; 8LCJ0511R; 1008776120 Pipette : GA-018; GA-021; GA-154 Microbial testing is performed utilizing various technologies including: PCR, RTPCR, MPN, and traditional culture based techniques in accordance with F.S. Rule 64ER20-39..						<div></div> <div>Heavy Metals</div> <div>PASSED</div>					
Analyzed by:	Weight:	Extraction date:	Extracted by:			Metal	LOD	Units	Result	Pass / Fail	Action Level
N/A	N/A	N/A	N/A			ARSENIC	0.02	PPM	<0.1	PASS	1.5
Analysis Method : SOP.T.40.041			Reviewed On : 07/02/22 08:59:53 Batch Date : 06/29/22 19:51:04			CADMIUM	0.02	PPM	ND	PASS	0.5
Analytical Batch : GA046183TYM						MERCURY	0.02	PPM	ND	PASS	3
Instrument Used : GA-TYM-001 bioMérieux Tempo Filler and Reader						LEAD	0.05	PPM	ND	PASS	0.5
Running on : N/A						Analyzed by: 3404, 3571, 3317, 1541 Weight: 0.5214g Extraction date: 06/30/22 10:46:26 Extracted by: 3571					
Dilution : 90 Reagent : 052622.09 Consumables : 2030190; 2304090; 2304090; GA-185; 61630-123C6-123E Pipette : GA-154						Analysis Method : SOP.T.30.081.FL, SOP.T.30.082.FL, SOP.T.40.081.FL, SOP.T.40.082.FL Analytical Batch : GA046164HEA Reviewed On : 06/30/22 16:54:32 Instrument Used : GA-ICPMS-002 Batch Date : 06/29/22 14:01:09 Running on : N/A					
Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.						Dilution : 100 Reagent : 041622.R02; 051622.R03; 041722.R01; 042022.R45; 061621.03; 052422.R35; 062222.R63; 010421.48 Consumables : L2019501; GA-194; GA-195; CGR0114; 12455-202CD-202C Pipette : GA-012; GA-183; GA-193 Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					



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Page 5 of 5


Filth/Foreign Material
PASSED
Homogeneity
PASSED

Amount of tests conducted : 24

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	1	%	ND	PASS	5

Analyzed by:	Weight:	Extraction date:	Extracted by:
3404, 3192, 1541	166.1g	06/29/22 13:54:30	3192

Analysis Method : SOP.T.30.074, SOP.T.40.074

Analytical Batch : GA046161FIL

Instrument Used : GA-Filth/Foreign Material Microscope

Running on : N/A

Reviewed On : 06/30/22 08:18:28

Batch Date : 06/29/22 13:54:09

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.


Water Activity
PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Water Activity	0.1	aw	0.638	PASS	0.85

Analyzed by:	Weight:	Extraction date:	Extracted by:
3404, 3599, 1541	2.7096g	06/29/22 15:27:22	3599

Analysis Method : SOP.T.40.019

Analytical Batch : GA046163WAT

Instrument Used : N/A

Running on : N/A

Reviewed On : 06/30/22 15:52:39

Batch Date : 06/29/22 14:00:33

Dilution : N/A

Reagent : N/A

Consumables : 107264

Pipette : N/A

Water Activity is performed using a Rotronic HygroPalm HP 23-AW in accordance with F.S. Rule 64ER20-39.

Analyte	LOD	Units	Pass/Fail	Result	Action Level
TOTAL THC - HOMOGENEITY (RSD)	0.001	%	PASS	1.981	25
TOTAL CBD - HOMOGENEITY (RSD)	0.001	%	PASS	ND	25

Analyzed by	Average Weight	Extraction date :	Extracted By :
3404, 3571, 2507, 1541	2.627g	06/29/22 16:54:33	3571

Analysis Method : SOP.T.30.111.FL, SOP.T.40.111.FL

Analytical Batch : GA046166HOM

Instrument Used : GA-HPLC-003 HOM

Running on : 06/29/22 20:29:15

Reviewed On : 06/30/22 15:58:25

Batch Date : 06/29/22 14:02:33

Dilution : 40

Reagent : 092920.12; 051822.01; 061621.03; 061122.R32; 061122.R29

Consumables : 947.271; H20364; 9291.271; LLS-00-0005; 12455-202CD-202C; 29802917; 000000146137; 944C4 944J; 210268; 206639

Pipette : GA-146; GA-151; GA-182

Homogeneity testing is performed utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.