



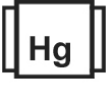










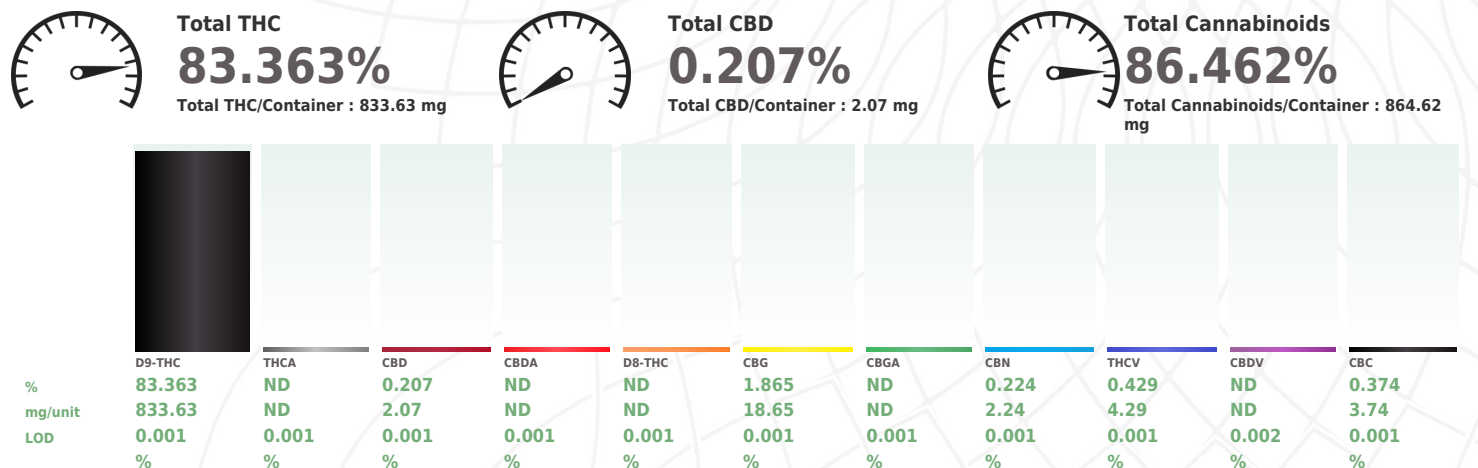
Certificate of Analysis

Sample:GA20719001-011
Harvest/Lot ID: SOFS102-2207-11933
Batch#: DF-PINA-2207-11793
Cultivation Facility: Gainesville Cultivation
Processing Facility : Gainesville Processing
Seed to Sale# SOFS102-2207-11933
Batch Date: 07/14/22
Sample Size Received: 16 gram
Total Batch Size: 1718 units
Retail Product Size: 1 gram
Ordered : 07/19/22
Sampled : 07/19/22
Completed: 07/22/22
Sampling Method: SOP.T.20.010
PASSED

Page 1 of 6

Jul 22, 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 TESTED
 Cannabinoid	PASSED								



Analyzed by: 3404, 3192, 2507, 1541	Weight: 0.101g	Extraction date: 07/20/22 09:16:52	Extracted by: 3192
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Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA047038POT
Instrument Used : GA-HPLC-001 2030C Plus
Running on : N/A

Reviewed On : 07/21/22 10:59:10
Batch Date : 07/18/22 17:12:56

Dilution : 400
Reagent : 020322.R09; 010421.48; 060922.09; 070222.R02; 070222.R08
Consumables : 947.109; H20364; 9291.271; LLS-00-0005; 12455-202CD-202C; R0NB32898; 000000146137; 944C4 944J; 210268; 212516
Pipette : GA-005; GA-146; GA-151; GA-150; GA-169 (Dispenser)

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



Certificate of Analysis

PASSED

Liberty Health Sciences, FL

18770 N CR 225

Gainesville, FL, 32609, US

Telephone: (833) 254-4877

Email: Qualityassurance@libertyhealthsciences.com

Sample : GA20719001-011

Harvest/Lot ID: SOFS102-2207-11933

Batch# : DF-PINA-2207-11793

Sampled : 07/19/22

Ordered : 07/19/22

Sample Size Received : 16 gram

Total Batch Size : 1718 units

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

Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPENES	0.007	47.08	4.708		CAMPHOR	0.013	ND	ND	
TOTAL TERPINEOL	0.007	<0.2	<0.02		BORNEOL	0.013	ND	ND	
CAMPENE	0.007	ND	ND		GERANIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	9.57	0.957		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	ND	ND		ALPHA-CEDRENE	0.007	<0.2	<0.02	
ALPHA-PHELLANDRENE	0.007	0.65	0.065		ALPHA-HUMULENE	0.007	2.5	0.25	
OCIMENE	0.007	<0.2	<0.02		TRANS-NEROLIDOL	0.007	0.52	0.052	
EUCALYPTOL	0.007	ND	ND		GUAJOL	0.007	ND	ND	
LINALOOL	0.007	0.61	0.061		Analyzed by: 3404, 3655, 3205, 3303, 2155 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA047040TER Instrument Used : GA-GCMS-002 QP2010S Running on : 07/19/22 16:49:24 Dilution : 50 Reagent : 060922.R22; 050322.48; 010421.48 Consumables : 947.109; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 210268; 212516 Pipette : GA-005; GA-011; GA-146; GA-151 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
FENCHONE	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
ISOBORNEOL	0.007	ND	ND						
HEXAHYDROTHYMOL	0.007	<0.2	<0.02		Analyzed by: 3404, 3655, 3205, 3303, 2155 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA047040TER Instrument Used : GA-GCMS-002 QP2010S Running on : 07/19/22 16:49:24 Dilution : 50 Reagent : 060922.R22; 050322.48; 010421.48 Consumables : 947.109; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 210268; 212516 Pipette : GA-005; GA-011; GA-146; GA-151 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
NEROL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND		Analyzed by: 3404, 3655, 3205, 3303, 2155 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA047040TER Instrument Used : GA-GCMS-002 QP2010S Running on : 07/19/22 16:49:24 Dilution : 50 Reagent : 060922.R22; 050322.48; 010421.48 Consumables : 947.109; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 210268; 212516 Pipette : GA-005; GA-011; GA-146; GA-151 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
BETA-CARYOPHYLLENE	0.007	5.52	0.552						
VALENCENE	0.007	1.15	0.115		Analyzed by: 3404, 3655, 3205, 3303, 2155 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA047040TER Instrument Used : GA-GCMS-002 QP2010S Running on : 07/19/22 16:49:24 Dilution : 50 Reagent : 060922.R22; 050322.48; 010421.48 Consumables : 947.109; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 210268; 212516 Pipette : GA-005; GA-011; GA-146; GA-151 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
CIS-NEROLIDOL	0.007	ND	ND						
CEDROL	0.007	ND	ND		Analyzed by: 3404, 3655, 3205, 3303, 2155 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA047040TER Instrument Used : GA-GCMS-002 QP2010S Running on : 07/19/22 16:49:24 Dilution : 50 Reagent : 060922.R22; 050322.48; 010421.48 Consumables : 947.109; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 210268; 212516 Pipette : GA-005; GA-011; GA-146; GA-151 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
CARYOPHYLLENE OXIDE	0.007	ND	ND						
FARNESENE	0	<0.01	ND		Analyzed by: 3404, 3655, 3205, 3303, 2155 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA047040TER Instrument Used : GA-GCMS-002 QP2010S Running on : 07/19/22 16:49:24 Dilution : 50 Reagent : 060922.R22; 050322.48; 010421.48 Consumables : 947.109; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 210268; 212516 Pipette : GA-005; GA-011; GA-146; GA-151 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
ALPHA-BISABOLOL	0.007	1.32	0.132						
ALPHA-PINENE	0.007	10.75	1.075		Analyzed by: 3404, 3655, 3205, 3303, 2155 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA047040TER Instrument Used : GA-GCMS-002 QP2010S Running on : 07/19/22 16:49:24 Dilution : 50 Reagent : 060922.R22; 050322.48; 010421.48 Consumables : 947.109; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 210268; 212516 Pipette : GA-005; GA-011; GA-146; GA-151 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	5.49	0.549		Analyzed by: 3404, 3655, 3205, 3303, 2155 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA047040TER Instrument Used : GA-GCMS-002 QP2010S Running on : 07/19/22 16:49:24 Dilution : 50 Reagent : 060922.R22; 050322.48; 010421.48 Consumables : 947.109; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 210268; 212516 Pipette : GA-005; GA-011; GA-146; GA-151 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	6.78	0.678		Analyzed by: 3404, 3655, 3205, 3303, 2155 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA047040TER Instrument Used : GA-GCMS-002 QP2010S Running on : 07/19/22 16:49:24 Dilution : 50 Reagent : 060922.R22; 050322.48; 010421.48 Consumables : 947.109; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 210268; 212516 Pipette : GA-005; GA-011; GA-146; GA-151 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
GAMMA-TERPINENE	0.007	0.44	0.044						
TERPINOLENE	0.007	1.57	0.157		Analyzed by: 3404, 3655, 3205, 3303, 2155 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA047040TER Instrument Used : GA-GCMS-002 QP2010S Running on : 07/19/22 16:49:24 Dilution : 50 Reagent : 060922.R22; 050322.48; 010421.48 Consumables : 947.109; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 210268; 212516 Pipette : GA-005; GA-011; GA-146; GA-151 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	0.21	0.021		Analyzed by: 3404, 3655, 3205, 3303, 2155 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA047040TER Instrument Used : GA-GCMS-002 QP2010S Running on : 07/19/22 16:49:24 Dilution : 50 Reagent : 060922.R22; 050322.48; 010421.48 Consumables : 947.109; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 210268; 212516 Pipette : GA-005; GA-011; GA-146; GA-151 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
Total (%)			4.708						



Certificate of Analysis

PASSED

Liberty Health Sciences, FL

18770 N CR 225

Gainesville, FL, 32609, US

Telephone: (833) 254-4877

Email: Qualityassurance@libertyhealthsciences.com

Sample : GA20719001-011

Harvest/Lot ID: SOFS102-2207-11933

Batch# : DF-PINA-2207-11793

Sampled : 07/19/22

Ordered : 07/19/22


Sample Size Received : 16 gram

Total Batch Size : 1718 units

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

Sample Method : SOP.T.20.010

Page 3 of 6

<div>  Pesticides </div>						<div> PASSED </div>					
Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	PPM	5	PASS	ND	PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
TOTAL DIMETHOMORPH	0.01	PPM	0.2	PASS	ND	PHOSMET	0.01	ppm	0.1	PASS	ND
TOTAL PERMETHRIN	0.01	ppm	0.1	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
TOTAL SPINETORAM	0.01	PPM	0.2	PASS	ND	PRALLETHRIN	0.01	ppm	0.1	PASS	ND
TOTAL SPINOSAD	0.01	ppm	0.1	PASS	ND	PROCONAZOLE	0.01	ppm	0.1	PASS	ND
ABAMECTIN B1A	0.01	ppm	0.1	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACEPHATE	0.01	ppm	0.1	PASS	ND	PYRETHRINS	0.01	ppm	0.5	PASS	ND
ACEQUINOXYL	0.01	ppm	0.1	PASS	ND	PYRIDABEN	0.01	ppm	0.2	PASS	ND
ACETAMIPRID	0.01	ppm	0.1	PASS	ND	SPIROMESIFEN	0.01	ppm	0.1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROTETRAMAT	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	0.1	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
BIFENAZATE	0.01	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.01	ppm	0.1	PASS	ND
BIFENTHRIN	0.01	ppm	0.1	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
BOSCALID	0.01	PPM	0.1	PASS	ND	THIAMETHOXAM	0.01	ppm	0.5	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	0.1	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.15	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	1	PASS	ND	CAPTAN *	0.07	PPM	0.7	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
CLOFENTHINE	0.01	ppm	0.2	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	CYFLUTHRIN *	0.05	PPM	0.5	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	0.5	PASS	ND
DIAZINON	0.01	ppm	0.1	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, 3655, 3192, 3303, 3317	1.0263g	07/20/22 09:44:52	3655		
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 : GA047041PES		Reviewed On : 07/21/22 11:10:05			
ETOXAZOLE	0.01	ppm	0.1	PASS	ND	Instrument Used : GA-LCMS-001 PES		Batch Date : 07/18/22 17:14:16			
FENHEXAMID	0.01	ppm	0.1	PASS	ND	Running on : 07/20/22 12:24:36					
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Dilution : 10					
FENPYROXIMATE	0.01	ppm	0.1	PASS	ND	Reagent : 061922.R02; 061922.R04; 070822.R34; 050621.01					
FIPRONIL	0.01	ppm	0.1	PASS	ND	Consumables : 947.109; H20364; LLS-00-0005; 89012-780; 296055173; 210268					
FLONICAMID	0.01	ppm	0.1	PASS	ND	Pipette : GA-002					
FLUDIOXONIL	0.01	ppm	0.1	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	0.1	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
IMAZALIL	0.01	ppm	0.1	PASS	ND	3404, 3192, 3317, 3303	1.0263g	07/20/22 09:44:52	3655		
IMIDACLOPRID	0.01	ppm	0.4	PASS	ND	Analysis Method : SOP.T.30.060, SOP.T.40.060					
KRESOXIM-METHYL	0.01	ppm	0.1	PASS	ND	Analytical Batch : GA047155VOL		Reviewed On : 07/21/22 11:24:19			
MALATHION	0.01	ppm	0.2	PASS	ND	Instrument Used : GA-GCMS-006		Batch Date : 07/20/22 11:25:55			
METALAXYL	0.01	ppm	0.1	PASS	ND	Running on : 07/20/22 14:17:53					
METHIOCARB	0.01	ppm	0.1	PASS	ND	Dilution : 100					
METHOMYL	0.01	ppm	0.1	PASS	ND	Reagent : 061922.R02; 061922.R04; 070822.R34; 050621.01; 070822.R07					
MEVINPHOS	0.01	ppm	0.1	PASS	ND	Consumables : 947.109; H20364; LLS-00-0005; 89012-780; 296055173; 55447-U.11925903; 944C4 944; 210268; 212516					
MYCLOBUTANIL	0.01	ppm	0.1	PASS	ND	Pipette : GA-002; GA-006; GA-013					
NALED	0.01	ppm	0.25	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.					
OXAMYL	0.01	ppm	0.5	PASS	ND						



Certificate of Analysis

PASSED

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Gainesville, FL, 32609, US

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Sample : GA20719001-011

Harvest/Lot ID: SOFS102-2207-11933

Batch# : DF-PINA-2207-11793 Sample Size Received : 16 gram

Sampled : 07/19/22

Ordered : 07/19/22

Total Batch Size : 1718 units

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

Sample Method : SOP.T.20.010

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Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
METHANOL	25	ppm	250	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
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
TOTAL XYLENES	15	ppm	150	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	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 : GA04707450L

Instrument Used : GA-GCMS-004 QP2020NX

Running on : 07/19/22 12:57:15

Reviewed On : 07/20/22 12:04:41

Batch Date : 07/19/22 10:33:06

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.



Certificate of Analysis




PASSED

Liberty Health Sciences, FL

 18770 N CR 225
 Gainesville, FL, 32609, US
 Telephone: (833) 254-4877
 Email: Qualityassurance@libertyhealthsciences.com

 Sample : GA20719001-011
 Harvest/Lot ID: SOFS102-2207-11933
 Batch# : DF-PINA-2207-11793 Sample Size Received : 16 gram
 Sampled : 07/19/22 Total Batch Size : 1718 units
 Ordered : 07/19/22 Completed : 07/22/22 Expires: 07/22/23
 Sample Method : SOP.T.20.010

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<div>MicrobialPASSED</div>						<div><div></div>MycotoxinsPASSED</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							
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000						
Analyzed by: 3404, 1790, 3209, 2821, 1541			Weight: 0.94g		Extraction date: 07/19/22 14:16:27	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						Analysis Method : SOP.T.30.101.FL, SOP.T.40.101.FL, SOP.T.30.102.FL, SOP.T.40.102.FL					
Analytical Batch : GA047096MIC			Reviewed On : 07/22/22 08:11:53			Analytical Batch : GA047156MYC			Reviewed On : 07/21/22 11:13:20		
Instrument Used : GA-TYM-001 Tempo Filler and Reader			Batch Date : 07/19/22 14:08:28			Instrument Used : GA-LCMS-001 MYC			Batch Date : 07/20/22 11:26:00		
Running on : 07/19/22 15:53:29						Running on : 07/20/22 12:26:03					
Dilution : 90						Dilution : 10					
Reagent : 060122.05; 032822.02						Reagent : 061922.R02; 061922.R04; 070822.R34; 050621.01					
Consumables : 2303260; 2303190; 2304090; 2305240; 61630-123C6-123E						Consumables : 947.109; H20364; LLS-00-0005; 89012-780; 296055173; 944C4 944J; 210268; 212516					
Pipette : GA-154; GA-186; GA-213						Pipette : GA-002; GA-006; GA-013					
Microbial testing is performed utilizing various technologies including: PCR, RTPCR, MPN, and traditional culture based techniques in accordance with F.S. Rule 64ER20-39..						Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
<div><div></div>Heavy MetalsPASSED</div>											
Metal	LOD	Units	Result	Pass / Fail	Action Level	Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.11	PPM	ND	PASS	1.1	TOTAL CONTAMINANT LOAD METALS	0.11	PPM	ND	PASS	1.1
ARSENIC	0.02	PPM	ND	PASS	0.2	ARSENIC	0.02	PPM	ND	PASS	0.2
CADMIUM	0.02	PPM	ND	PASS	0.2	CADMIUM	0.02	PPM	ND	PASS	0.2
MERCURY	0.02	PPM	ND	PASS	0.2	MERCURY	0.02	PPM	ND	PASS	0.2
LEAD	0.05	PPM	ND	PASS	0.5	LEAD	0.05	PPM	ND	PASS	0.5
Analyzed by: 3404, 3571, 3317, 1541			Weight: 0.5035g		Extraction date: 07/20/22 10:35:54	Extracted by: 3571					
Analysis Method : SOP.T.30.081.FL, SOP.T.30.082.FL, SOP.T.40.081.FL, SOP.T.40.082.FL						Analysis Method : SOP.T.30.081.FL, SOP.T.30.082.FL, SOP.T.40.081.FL, SOP.T.40.082.FL					
Analytical Batch : GA047039HEA						Analytical Batch : GA047039HEA					
Instrument Used : GA-ICPMS-002						Instrument Used : GA-ICPMS-002					
Running on : N/A						Running on : N/A					
Dilution : 100						Dilution : 100					
Reagent : 052422.R35; 070522.R18; 010421.51; 071522.04; 071522.R33; 071922.R23; 071922.R24; 042022.R45						Reagent : 052422.R35; 070522.R18; 010421.51; 071522.04; 071522.R33; 071922.R23; 071922.R24; 042022.R45					
Consumables : GA-194; GA-195; CGR0114; 12455-202CD-202C; 210268; L2019501						Consumables : GA-194; GA-195; CGR0114; 12455-202CD-202C; 210268; L2019501					
Pipette : GA-012; GA-183; GA-193						Pipette : GA-012; GA-183; GA-193					
Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.						Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					



Certificate of Analysis

PASSED

Liberty Health Sciences, FL

18770 N CR 225

Gainesville, FL, 32609, US

Telephone: (833) 254-4877

Email: Qualityassurance@libertyhealthsciences.com

Sample : GA20719001-011

Harvest/Lot ID: SOFS102-2207-11933

Batch# : DF-PINA-2207-11793 Sample Size Received : 16 gram

Sampled : 07/19/22

Ordered : 07/19/22

Total Batch Size : 1718 units

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

Sample Method : SOP.T.20.010

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Filth/Foreign Material

PASSED

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

Analyzed by: 3404, 3134, 1541	Weight: 15.1g	Extraction date: 07/19/22 13:00:17	Extracted by: 3134
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Analysis Method : SOP.T.30.074, SOP.T.40.074

Analytical Batch : GA047087FIL

Reviewed On : 07/19/22 15:53:03

Instrument Used : GA-Filth/Foreign Material Microscope

Batch Date : 07/19/22 12:59:22

Running on : N/A

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	0.642	PASS	0.85

Analyzed by: 3404, 3655, 2507	Weight: 0.5344g	Extraction date: 07/20/22 09:46:38	Extracted by: 3655
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Analysis Method : SOP.T.40.019

Analytical Batch : GA047095WAT

Reviewed On : 07/20/22 12:21:32

Instrument Used : GA-085 Rotronic HygroPalm

Batch Date : 07/19/22 13:48:02

Running on : N/A

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.