



Certificate of Analysis

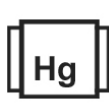
Sample:GA20625001-011
Harvest/Lot ID: HVFV110-2206-10507
Batch#: DF-HGDP-2206-9788
Cultivation Facility: Gainesville Cultivation
Processing Facility : Gainesville Processing
Seed to Sale# HVFV110-2206-10507
Batch Date: 06/21/22
Sample Size Received: 16 gram
Total Batch Size: 2263 gram
Retail Product Size: 1 gram
Ordered : 06/25/22
Sampled : 06/25/22
Completed: 06/28/22
Sampling Method: SOP.T.20.010.FL
PASSED

Page 1 of 6

Jun 28, 2022 | Liberty Health Sciences, FL
18770 N CR 225
Gainesville, FL, 32609, US

PRODUCT IMAGE

SAFETY RESULTS

Pesticides
PASSED

Heavy Metals
PASSED

Microbials
PASSED

Mycotoxins
PASSED

Residuals Solvents
PASSED

Filtration
PASSED

Water Activity
PASSED

Moisture
NOT TESTED

Terpenes
TESTED
MISC.

Cannabinoid
PASSED

Total THC
85.654%
Total THC/Container : 856.54 mg

Total CBD
0%
Total CBD/Container : 0 mg

Total Cannabinoids
90.034%
Total Cannabinoids/Container : 900.34 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	85.654	ND	ND	ND	ND	2.629	ND	0.345	0.488	ND	0.918
mg/g	856.54	ND	ND	ND	ND	26.29	ND	3.45	4.88	ND	9.18
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:
3404, 2821, 3205, 2338

Weight:
0.101g

Extraction date:
06/26/22 12:59:35

Extracted by:
2821

Analysis Method : SOP.T.40.031, SOP.T.30.031

Analytical Batch : GA045954POT

Instrument Used : GA-HPLC-003 2030C PDA

Running on : 06/26/22 15:00:31

Reviewed On : 06/27/22 11:55:47

Batch Date : 06/25/22 08:19:39

Dilution : 400

Reagent : 020322.R09; 010421.48; 060922.11; 061122.R32; 061122.R29

Consumables : 947.271; 470228-424; 9291.271; LLS-00-0005; 12400-133CD-133C; R0NB32898; 000000146137; 41064115C4115B; 210268; 206639

Pipette : GA-005; GA-149; GA-153; GA-169 (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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Liberty Health Sciences, FL

18770 N CR 225

Gainesville, FL, 32609, US

Telephone: (833) 254-4877

Email: Qualityassurance@libertyhealthsciences.com

Sample : GA20625001-011

Harvest/Lot ID: HVFV110-2206-10507

Batch# : DF-HGDP-2206-9788 Sample Size Received : 16 gram

Sampled : 06/25/22

Ordered : 06/25/22

Total Batch Size : 2263 gram

Completed : 06/28/22 Expires: 06/28/23

Sample Method : SOP.T.20.010

Page 2 of 6



Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPHENE	0.007	<0.2	<0.02		GERANIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	13.16	1.316		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	<0.2	<0.02		ALPHA-CEDRENE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	1.09	0.109		ALPHA-HUMULENE	0.007	2.08	0.208	
OCIMENE	0.007	0.58	0.058		TRANS-NEROLIDOL	0.007	ND	ND	
EUCALYPTOL	0.007	ND	ND		GUAJOL	0.007	ND	ND	
LINALOOL	0.007	1.97	0.197		Analyzed by: 3404, 3134, 3205, 2338 Weight: 1.0184g Extraction date: 06/26/22 10:16:59 Extracted by: 3134				
FENCHONE	0.007	ND	ND		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA045975TER Instrument Used : GA-GCMS-002 QP2010S Running on : 06/26/22 12:30:28 Reviewed On : 06/27/22 12:03:23 Batch Date : 06/25/22 14:24:48				
ISOPULEGOL	0.007	ND	ND		Dilution : 50 Reagent : 060922.R22; 050322.49; 010421.51 Consumables : 947.271; H20364; 9291.271; LLS-00-0005; 210419634; R0NB32898; 000000146137; 944C4 944j; 209598; 206639 Pipette : GA-002; GA-006; GA-013; GA-211 Dispenser				
ISOBORNEOL	0.007	ND	ND		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	<0.2	<0.02						
GERANYL ACETATE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	7.28	0.728						
VALENCENE	0.007	2.49	0.249						
CIS-NEROLIDOL	0.007	ND	ND						
CEDROL	0.007	ND	ND						
FARNESENE	0	<0.01	ND						
CARYOPHYLLENE OXIDE	0.007	1.04	0.104						
ALPHA-BISABOLOL	0.007	1.08	0.108						
ALPHA-PINENE	0.007	5.77	0.577						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	1.16	0.116						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	1.07	0.107						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	0.39	0.039						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	<0.2	<0.02						
CAMPHOR	0.013	ND	ND						
BORNEOL	0.013	ND	ND						
Total (%)			3.916						



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Sample : GA20625001-011

Harvest/Lot ID: HVFV110-2206-10507

Batch# : DF-HGDP-2206-9788 Sample Size Received : 16 gram

Sampled : 06/25/22

Total Batch Size : 2263 gram

Ordered : 06/25/22

Completed : 06/28/22 Expires: 06/28/23

Sample Method : SOP.T.20.010

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	0.1	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
ACEQUINOCYL	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
CLOFENTZINE	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	Analyzed by: 3404, 3134, 2338, 3298 Weight: 0.9234g Extraction date: 06/26/22 13:22:38 Extracted by: 3134 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 Analytical Batch : GA045980PES Reviewed On : 06/27/22 10:59:38 Instrument Used : GA-LCMS-001 PES Batch Date : 06/25/22 14:44:21 Running on : 06/26/22 18:06:12 Dilution : 10 Reagent : 061222.R01; 050621.01; 060422.R38; 060422.R36 Consumables : 947.271; 470228-424; 9291.271; LLS-00-0005; 210419634; 296055173; 41064115C41158; 209598; 206639 Pipette : GA-002; GA-006; GA-013; GA-210 Dispenser 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.					
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	Analyzed by: NA Weight: NA Extraction date: NA Extracted by: NA Analysis Method : SOP.T.30.060, SOP.T.40.060 Analytical Batch : GA046004VOL Reviewed On : 06/27/22 10:57:23 Instrument Used : GA-GCMS-006 Batch Date : 06/26/22 16:27:02 Running on : 06/26/22 18:10:22 Dilution : 100 Reagent : 061222.R01; 050621.01; 061522.R52 Consumables : 947.271; 470228-424; 9291.271; LLS-00-0005; 210419634; 296055173; 41064115C41158; 209598; 206639; 15024701 Pipette : GA-002; GA-006; GA-013; GA-210 Dispenser 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.					
ETOXAZOLE	0.01	ppm	0.1	PASS	ND						
FENHEXAMID	0.01	ppm	0.1	PASS	ND						
FENOXYCARB	0.01	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.01	ppm	0.1	PASS	ND	Analyzed by: NA Weight: NA Extraction date: NA Extracted by: NA Analysis Method : SOP.T.30.060, SOP.T.40.060 Analytical Batch : GA046004VOL Reviewed On : 06/27/22 10:57:23 Instrument Used : GA-GCMS-006 Batch Date : 06/26/22 16:27:02 Running on : 06/26/22 18:10:22 Dilution : 100 Reagent : 061222.R01; 050621.01; 061522.R52 Consumables : 947.271; 470228-424; 9291.271; LLS-00-0005; 210419634; 296055173; 41064115C41158; 209598; 206639; 15024701 Pipette : GA-002; GA-006; GA-013; GA-210 Dispenser 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.					
FIPRONIL	0.01	ppm	0.1	PASS	ND						
FLONICAMID	0.01	ppm	0.1	PASS	ND						
FLUDIOXONIL	0.01	ppm	0.1	PASS	ND						
HEXYTHIAZOX	0.01	ppm	0.1	PASS	ND	Analyzed by: NA Weight: NA Extraction date: NA Extracted by: NA Analysis Method : SOP.T.30.060, SOP.T.40.060 Analytical Batch : GA046004VOL Reviewed On : 06/27/22 10:57:23 Instrument Used : GA-GCMS-006 Batch Date : 06/26/22 16:27:02 Running on : 06/26/22 18:10:22 Dilution : 100 Reagent : 061222.R01; 050621.01; 061522.R52 Consumables : 947.271; 470228-424; 9291.271; LLS-00-0005; 210419634; 296055173; 41064115C41158; 209598; 206639; 15024701 Pipette : GA-002; GA-006; GA-013; GA-210 Dispenser 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.					
IMAZALIL	0.01	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.01	ppm	0.4	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	0.1	PASS	ND						
MALATHION	0.01	ppm	0.2	PASS	ND	Analyzed by: NA Weight: NA Extraction date: NA Extracted by: NA Analysis Method : SOP.T.30.060, SOP.T.40.060 Analytical Batch : GA046004VOL Reviewed On : 06/27/22 10:57:23 Instrument Used : GA-GCMS-006 Batch Date : 06/26/22 16:27:02 Running on : 06/26/22 18:10:22 Dilution : 100 Reagent : 061222.R01; 050621.01; 061522.R52 Consumables : 947.271; 470228-424; 9291.271; LLS-00-0005; 210419634; 296055173; 41064115C41158; 209598; 206639; 15024701 Pipette : GA-002; GA-006; GA-013; GA-210 Dispenser 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.					
METALAXYL	0.01	ppm	0.1	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	Analyzed by: NA Weight: NA Extraction date: NA Extracted by: NA Analysis Method : SOP.T.30.060, SOP.T.40.060 Analytical Batch : GA046004VOL Reviewed On : 06/27/22 10:57:23 Instrument Used : GA-GCMS-006 Batch Date : 06/26/22 16:27:02 Running on : 06/26/22 18:10:22 Dilution : 100 Reagent : 061222.R01; 050621.01; 061522.R52 Consumables : 947.271; 470228-424; 9291.271; LLS-00-0005; 210419634; 296055173; 41064115C41158; 209598; 206639; 15024701 Pipette : GA-002; GA-006; GA-013; GA-210 Dispenser 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.					
MYCLOBUTANIL	0.01	ppm	0.1	PASS	ND						
NALED	0.01	ppm	0.25	PASS	ND						
OXAMYL	0.01	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND	Analyzed by: NA Weight: NA Extraction date: NA Extracted by: NA Analysis Method : SOP.T.30.060, SOP.T.40.060 Analytical Batch : GA046004VOL Reviewed On : 06/27/22 10:57:23 Instrument Used : GA-GCMS-006 Batch Date : 06/26/22 16:27:02 Running on : 06/26/22 18:10:22 Dilution : 100 Reagent : 061222.R01; 050621.01; 061522.R52 Consumables : 947.271; 470228-424; 9291.271; LLS-00-0005; 210419634; 296055173; 41064115C41158; 209598; 206639; 15024701 Pipette : GA-002; GA-006; GA-013; GA-210 Dispenser 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.					
PHOSMET	0.01	ppm	0.1	PASS	ND						
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND						
PRALLETHRIN	0.01	ppm	0.1	PASS	ND						
PROPICONAZOLE	0.01	ppm	0.1	PASS	ND						



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Sample : GA20625001-011

Harvest/Lot ID: HVFV110-2206-10507

Batch# : DF-HGDP-2206-9788 Sample Size Received : 16 gram

Sampled : 06/25/22

Ordered : 06/25/22

Total Batch Size : 2263 gram

Completed : 06/28/22 Expires: 06/28/23

Sample Method : SOP.T.20.010

Page 4 of 6



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
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:
 NA

Weight:

 Extraction date:
 NA

 Extracted by:
 NA

Analysis Method : SOP.T.40.041.FL

Analytical Batch : GA045974SOL

Instrument Used : GA-GCMS-004 QP2020NX

Running on : 06/25/22 15:51:35

Reviewed On : 06/26/22 13:15:09

Batch Date : 06/25/22 14:04:02

Dilution : 1

Reagent :

Consumables : 27296; 854996

Pipette :

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



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 Batch# : DF-HGDP-2206-9788 Sample Size Received : 16 gram
 Sampled : 06/25/22 Total Batch Size : 2263 gram
 Ordered : 06/25/22 Completed : 06/28/22 Expires: 06/28/23
 Sample Method : SOP.T.20.010

Page 5 of 6

<div></div> <div>Microbial</div>						<div><div>PASSED</div></div>																																																																																																																													
<table><tr><th>Analyte</th><th>LOD</th><th>Units</th><th>Result</th><th>Pass / Fail</th><th>Action Level</th></tr><tr><td>ESCHERICHIA COLI SHIGELLA SPP</td><td></td><td></td><td>Not Present</td><td>PASS</td><td></td></tr><tr><td>SALMONELLA SPECIFIC GENE</td><td></td><td></td><td>Not Present</td><td>PASS</td><td></td></tr><tr><td>ASPERGILLUS FLAVUS</td><td></td><td></td><td>Not Present</td><td>PASS</td><td></td></tr><tr><td>ASPERGILLUS FUMIGATUS</td><td></td><td></td><td>Not Present</td><td>PASS</td><td></td></tr><tr><td>ASPERGILLUS TERREUS</td><td></td><td></td><td>Not Present</td><td>PASS</td><td></td></tr><tr><td>ASPERGILLUS NIGER</td><td></td><td></td><td>Not Present</td><td>PASS</td><td></td></tr><tr><td>TOTAL YEAST AND MOLD</td><td>10</td><td>CFU/g</td><td><10</td><td>PASS</td><td>100000</td></tr><tr><td colspan="6">Analyzed by: 3404, 1790, 3574, 1541</td></tr><tr><td colspan="6">Weight: 0.83g</td></tr><tr><td colspan="6">Extraction date: 06/25/22 17:21:22</td></tr><tr><td colspan="6">Extracted by: 1790</td></tr><tr><td colspan="6">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</td></tr><tr><td colspan="6">Analytical Batch : GA045976MIC</td></tr><tr><td colspan="6">Instrument Used : GA-TYM-001 Tempo Filler and Reader</td></tr><tr><td colspan="6">Running on : 06/25/22 17:21:44</td></tr><tr><td colspan="6">Dilution : 90</td></tr><tr><td colspan="6">Reagent : 052622.09</td></tr><tr><td colspan="6">Consumables : 2303260; 2303190; 2304090; 2306070; 2304090; 2305240; GA-185; GA-213; 61630-123C6-123E</td></tr><tr><td colspan="6">Pipette : GA-154</td></tr><tr><td colspan="6">Microbial testing is performed utilizing various technologies including: PCR, RTPCR, MPN, and traditional culture based techniques in accordance with F.S. Rule 64ER20-39..</td></tr></table>						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: 3404, 1790, 3574, 1541						Weight: 0.83g						Extraction date: 06/25/22 17:21:22						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 : GA045976MIC						Instrument Used : GA-TYM-001 Tempo Filler and Reader						Running on : 06/25/22 17:21:44						Dilution : 90						Reagent : 052622.09						Consumables : 2303260; 2303190; 2304090; 2306070; 2304090; 2305240; GA-185; GA-213; 61630-123C6-123E						Pipette : 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..					
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SALMONELLA SPECIFIC GENE			Not Present	PASS																																																																																																																															
ASPERGILLUS FLAVUS			Not Present	PASS																																																																																																																															
ASPERGILLUS FUMIGATUS			Not Present	PASS																																																																																																																															
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Extraction date: 06/25/22 17:21:22																																																																																																																																			
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 : GA045976MIC																																																																																																																																			
Instrument Used : GA-TYM-001 Tempo Filler and Reader																																																																																																																																			
Running on : 06/25/22 17:21:44																																																																																																																																			
Dilution : 90																																																																																																																																			
Reagent : 052622.09																																																																																																																																			
Consumables : 2303260; 2303190; 2304090; 2306070; 2304090; 2305240; GA-185; GA-213; 61630-123C6-123E																																																																																																																																			
Pipette : 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..																																																																																																																																			
<table><tr><th>Analyte</th><th>LOD</th><th>Units</th><th>Result</th><th>Pass / Fail</th><th>Action Level</th></tr><tr><td>AFLATOXIN B2</td><td>0.002</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.02</td></tr><tr><td>AFLATOXIN B1</td><td>0.002</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.02</td></tr><tr><td>OCHRATOXIN A</td><td>0.002</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.02</td></tr><tr><td>AFLATOXIN G1</td><td>0.002</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.02</td></tr><tr><td>AFLATOXIN G2</td><td>0.002</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.02</td></tr><tr><td colspan="6">Analyzed by: 3404, 3134, 2338, 3298</td></tr><tr><td colspan="6">Weight: 0.9234g</td></tr><tr><td colspan="6">Extraction date: 06/26/22 13:22:38</td></tr><tr><td colspan="6">Extracted by: 3134</td></tr><tr><td colspan="6">Analysis Method : SOP.T.30.101.FL, SOP.T.40.101.FL, SOP.T.30.102.FL, SOP.T.40.102.FL</td></tr><tr><td colspan="6">Analytical Batch : GA046005MYC</td></tr><tr><td colspan="6">Instrument Used : GA-LCMS-001 MYC</td></tr><tr><td colspan="6">Running on : 06/26/22 18:14:16</td></tr><tr><td colspan="6">Dilution : </td></tr><tr><td colspan="6">Reagent : aflatoxin_b2; aflatoxin_b1; aflatoxin_g1; aflatoxin_g2</td></tr><tr><td colspan="6">Consumables : 0.02; 0.02; 0.02; 0.02</td></tr><tr><td colspan="6">Pipette : </td></tr><tr><td colspan="6">Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.</td></tr></table>						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: 3404, 3134, 2338, 3298						Weight: 0.9234g						Extraction date: 06/26/22 13:22:38						Extracted by: 3134						Analysis Method : SOP.T.30.101.FL, SOP.T.40.101.FL, SOP.T.30.102.FL, SOP.T.40.102.FL						Analytical Batch : GA046005MYC						Instrument Used : GA-LCMS-001 MYC						Running on : 06/26/22 18:14:16						Dilution :						Reagent : aflatoxin_b2; aflatoxin_b1; aflatoxin_g1; aflatoxin_g2						Consumables : 0.02; 0.02; 0.02; 0.02						Pipette :						Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.																	
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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 : GA20625001-011

Harvest/Lot ID: HVFV110-2206-10507

Batch# : DF-HGDP-2206-9788 Sample Size Received : 16 gram

Sampled : 06/25/22

Ordered : 06/25/22

Total Batch Size : 2263 gram

Completed : 06/28/22 Expires: 06/28/23

Sample Method : SOP.T.20.010

Page 6 of 6


**Filth/Foreign
Material**
PASSED

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

Analyzed by: 3404, 3209, 1541	Weight: 10.6g	Extraction date: 06/25/22 13:05:20	Extracted by: 3209
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Analysis Method : SOP.T.30.074, SOP.T.40.074

Analytical Batch : GA045964FIL

Instrument Used : GA-Filth/Foreign Material Microscope

Running on :

Reviewed On : 06/25/22 18:23:55

Batch Date : 06/25/22 12:34:18

Dilution : 1

Reagent :

Consumables :

Pipette :

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	0.573	PASS	0.85

Analyzed by: 3404, 3134, 3192	Weight: 0.8594g	Extraction date: 06/26/22 16:17:07	Extracted by: 3134
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Analysis Method : SOP.T.40.019

Analytical Batch : GA045978WAT

Instrument Used : GA-203 Rotronic HygroPalm

Running on :

Reviewed On : 06/27/22 13:02:55

Batch Date : 06/25/22 14:40:53

Dilution : 1

Reagent :

Consumables : 107264

Pipette :

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