



Certificate of Analysis

Sample:GA20618001-017
Harvest/Lot ID: ENFV100-2206-9848

Batch#: DF-9LBH-2206-9504

Cultivation Facility: Gainesville Cultivation

Processing Facility : Gainesville Processing

Seed to Sale# ENFV100-2206-9848

Batch Date: 06/14/22

Sample Size Received: 16 gram

Total Batch Size: 3002 gram

Retail Product Size: 1 gram

Ordered : 06/18/22

Sampled : 06/18/22

Completed: 06/21/22

Sampling Method: SOP.T.20.010.FL

PASSED

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Jun 21, 2022 | Liberty Health Sciences, FL

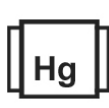
18770 N CR 225

Gainesville, FL, 32609, US


PRODUCT IMAGE


Plastic Box

SAFETY RESULTS

Pesticides
PASSED

Heavy Metals
PASSED

Microbials
PASSED

Mycotoxins
PASSED

Residuals Solvents
PASSED

Filtr
PASSED

Water Activity
PASSED

Moisture
NOT TESTED

Terpenes
TESTED
MISC.

Cannabinoid
PASSED

Total THC
82.034%

Total THC/Container : 820.34 mg


Total CBD
0%

Total CBD/Container : 0 mg


Total Cannabinoids
86.822%

Total Cannabinoids/Container : 868.22 mg

60

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	82.034	ND	ND	ND	ND	2.838	ND	0.449	0.541	ND	0.96
mg/g	820.34	ND	ND	ND	ND	28.38	ND	4.49	5.41	ND	9.6
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001
%		%	%	%	%	%	%	%	%	%	%

Analyzed by:
3571, 3134, 3205, 2338

Weight:
0.1014g

Extraction date:
06/19/22 15:37:47

Extracted by:
3134

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

Analytical Batch : GA045603POT

Instrument Used : GA-HPLC-001 2030C Plus

Running on : 06/19/22 18:57:57

Reviewed On : 06/20/22 15:34:23

Batch Date : 06/18/22 17:31:10

Dilution : 400

Reagent : 061122.R34; 061122.R30; 020322.R09; 060922.12

Consumables : 7711028; 947.217; 470228-424; 9291.197; 110921; R0NB32898; 00321396; GA-169; 12035-035CD-035C; 944C4 944J; 210268; 206639

Pipette : GA-005; GA-151; GA-153

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



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

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 Harvest/Lot ID: ENFV100-2206-9848
 Batch# : DF-9LBH-2206-9504 Sample Size Received : 16 gram
 Sampled : 06/18/22 Total Batch Size : 3002 gram
 Ordered : 06/18/22 Completed : 06/21/22 Expires: 06/21/23
 Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPENEOL	0.007	0.5	0.05		BORNEOL	0.013	ND	ND	
CAMPHENE	0.007	0.23	0.023		GERANIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	10.35	1.035		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	<0.2	<0.02		ALPHA-CEDRENE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		ALPHA-HUMULENE	0.007	2.36	0.236	
OCIMENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	0.53	0.053	
EUCALYPTOL	0.007	ND	ND		GUAIOL	0.007	ND	ND	
LINALOOL	0.007	1.26	0.126		Analyzed by: 3571, 2507, 3205, 2338 Weight: 1.014g Extraction date: 06/18/22 17:38:40 Extracted by: 2507				
FENCHONE	0.007	ND	ND		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA045571TER Instrument Used : GA-GCMS-002 QP2010S Running on : 06/18/22 19:24:36 Reviewed On : 06/19/22 13:16:46 Batch Date : 06/17/22 19:03:00				
ISOPULEGOL	0.007	ND	ND		Dilution : 50 Reagent : 050322.49; 010421.48 Consumables : GA-211; 947.109; H20364; 9291.197; 110921; 210419634; R0NB32898; 00321396; 944C4 944j; 210268; 206639 Pipette : GA-005; GA-011; GA-146				
ISOBORNEOL	0.007	<0.2	<0.02		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	7.91	0.791						
VALENCENE	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
CEDROL	0.007	ND	ND						
FARNESENE	0	<0.01	ND						
CARYOPHYLLENE OXIDE	0.007	0.75	0.075						
ALPHA-BISABOLOL	0.007	2.41	0.241						
ALPHA-PINENE	0.007	13.94	1.394						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	5.21	0.521						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	3.25	0.325						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	0.44	0.044						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	0.48	0.048						
CAMPOR	0.013	<0.4	<0.04						
Total (%)				4.962					



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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	5	PASS	ND	PROPICONAZOLE	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	TOTAL DIMETHOMORPH	0.01	PPM	0.2	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	TOTAL PERMETHRIN	0.01	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	1	PASS	ND	TOTAL SPINETORAM	0.01	PPM	0.2	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	1	PASS	ND	TOTAL SPINOSAD	0.01	ppm	0.1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	0.1	PASS	ND
CLOFENTZINE	0.01	ppm	0.2	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.15	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	CAPTAN *	0.07	PPM	0.7	PASS	ND
DIAZINON	0.01	ppm	0.1	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
DICHLORVOS	0.01	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
DIMETHOATE	0.01	ppm	0.1	PASS	ND	CYFLUTHRIN *	0.05	PPM	0.5	PASS	ND
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	0.5	PASS	ND
ETOFENPROX	0.01	ppm	0.1	PASS	ND						
ETOXAZOLE	0.01	ppm	0.1	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
FENHEXAMID	0.01	ppm	0.1	PASS	ND	3571, 3134, 2338, 3298	1.0154g	06/19/22 11:08:53	3134		
FENOXYCARB	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					
FENPYROXIMATE	0.01	ppm	0.1	PASS	ND	Analytical Batch : GA045608PES		Reviewed On : 06/20/22 13:11:11			
FIPRONIL	0.01	ppm	0.1	PASS	ND	Instrument Used : GA-LCMS-001 PES		Batch Date : 06/18/22 19:27:09			
FLONICAMID	0.01	ppm	0.1	PASS	ND	Running on : 06/19/22 14:50:45					
FLUDIOXONIL	0.01	ppm	0.1	PASS	ND	Dilution : 10					
HEXYTHIAZOX	0.01	ppm	0.1	PASS	ND	Reagent : 060222.R23; 011122.06; 052322.R01; 060422.R35					
IMAZALIL	0.01	ppm	0.1	PASS	ND	Consumables : 947.271; 470228-424; 9291.271; 110921; 210419634; 296055173; 41064115C4115B; 209598; 206639					
IMIDACLOPRID	0.01	ppm	0.4	PASS	ND	Pipette : GA-002; GA-006; GA-013; GA-210 Dispenser					
KRESOXIM-METHYL	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.					
MALATHION	0.01	ppm	0.2	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
METALAXYL	0.01	ppm	0.1	PASS	ND	NA	NA	NA	NA		
METHIOCARB	0.01	ppm	0.1	PASS	ND	Analysis Method : SOP.T.30.060, SOP.T.40.060					
METHOMYL	0.01	ppm	0.1	PASS	ND	Analytical Batch : GA045615VOL		Reviewed On : 06/20/22 13:15:22			
MEVINPHOS	0.01	ppm	0.1	PASS	ND	Instrument Used : GA-GCMS-006		Batch Date : 06/19/22 12:45:54			
MYCLOBUTANIL	0.01	ppm	0.1	PASS	ND	Running on : 06/20/22 09:56:19					
NALED	0.01	ppm	0.25	PASS	ND	Dilution : 100					
OXAMYL	0.01	ppm	0.5	PASS	ND	Reagent : 060222.R23; 011122.06; 061522.R52					
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND	Consumables : 947.271; 470228-424; 9291.271; 110921; 210419634; 296055173; 41064115C4115B; 209598; 206639; 15024701					
PHOSMET	0.01	ppm	0.1	PASS	ND	Pipette : GA-002; GA-005; GA-013					
PIPERONYL BUTOXIDE	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.					
PRALLETHRIN	0.01	ppm	0.1	PASS	ND						



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Batch# : DF-9LBH-2206-9504

Sampled : 06/18/22

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Sample Size Received : 16 gram

Total Batch Size : 3002 gram

Completed : 06/21/22 Expires: 06/21/23

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
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 : GA045586SOL

Instrument Used : GA-GCMS-001 Headspace Solvent

Running on : 06/18/22 17:39:55

Reviewed On : 06/19/22 15:13:39

Batch Date : 06/18/22 12:21:26

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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
PASSED

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 Microbial						 Mycotoxins						 Heavy Metals					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level	Metal	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.002	ppm	ND	PASS	0.02	ARSENIC	0.02	PPM	ND	PASS	0.2
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN B1	0.002	ppm	ND	PASS	0.02	CADMIUM	0.02	PPM	ND	PASS	0.2
ASPERGILLUS FLAVUS			Not Present	PASS		OCHRATOXIN A	0.002	ppm	ND	PASS	0.02	MERCURY	0.02	PPM	ND	PASS	0.2
ASPERGILLUS FUMIGATUS			Not Present	PASS		AFLATOXIN G1	0.002	ppm	ND	PASS	0.02	LEAD	0.05	PPM	ND	PASS	0.5
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: 3571, 3134, 2338, 3298 Weight: 1.0154g Extraction date: 06/19/22 11:08:53 Extracted by: 3134						Analyzed by: 3571, 3134, 2338, 3298 Weight: 0.4961g Extraction date: 06/19/22 17:08:28 Extracted by: 3134					
Analyzed by: 3571, 2821, 1541 Weight: 1g Extraction date: 06/19/22 10:57:26 Extracted by: 2821 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 : GA045590MIC Instrument Used : GA-TYM-001 Tempo Filler and Reader Running on : 06/19/22 10:58:55 Dilution : 90 Reagent : 060122.12 Consumables : 2304090; 2304090; 61630-123C6-123E; 2303260; 2303190 Pipette : GA-154; GA-213						Analysis Method : SOP.T.30.101.FL, SOP.T.40.101.FL, SOP.T.30.102.FL, SOP.T.40.102.FL Analytical Batch : GA045618MYC Instrument Used : GA-LCMS-001 MYC Running on : 06/19/22 14:51:57 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.						Analysis Method : SOP.T.30.081.FL, SOP.T.30.082.FL, SOP.T.40.081.FL, SOP.T.40.082.FL Analytical Batch : GA045609HEA Instrument Used : GA-ICPMS-002 Running on : 06/20/22 09:41:21 Dilution : 100 Reagent : 052422.R35; 061422.R22; 010421.51; 041622.R02; 051622.R03; 041722.R01; 042022.R45; 061621.03 Consumables : CGR0114; 12035-035CD-035C; L2019501 Pipette : GA-012; GA-183; GA - 194; GA-195; GA-193 Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
Microbial testing is performed utilizing various technologies including: PCR, RTPCR, MPN, and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.																	
Analyzed by: NA Weight: NA Extraction date: NA Extracted by: NA Analysis Method : SOP.T.40.041 Analytical Batch : GA045591TYM Instrument Used : GA-TYM-001 bioMérieux Tempo Filler and Reader Running on : 06/19/22 10:58:59 Dilution : 90 Reagent : 060122.12 Consumables : 2304090; 2304090; 61630-123C6-123E Pipette : GA-154 Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.						Reviewed On : 06/21/22 13:14:50 Batch Date : 06/18/22 13:30:13											



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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: 3571, 3209, 1541	Weight: 11.6g	Extraction date: 06/18/22 15:34:08	Extracted by: 3209
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Analysis Method : SOP.T.30.074, SOP.T.40.074

Analytical Batch : GA045588FIL

Instrument Used : GA-Filth/Foreign Material Microscope

Running on :

Reviewed On : 06/18/22 18:02:15

Batch Date : 06/18/22 13:19:08

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	0.517	PASS	0.85

Analyzed by: 3571, 3134	Weight: 1.3113g	Extraction date: 06/18/22 19:59:02	Extracted by: 3571
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Analysis Method : SOP.T.40.019

Analytical Batch : GA045606WAT

Instrument Used : GA-085 Rotronic HygroPalm

Running on :

Reviewed On : 06/20/22 15:29:22

Batch Date : 06/18/22 18:25:56

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.