



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample:** GA20625001-001  
**Harvest/Lot ID:** HVFV120-2206-10537  
**Batch#:** DF-HGSC-2206-9801  
**Seed to Sale#** HVFV120-2206-10537  
**Batch Date:** 06/21/22  
**Sample Size Received:** 16 gram  
**Total Amount:** 1983 gram  
**Retail Product Size:** 1  
**Ordered :** 06/25/22  
**Sampled :** 06/25/22  
**Completed:** 06/28/22  
**Sampling Method:** SOP.T.20.010

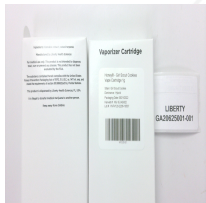
Jun 28, 2022 | Liberty Health Sciences, FL  
 18770 N CR 225  
 Gainesville, FL, 32609, US



# PASSED

Pages 1 of 2

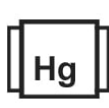
### PRODUCT IMAGE



### 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

## 84.83%

Total THC/Container : 848.3 mg



Total CBD

## 0.252%

Total CBD/Container : 2.52 mg



Total Cannabinoids

## 89.699%

Total Cannabinoids/Container : 896.99 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	84.83	ND	0.252	ND	ND	3.032	ND	0.413	0.491	ND	0.681
mg/g	848.3	ND	2.52	ND	ND	30.32	ND	4.13	4.91	ND	6.81
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:  
 0.0968g

Extraction date:  
 06/26/22 12:40:15

Extracted by:  
 2821

Analysis Method : SOP.T.40.031, SOP.T.30.031  
 Analytical Batch : GA045954POT  
 Instrument Used : GA-HPLC-003 2030C PDA  
 Analyzed Date : 06/26/22 15:00:31

Reviewed On : 06/27/22 11:53:31  
 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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**PASSED**

Liberty Health Sciences, FL

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

Sample : GA20625001-001

Harvest/Lot ID: HVFV120-2206-10537

 Batch# : DF-HGSC-2206-9801 Sample Size Received : 16 gram  
 Total Amount : 1983 gram  
 Completed : 06/28/22 Expires: 06/28/23  
 Ordered : 06/25/22 Sample Method : SOP.T.20.010

Page 2 of 2



## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPHENE	0.007	ND	ND		GERANIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	1.27	0.127		PULEGONE	0.007	<0.2	<0.02	
3-CARENE	0.007	ND	ND		ALPHA-CEDRENE	0.007	<0.2	<0.02	
ALPHA-PHELLANDRENE	0.007	ND	ND		ALPHA-HUMULENE	0.007	3.41	0.341	
OCIMENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	2.95	0.295	
EUCALYPTOL	0.007	ND	ND		GUAJOL	0.007	0.61	0.061	
LINALOOL	0.007	4.51	0.451		Analyzed by: 3404, 3134, 3205, 2338				Weight: 1.0896g
FENCHONE	0.007	<0.2	<0.02		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				Extraction date: 06/26/22 10:14:20
ISOPULEGOL	0.007	ND	ND		Analytical Batch : GA045975TER				Reviewed On : 06/27/22 12:02:36
ISOBORNEOL	0.007	ND	ND		Instrument Used : GA-GCMS-002 QP2010S				Batch Date : 06/25/22 14:24:48
HEXAHYDROTHYMOL	0.007	ND	ND		Analyzed Date : 06/26/22 12:30:28				
NEROL	0.007	ND	ND		Dilution : 50				
GERANYL ACETATE	0.007	0.33	0.033		Reagent : 060922.R22; 050322.49; 010421.51				
BETA-CARYOPHYLLENE	0.007	12.63	1.263		Consumables : 947.271; H20364; 9291.271; LLS-00-0005; 210419634; RONB32898; 000000146137; 944C4 944j; 209598; 206639				
VALENCENE	0.007	1.51	0.151		Pipette : GA-002; GA-006; GA-013; GA-211 Dispenser				
CIS-NEROLIDOL	0.007	0.7	0.07		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
CEDROL	0.007	0.69	0.069						
FARNESENE	0.007	0.88	0.088						
CARYOPHYLLENE OXIDE	0.007	0.77	0.077						
ALPHA-BISABOLOL	0.007	1.59	0.159						
ALPHA-PINENE	0.007	0.5	0.05						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	0.76	0.076						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	6.32	0.632						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	0.92	0.092						
CAMPOR	0.013	ND	ND						
BORNEOL	0.013	ND	ND						
Total (%)		4.126							