



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample:** GA11119002-008  
**Harvest/Lot ID:** LHSFP100-2111-1102  
**Batch#:** DF-WW-2111-0791  
**Seed to Sale#** LHSFP100-2111-1102  
**Batch Date:** 11/17/21  
**Sample Size Received:** 15.5 gram  
**Total Amount:** 495 gram  
**Retail Product Size:** 0.5  
**Ordered :** 11/19/21  
**Sampled :** 11/19/21  
**Completed:** 11/23/21  
**Sampling Method:** SOP.T.20.010

**PASSED**

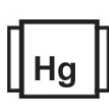
Nov 23, 2021 | Liberty Health Sciences, FL  
 18770 N CR 225  
 Gainesville, FL, 32609, US



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**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

Box


**Cannabinoid**
**PASSED**


**Total THC**  
**83.342%**  
 /Container : 416.71 mg



**Total CBD**  
**0%**  
 /Container : 0 mg



**Total Cannabinoids**  
**86.114%**  
 Total Cannabinoids/Container : 430.57 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.839	0	0.427	0.372	83.342	0	0.134	0
mg/g											
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:  
1541

Weight:  
0.1007g

Extraction date:  
11/19/21 04:11:17

Extracted by:  
3134

Analysis Method : SOP.T.40.031, SOP.T.30.031  
 Analytical Batch : GA034414POT  
 Instrument Used : GA-HPLC-001 2030C Plus  
 Analyzed Date : N/A

Reviewed On : 11/22/21 10:42:19  
 Batch Date : 11/19/21 12:15:26

Dilution : 400  
 Reagent : 101921.01; 110821.R36; 092821.17; 061621.03; 111721.R61; 111721.R63  
 Consumables : 947.271; 470228-424; 9291.271; 200721; 12035-035CD-035C; RONB32898; 00295461  
 Pipette : N/A

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 : GA11119002-008

Harvest/Lot ID: LHSFP100-2111-1102

Batch# : DF-WW-2111-0791

Sampled : 11/19/21

Ordered : 11/19/21

Sample Size Received : 15.5 gram

Total Amount : 495 gram

Completed : 11/23/21 Expires: 11/23/22

Sample Method : SOP.T.20.010

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## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)	
TOTAL TERPINEOL	0.007		1.176		BORNEOL	0.013	0	0		
CAMPHENE	0.007		0		GERANIOL	0.007	0	0		
BETA-MYRCENE	0.007		0.098		PULEGONE	0.007	0	0		
3-CARENE	0.007		0.049		ALPHA-CEDRENE	0.007	0	0		
ALPHA-PHELLANDRENE	0.007		0.009		ALPHA-HUMULENE	0.007	3.42	0.342		
OCIMENE	0.007		0		TRANS-NEROLIDOL	0.007	0.19	0.019		
EUCALYPTOL	0.007		0		GUAIOL	0.007	0	0		
LINALOOL	0.007		0		Analyzed by: 2155	Weight: 0.8036g	Extraction date: 11/19/21 02:11:40	Extracted by: 3192		
FENCHONE	0.007		0		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL					
ISOPULEGOL	0.007		0.167		Analytical Batch : GA034413TER					Reviewed On : 11/22/21 15:25:27
ISOBORNEOL	0.007		0		Instrument Used : GA-GCMS-005 QP2020NX					Batch Date : 11/19/21 12:14:55
HEXAHYDROTHYMOL	0.007		0		Analyzed Date : 11/22/21 12:13:09					
NEROL	0.007		0		Dilution : 100					
GERANYL ACETATE	0.007		0		Reagent : 071221.09; 010421.48; 091021.R15					
BETA-CARYOPHYLLENE	0.007		1.266		Consumables : 947.271; 470228-424; 9291.197; 200721; 210419634; R0NB32898; 00295461					
VALENCENE	0.007		0.073		Pipette : N/A					
CEDROL	0.007		0		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.					
CIS-NEROLIDOL	0.007		0							
FARNESENE	0.007		0							
CARYOPHYLLENE OXIDE	0.007		0							
ALPHA-BISABOLOL	0.007		0.04							
ALPHA-PINENE	0.007		0.106							
SABINENE	0.007		0							
BETA-PINENE	0.007		0.11							
ALPHA-TERPINENE	0.007		0							
LIMONENE	0.007		0.381							
GAMMA-TERPINENE	0.007		0							
TERPINOLENE	0.007		0.591							
SABINENE HYDRATE	0.007		0							
FENCHYL ALCOHOL	0.007		0.083							
CAMPHOR	0.013		0							
Total (%)			4.482							