



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample:** DA01230007-001  
**Harvest/Lot ID:** PHFV100-201217-01  
**Batch#:** DF-JACK-112720  
**Seed to Sale#** PHFV100-201217-01  
**Batch Date:** 12/17/20  
**Sample Size Received:** 15.5 gram  
**Total Amount:** 1899 units  
**Retail Product Size:** 0.4939  
**Ordered :** 12/29/20  
**Sampled :** 12/29/20  
**Completed:** 09/02/21  
**Sampling Method:** SOP.T.20.010

**PASSED**

Sep 02, 2021 | Liberty Health Sciences, FL  
 18770 N CR 225  
 Gainesville, FL, 32609, US

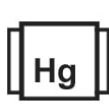


Pages 1 of 2

**PRODUCT IMAGE**


box

**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**
**0%**

/Container : 399.486 mg


**Total CBD**
**0%**

/Container : 1.64 mg


**Total Cannabinoids**
**0%**

Total Cannabinoids/Container : 425.994 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	3.443	0.332	0.722	0.581	80.884	0.07	0.219	0
mg/unit											
LOD	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001
%											

Analyzed by:  
450

Weight:  
0.1103g

Extraction date:  
12/30/20 04:12:35

Extracted by:  
1823

Analysis Method : SOP.T.40.031, SOP.T.30.031  
 Analytical Batch : DA020588POT  
 Instrument Used : DA-LC-003  
 Analyzed Date : 12/30/20 19:51:44

Reviewed On : 01/05/21 16:19:36  
 Batch Date : 12/30/20 08:57:19

Dilution : 400  
 Reagent : 110520.52; 122320.R14; 123020.R13  
 Consumables : 280670723; 11989-024CC-024; 76262-590; 914C4-914AK; 929C6-929H  
 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 : DA01230007-001

Harvest/Lot ID: PHFV100-201217-01

Batch# : DF-JACK-112720

Sampled : 12/29/20

Ordered : 12/29/20

Sample Size Received : 15.5 gram

Total Amount : 1899 units

Completed : 09/02/21 Expires: 09/02/22

Sample Method : SOP.T.20.010

Page 2 of 2

Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPINEOL	0.007	0			BORNEOL	0.013	0	0	
CAMPENE	0.007	0			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	0.184			PULEGONE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0.017			ALPHA-CEDRENE	0.007	0	0	
3-CARENE	0.007	0.028			ALPHA-HUMULENE	0.007	0.592	0.12	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0.197	0.04	
EUCALYPTOL	0.007	0			GUAJOL	0.007	0	0	
LINALOOL	0.007	0			Analyzed by:	Weight:	Extraction date:	Extracted by:	
FENCHONE	0.007	0			1351	1.0281g	12/31/20 11:12:27	1351	
ISOPULEGOL	0.007	0			Analysis Method :	Reviewed On :			
ISOBORNEOL	0.007	0			SOP.T.30.061A.FL, SOP.T.40.061A.FL	01/04/21 09:24:21			
HEXAHYDROTHYMOL	0.007	0			Analytical Batch :	Batch Date :			
NEROL	0.007	0			DA020559TER	12/29/20 10:17:09			
GERANYL ACETATE	0.007	0			Instrument Used :				
BETA-CARYOPHYLLENE	0.007	0.851			DA-GCMS-005				
VALENCENE	0.007	0.129			Analyzed Date :				
CIS-NEROLIDOL	0.007	0			12/31/20 11:56:04				
CARYOPHYLLENE OXIDE	0.007	0			Dilution :				
CEDROL	0.007	0			10				
FARNESENE	0.007	0			Reagent :				
ALPHA-BISABOLOL	0.007	0			122820.R21; 122820.R22; 111320.R15; 120820.R29				
ALPHA-PINENE	0.007	0.139			Consumables :				
SABINENE	0.007	0			287035261; 76262-590				
BETA-PINENE	0.007	0.137			Pipette :				
ALPHA-TERPINENE	0.007	0.009			N/A				
LIMONENE	0.007	0.368			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	1.239							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0							
CAMPHOR	0.013	0							
Total (%)									