



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample:** GA10803001-004  
**Harvest/Lot ID:** PHFV106-210726-01  
**Batch#:** DF-FFRU-071621  
**Cultivation Facility:**  
**Processing Facility:**  
**Distributor Facility:**  
**Source Facility:**  
**Seed to Sale#** PHFV106-210726-01  
**Batch Date:** 07/26/21  
**Sample Size Received:** 15.5 gram  
**Total Amount:** 2063 gram  
**Retail Product Size:** 0.5 gram  
**Ordered:** 08/03/21  
**Sampled:** 08/03/21  
**Completed:** 08/06/21  
**Sampling Method:** SOP.T.20.010

Aug 06, 2021 | Liberty Health Sciences, FL  
 18770 N CR 225  
 Gainesville, FL, 32609, US



# PASSED

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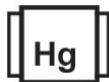
### PRODUCT IMAGE



### 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**  
**0%**

/Container : 419.779 mg



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

/Container : 1.198 mg



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

Total Cannabinoids/Container : 438.055 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.925	0.211	0.298	0.583	77.266	0	0.311	0
mg/g	0.001	0.001	0.001	0.001	%	0.001	0.001	%	0.001	0.001	0.001
LOD	0.001	0.001	0.001	0.001	%	0.001	0.001	%	0.001	0.001	0.001
%											

Analyzed by:  
2338

Weight:  
0.1032g

Extraction date:  
08/04/21 04:08:29

Extracted by:  
2821

Analysis Method : SOP.T.40.031, SOP.T.30.031  
 Analytical Batch : GA029484POT  
 Instrument Used : GA-HPLC-001 2030C Plus  
 Running on : N/A

Reviewed On : 08/05/21 13:08:53  
 Batch Date : 08/03/21 18:14:34

Dilution : 40  
 Reagent : 010421.50; 070821.05; 060220.R16; 072621.R34; 072721.R44  
 Consumables : 947.271; 470228-424; 9291.197; 200111; 12035-032CD-032C; R0NB32898; 00295461  
 Pipette : N/A

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

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on F.S. Rule 64ER20-39 and F.S. Rule 5K-4. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**Miranda MacDonald**  
 Lab Director

State License # CMTL-0001  
 ISO 17025 Accreditation # ISO/IEC  
 17025:2017 Accreditation P/LA-  
 Testing 97164



Signature

08/06/21

Signed On



# 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 : GA10803001-004

Harvest/Lot ID: PHFV106-210726-01

Batch# : DF-FFRU-071621

Sampled : 08/03/21

Ordered : 08/03/21

Sample Size Received : 15.5 gram

Total Amount : 2063 gram

Completed : 08/06/21 Expires: 08/06/22

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		0		BORNEOL	0.013	0	0				
CAMPHENE	0.007		0		GERANIOL	0.007	0	0				
BETA-MYRCENE	0.007		1.792		PULEGONE	0.007	0	0				
ALPHA-PHELLANDRENE	0.007		0		ALPHA-CEDRENE	0.007	0	0				
3-CARENE	0.007		0		ALPHA-HUMULENE	0.007	1.76	0.176				
OCIMENE	0.007		0		TRANS-NEROLIDOL	0.007	1.51	0.151				
EUCALYPTOL	0.007		0		GUAJOL	0.007	0.13	0.013				
LINALOOL	0.007		0.42		Analyzed by:	2155	Weight:	1.0054g	Extraction date:	08/03/21 01:08:48	Extracted by:	2820
FENCHONE	0.007		0		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL							
ISOPULEGOL	0.007		0		Analytical Batch : GA029426TER							
ISOBORNEOL	0.007		0		Instrument Used : GA-GCMS-005 QP2020NX							
HEXAHYDROTHYMOL	0.007		0		Running on : 08/03/21 16:57:11							
NEROL	0.007		0		Dilution : 10							
GERANYL ACETATE	0.007		0		Reagent : 060220.R16; 122320.04; 010421.50							
BETA-CARYOPHYLLENE	0.007		1.845		Consumables : 282066106; 947.271; 470228-424; 9291.271; 200111; 190611634; 16466-042							
VALENCENE	0.007		0.04		Pipette : N/A							
CIS-NEROLIDOL	0.007		0		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.							
CARYOPHYLLENE OXIDE	0.007		0.031									
CEDROL	0.007		0									
FARNESENE	0.007		0									
ALPHA-BISABOLOL	0.007		0.101									
ALPHA-PINENE	0.007		0									
SABINENE	0.007		0									
BETA-PINENE	0.007		0.042									
ALPHA-TERPINENE	0.007		0									
LIMONENE	0.007		0.913									
GAMMA-TERPINENE	0.007		0									
TERPINOLENE	0.007		0.011									
SABINENE HYDRATE	0.007		0									
FENCHYL ALCOHOL	0.007		0.012									
CAMPHOR	0.013		0									
Total (%)												