



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample:GA10323002-010  
Harvest/Lot ID: PHFV110-210317-01  
Batch#: DF-DURB-030421  
Seed to Sale# PHFV110-210317-01  
Batch Date: 03/17/21  
Sample Size Received: 15.5 gram  
Total Amount: 2049 units  
Retail Product Size: .5064  
Ordered : 03/23/21  
Sampled : 03/23/21  
Completed: 03/26/21  
Sampling Method: SOP.T.20.010

Mar 26, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US



**PASSED**

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### PRODUCT IMAGE

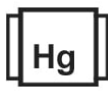


Box

### 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 : 400.328 mg



Total CBD

**0%**

/Container : 2.13 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 423.354 mg

%  
mg/unit  
LOD

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
	0	0	0	1.387	0.42	0.95	1.612	79.053	0	0.175	0
	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001
	%	%	%	%	%	%	%	%	%	%	%

Analized by:  
2338

Weight:  
0.1171g

Extraction date:  
03/25/21 02:03:46

Extracted by:  
1791

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

Analytical Batch : GA024230POT

Instrument Used : GA-HPLC-001 2030C Plus (Carl)

Analyzed Date : 03/26/21 10:07:26

Reviewed On : 03/26/21 14:17:58

Batch Date : 03/24/21 08:16:05

Dilution : 40

Reagent : 110520.05; 010421.50; 010621.10; 031921.R08; 031921.R19

Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179); 16466-042

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  
03/26/21



# 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 : GA10323002-010  
 Harvest/Lot ID: PHFV110-210317-01

 Batch# : DF-DURB-030421 Sample Size Received : 15.5 gram  
 Sampled : 03/23/21 Total Amount : 2049 units  
 Ordered : 03/23/21 Completed : 03/26/21 Expires: 03/26/22  
 Sample Method : SOP.T.20.010

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# Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
CAMPHENE	0.007	0			TERPINEOL	0.007	0	0	
BETA-MYRCENE	0.007	0.139			GERANIOL	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0			PULEGONE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007	0			ALPHA-HUMULENE	0.007	1.043	0.206	
EUCALYPTOL	0.007	0			TRANS-NEROLIDOL	0.007	0	0	
LINALOOL	0.007	0.182			GUAJOL	0.007	0	0	
FENCHONE	0.007	0			<div>Analyzed by: 2155Weight: 1.0147gExtraction date: 03/24/21 10:03:11Extracted by: 2507</div>				
ISOPULEGOL	0.007	0			<div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA024212TER Instrument Used : GA-GCMS-002 QP2010S Analyzed Date : 03/25/21 16:29:14 Reviewed On : 03/26/21 15:12:20 Batch Date : 03/23/21 15:43:44</div>				
ISOBORNEOL	0.007	0			<div>Dilution : 10 Reagent : 010421.40; 010421.50 Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179); P734631 / P7411895; 16466-042 Pipette : N/A</div>				
HEXAHYDROTHYMOL	0.007	0			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
NEROL	0.007	0							
GERANYL ACETATE	0.007	0							
BETA-CARYOPHYLLENE	0.007	0.383							
VALENCENE	0.007	0							
CIS-NEROLIDOL	0.007	0							
CARYOPHYLLENE OXIDE	0.007	0.069							
CEDROL	0.007	0							
FARNESENE	0.007	0							
ALPHA-BISABOLOL	0.007	0							
ALPHA-PINENE	0.007	0.077							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.025							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0.105							
GAMMA-TERPINENE	0.007	0.026							
TERPINOLENE	0.007	3.242							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.038							
CAMPHOR	0.013	0							
BORNEOL	0.013	0							
Total (%)									