



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample:GA10129003-009  
Harvest/Lot ID: HVFG111-210122-01  
Batch#: DF-SOTS-010721  
Seed to Sale# HVFG111-210122-01  
Batch Date: 01/22/21  
Sample Size Received: 15.5 gram  
Total Amount: 1154  
Retail Product Size: .5  
Ordered : 01/29/21  
Sampled : 01/29/21  
Completed: 07/22/21  
Sampling Method: SOP.T.20.010

Jul 22, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US



**PASSED**

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### PRODUCT IMAGE

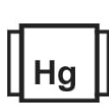


Box

### 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 : 186.354 mg



Total CBD

**0%**

/Container : 190.359 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 406.002 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	2.187	38.071	0	3.044	37.27	0	0.625	0
mg/g	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
LOD	%	%	%	%	%	%	%	%	%	%	%

Analized by:  
2338

Weight:  
0.1036g

Extraction date:  
02/03/21 10:02:05

Extracted by:  
1791

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

Analytical Batch : GA021900POT

Instrument Used : GA-HPLC-001 2030C Plus

Analyzed Date : 02/03/21 12:29:37

Reviewed On : 02/03/21 18:18:51

Batch Date : 02/01/21 15:49:58

Dilution : 40

Reagent : 010621.30; 110519.12; 020221.R05; 020121.R12

Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; 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  
07/22/21



# 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 : GA10129003-009

Harvest/Lot ID: HVFG111-210122-01

Batch# : DF-SOTS-010721

Sampled : 01/29/21

Ordered : 01/29/21

Sample Size Received : 15.5 gram

Total Amount : 1154

Completed : 07/22/21 Expires: 07/22/22

Sample Method : SOP.T.20.010

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## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPENEOL	0.007	0			BORNEOL	0.013	0	0	
CAMPENE	0.007	0			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	1.352			PULEGONE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0.044			ALPHA-CEDRENE	0.007	0	0	
3-CARENE	0.007	0.003			ALPHA-HUMULENE	0.007	0.82	0.082	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0	0	
EUCALYPTOL	0.007	0			GUAJOL	0.007	0.22	0.022	
LINALOOL	0.007	0.049			Analyzed by: 2155      Weight: 1.0535g      Extraction date: 02/01/21 01:02:44      Extracted by: 1541				
FENCHONE	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOPULEGOL	0.007	0			Analytical Batch : GA021850TER      Reviewed On : 02/03/21 17:22:19				
ISOBORNEOL	0.007	0			Instrument Used : GA-GCMS-002 QP2010S      Batch Date : 01/29/21 21:59:42				
HEXAHYDROTHYMOL	0.007	0			Analyzed Date : 02/02/21 13:51:24				
NEROL	0.007	0			Dilution : 10				
GERANYL ACETATE	0.007	0			Reagent : 122320.03				
BETA-CARYOPHYLLENE	0.007	0.31			Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; 16466-042				
VALENCENE	0.007	0.03			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							
CEDROL	0.007	0							
FARNESENE	0.007	0							
ALPHA-BISABOLOL	0.007	0							
ALPHA-PINENE	0.007	0.222							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.107							
ALPHA-TERPINENE	0.007	0.012							
LIMONENE	0.007	0.164							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0.68							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.017							
CAMPHOR	0.013	0							
Total (%)									