



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA10219002-006  
Harvest/Lot ID: LHSFS103-210208-01  
Batch#: DF-WW-020221  
Seed to Sale# LHSFS103-210208-01  
Batch Date: 02/08/21  
Sample Size Received: 16 gram  
Total Amount: 1122  
Retail Product Size: 1.175  
Ordered: 02/19/21  
Sampled: 02/19/21  
Completed: 02/24/21  
Sampling Method: SOP.T.20.010

Feb 24, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US

**PASSED**

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 : 847.349 mg


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

/Container : 3.63 mg


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

Total Cannabinoids/Container : 895.795 mg

	CBDV	CBD	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	0	2.015	0.308	0.708	0.828	72.114	0	0.26	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	0.001
LOD	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
2338

Weight:  
0.1047g

Extraction date:  
02/19/21 07:02:19

Extracted by:  
2206

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

Analytical Batch : GA022733POT

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

Analyzed Date : 02/21/21 09:39:42

Reviewed On : 02/23/21 08:07:40

Batch Date : 02/19/21 14:01:25

Dilution : 40

Reagent : 010621.23; 110519.12; 021521.R19; 021521.R21

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

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  
02/24/21



# 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 : GA10219002-006

Harvest/Lot ID: LHSFS103-210208-01

Batch # : DF-WW-020221

Sampled : 02/19/21

Ordered : 02/19/21

Sample Size Received : 16 gram

Total Amount : 1122

Completed : 02/24/21 Expires: 02/24/22

Sample Method : SOP.T.20.010

Page 2 of 2

Terpenes				TESTED			
Terpenes	LOD (%)	mg/g %	Result (%)	Terpenes	LOD (%)	mg/g %	Result (%)
CAMPHENE	0.007	0		TERPINEOL	0.007	0.58 0.058	
BETA-MYRCENE	0.007	1.834		GERANIOL	0.007	0 0	
ALPHA-PHELLANDRENE	0.007	0.061		PULEGONE	0.007	0 0	
3-CARENE	0.007	0.001		ALPHA-CEDRENE	0.007	0 0	
OCIMENE	0.007	0		ALPHA-HUMULENE	0.007	2.03 0.203	
EUCALYPTOL	0.007	0		TRANS-NEROLIDOL	0.007	0 0	
LINALOOL	0.007	0.066		GUAIOL	0.007	0.71 0.071	
FENCHONE	0.007	0		Analyzed by: 2155 Weight: 0.997g Extraction date: 02/22/21 01:02:30 Extracted by: 650			
ISOPULEGOL	0.007	0		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL			
ISOBORNEOL	0.007	0		Analytical Batch : GA022745TER Reviewed On : 02/23/21 15:46:31			
HEXAHYDROTHYMOL	0.007	0		Instrument Used : GA-GCMS-002 QP2010S Batch Date : 02/19/21 16:48:45			
NEROL	0.007	0		Analyzed Date : 02/23/21 15:00:16			
GERANYL ACETATE	0.007	0		Dilution : 10			
BETA-CARYOPHYLLENE	0.007	1.452		Reagent : 060920.20; 010621.15			
VALENCENE	0.007	0.483		Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; VAV-09-1020 (947.077) /			
CIS-NEROLIDOL	0.007	0		ALK-09-1412 (9291.179); P734631 / P7411895; 16466-042			
CARYOPHYLLENE OXIDE	0.007	0.011		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.			
FARNESENE	0.007	0					
ALPHA-BISABOLOL	0.007	0.25					
ALPHA-PINENE	0.007	0.539					
SABINENE	0.007	0					
BETA-PINENE	0.007	0.23					
ALPHA-TERPINENE	0.007	0					
LIMONENE	0.007	0.353					
GAMMA-TERPINENE	0.007	0					
TERPINOLENE	0.007	0.217					
SABINENE HYDRATE	0.007	0					
FENCHYL ALCOHOL	0.007	0.018					
CAMPHOR	0.013	0					
BORNEOL	0.013	0					
Total (%)							