



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample:** GA01106003-001  
**Harvest/Lot ID:** LHSFS107-201102-01  
**Batch#:** DF-BUKU-101420  
**Cultivation Facility:**  
**Processing Facility:**  
**Distributor Facility:**  
**Source Facility:**  
**Seed to Sale#** LHSFS107-201102-01  
**Batch Date:** 11/02/20  
**Sample Size Received:** 15 gram  
**Total Amount:** N/A  
**Retail Product Size:** 1.055 gram gram  
**Ordered:** 11/06/20  
**Sampled:** 11/06/20  
**Completed:** 09/02/21  
**Sampling Method:** SOP.T.20.010

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



# PASSED

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### PRODUCT IMAGE

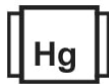


BOX

### 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 : 854.284 mg



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

CBD/Container : 3.053 mg



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

Total Cannabinoids/Container : 912.919 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	2.997	0.289	0.456	1.105	80.974	0	0.708	0
mg/g											
LOD	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001
%											

Analyzed by:  
508

Weight:  
0.1015g

Extraction date:  
11/09/20 10:11:09

Extracted by:  
2119

Analysis Method : SOP.T.40.031, SOP.T.30.031  
 Analytical Batch : GA018564POT  
 Instrument Used : GA-HPLC-001 2030C Plus  
 Running on : 11/09/20 14:34:01

Reviewed On : 11/10/20 09:40:06  
 Batch Date : 11/07/20 16:54:15

Dilution : 40  
 Reagent : 110520.25; 092920.18; 110220.R26; 110220.R25  
 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

09/02/21

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 : GA01106003-001

Harvest/Lot ID: LHSFS107-201102-01

Batch# : DF-BUKU-101420

Sampled : 11/06/20

Ordered : 11/06/20

Sample Size Received : 15 gram

Total Amount : N/A

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

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	
CAMPHENE	0.007	0			GERANIOL	0.007	0.85	0.085	
BETA-MYRCENE	0.007	0.076			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	2.25	0.225	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0	0	
EUCALYPTOL	0.007	0			GUAIOL	0.007	0	0	
LINALOOL	0.007	0.414			Analyzed by: 2155 Weight: 1.0033g Extraction date: 11/09/20 09:11:30 Extracted by: 2103				
FENCHONE	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOPULEGOL	0.007	0			Analytical Batch : GA018565TER				
ISOBORNEOL	0.007	0			Instrument Used : GA-GCMS-002 QP2010S				
HEXAHYDROTHYMOL	0.007	0			Running on : 11/09/20 15:25:45				
NEROL	0.007	0			Dilution : 101				
GERANYL ACETATE	0.007	0			Reagent : 060920.21				
BETA-CARYOPHYLLENE	0.007	2.441			Consumables : 280630187; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895;				
VALENCENE	0.007	0			16466-042				
CIS-NEROLIDOL	0.007	0			Pipette : N/A				
CARYOPHYLLENE OXIDE	0.007	0.024			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
CEDROL	0.007	0							
FARNESENE	0.007	0							
ALPHA-BISABOLOL	0.007	0.68							
ALPHA-PINENE	0.007	0.128							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.207							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	1.398							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0.009							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.231							
CAMPHOR	0.013	0							
Total (%)									