



# 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	SAFETY RESULTS								MISC.
	 Pesticides <b>PASSED</b>	 Heavy Metals <b>PASSED</b>	 Microbials <b>PASSED</b>	 Mycotoxins <b>PASSED</b>	 Residuals Solvents <b>PASSED</b>	 Filtth <b>PASSED</b>	 Water Activity <b>PASSED</b>	 Moisture <b>NOT TESTED</b>	 Terpenes <b>TESTED</b>

 **Cannabinoid** **PASSED**

 <b>Total THC</b> <b>0%</b> /Container : 854.284 mg	 <b>Total CBD</b> <b>0%</b> CBD/Container : 3.053 mg	 <b>Total Cannabinoids</b> <b>0%</b> Total Cannabinoids/Container : 912.919 mg
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	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 TERPINEOL	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			GUAJOL	0.007	0	0				
LINALOOL	0.007	0.414										
FENCHONE	0.007	0			Analyzed by:	2155	Weight:	1.0033g	Extraction date:	11/09/20 09:11:30	Extracted by:	2103
ISOPULEGOL	0.007	0			Analysis Method :	SOP.T.30.061A.FL, SOP.T.40.061A.FL						
ISOBORNEOL	0.007	0			Analytical Batch :	GA018565TER						
HEXAHYDROTHYMOL	0.007	0			Instrument Used :	GA-GCMS-002 QP2010S						
NEROL	0.007	0			Running on :	11/09/20 15:25:45						
GERANYL ACETATE	0.007	0			Dilution :	101						
BETA-CARYOPHYLLENE	0.007	2.441			Reagent :	060920.21						
VALENCENE	0.007	0			Consumables :	280630187; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 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 (%)												