



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: DA01230008-003  
Harvest/Lot ID: LHSFS105-201221-01  
Batch#: DF-SD-112720  
Seed to Sale# LHSFS105-201221-01  
Batch Date: 12/21/20  
Sample Size Received: 16 gram  
Total Amount: 834 units  
Retail Product Size: 1.2  
Ordered: 12/29/20  
Sampled: 12/29/20  
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 : 967.14 mg


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

/Container : 3.396 mg


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

Total Cannabinoids/Container : 1004.856 mg

%  
mg/unit  
LOD

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
	0	0	0	1.77	0.283	0.376	0.632	80.595	0.082	0	0
	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001
	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
450

Weight:  
0.1043g

Extraction date:  
01/05/21 08:01:27

Extracted by:  
450

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

Analytical Batch : DA020773POT

Instrument Used : DA-LC-003

Analyzed Date : 01/05/21 20:46:43

Reviewed On : 01/06/21 09:57:13

Batch Date : 01/05/21 16:53:10

Dilution : 400

Reagent : 110520.72; 123020.R12; 010421.R18; 110220.45

Consumables : U1AX005180181025; 76262-590; 009C6-009; 914C4-914AK; 929C6-929H

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.

**Jorge Segredo**

Lab Director

State License # CMTL-0002  
ISO 17025 Accreditation # ISO/IEC  
17025:2017 Accreditation PJLA-  
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 : DA01230008-003

Harvest/Lot ID: LHSF5105-201221-01

Batch# : DF-SD-112720

Sampled : 12/29/20

Ordered : 12/29/20

Sample Size Received : 16 gram

Total Amount : 834 units

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

Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPINEOL	0.007	0			BORNEOL	0.013	0	0	
CAMPHENE	0.007	0			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	0.393			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	2.532	0.211	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0	0	
EUCALYPTOL	0.007	0			GUAJOL	0.007	0	0	
LINALOOL	0.007	0.214			Analyzed by: 1351 Weight: 1.0282g Extraction date: 12/30/20 01:12:56 Extracted by: 1351				
FENCHONE	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOPULEGOL	0.007	0			Analytical Batch : DA0205597ER				
ISOBORNEOL	0.007	0			Instrument Used : DA-GCMS-005				
HEXAHYDROTHYMOL	0.007	0			Analyzed Date : 12/31/20 11:56:04				
NEROL	0.007	0			Dilution : 10				
GERANYL ACETATE	0.007	0			Reagent : 122820.R21; 122820.R22; 111320.R15; 120820.R29				
BETA-CARYOPHYLLENE	0.007	1.143			Consumables : 287035261; 76262-590				
VALENCENE	0.007	0.645			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	0.202							
ALPHA-PINENE	0.007	0.08							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.154							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0.985							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.081							
CAMPHOR	0.013	0							
Total (%)									