



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA11019002-003  
Harvest/Lot ID: FCS146-2110-0015  
Batch#: PSOL-1300-072221-2  
Seed to Sale# FCS146-2110-0015  
Batch Date: 10/14/21  
Sample Size Received: 16 gram  
Total Amount: 264 gram  
Retail Product Size: 1  
Ordered : 10/19/21  
Sampled : 10/19/21  
Completed: 10/21/21  
Sampling Method: SOP.T.20.010

**PASSED**

Oct 21, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US



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PRODUCT IMAGE

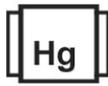


Mylar Bag

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 : 701.82 mg



Total CBD

**0%**

/Container : 1.54 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 796.68 mg

	CBDV	CBDa	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0.176	1.03	0.357	0	0	0.104	16.593	0	0.303	61.105
mg/g											
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%											

Analyzed by:  
2338

Weight:  
0.1003g

Extraction date:  
10/19/21 03:10:06

Extracted by:  
3057

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA032790POT  
Instrument Used : GA-HPLC-003 2030C PDA  
Analyzed Date : 10/20/21 10:12:28

Reviewed On : 10/20/21 12:14:53  
Batch Date : 10/19/21 08:15:04

Dilution : 400  
Reagent : 060220.R16; 010421.48; 092821.12; 101421.R16; 101421.R18  
Consumables : 947.271; 470228-424; 9291.271; 200721; 12035-035CD-035C; RONB32898; 00310305  
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

10/21/21

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 : GA11019002-003

Harvest/Lot ID: FCS146-2110-0015

Batch# : PSOL-1300-072221-2 Sample Size Received : 16 gram

Sampled : 10/19/21 Total Amount : 264 gram

Ordered : 10/19/21 Completed : 10/21/21 Expires: 10/21/22

Sample Method : SOP.T.20.010

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## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPINEOL	0.007	0		
CAMPHENE	0.007	0		
BETA-MYRCENE	0.007	0.029		
3-CARENE	0.007	0		
ALPHA-PHELLANDRENE	0.007	0		
OCIMENE	0.007	0		
EUCALYPTOL	0.007	0		
LINALOOL	0.007	0.621		
FENCHONE	0.007	0		
ISOPULEGOL	0.007	0		
ISOBORNEOL	0.007	0		
HEXAHYDROTHYMOL	0.007	0		
NEROL	0.007	0		
GERANYL ACETATE	0.007	0		
BETA-CARYOPHYLLENE	0.007	2.111		
VALENCENE	0.007	0		
CEDROL	0.007	0		
CIS-NEROLIDOL	0.007	0		
FARNESENE	0.007	0.071		
CARYOPHYLLENE OXIDE	0.007	0.149		
ALPHA-BISABOLOL	0.007	0.625		
ALPHA-PINENE	0.007	0		
SABINENE	0.007	0		
BETA-PINENE	0.007	0		
ALPHA-TERPINENE	0.007	0		
LIMONENE	0.007	0.18		
GAMMA-TERPINENE	0.007	0		
TERPINOLENE	0.007	0.026		
SABINENE HYDRATE	0.007	0		
FENCHYL ALCOHOL	0.007	0.226		
CAMPHOR	0.013	0		

Terpenes	LOD (%)	mg/g	%	Result (%)
BORNEOL	0.013	0	0	
GERANIOL	0.007	0	0	
PULEGONE	0.007	0	0	
ALPHA-CEDRENE	0.007	0	0	
ALPHA-HUMULENE	0.007	6.39	0.639	
TRANS-NEROLIDOL	0.007	1.48	0.148	
GUAJOL	0.007	0.18	0.018	

Analyzed by: 2155 Weight: 0.95g Extraction date: 10/19/21 12:10:22 Extracted by: 3057

Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL  
Analytical Batch : GA032793TER Reviewed On : 10/20/21 12:17:33  
Instrument Used : GA-GCMS-005 QP2020NX Batch Date : 10/19/21 08:18:04  
Analyzed Date : 10/19/21 13:36:27

Dilution : 100  
Reagent : 091021.R15; 010421.32; 010421.48  
Consumables : 947.271; 470228-424; 9291.271; 200721; 210419634; RONB32898; 00310305  
Pipette : N/A

Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.

Total (%)

