



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample:GA10106002-007  
Harvest/Lot ID: CLFV104-201231-01  
Batch#: DF-TRCO-122220  
Seed to Sale# CLFV104-201231-01  
Batch Date: 12/31/20  
Sample Size Received: 15.5 gram  
Total Amount: 1928 units  
Retail Product Size: .5007  
Ordered: 01/06/21  
Sampled: 01/06/21  
Completed: 04/30/21  
Sampling Method: SOP.T.20.010

Apr 30, 2021 | Liberty Health Sciences, FL

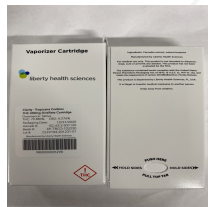
18770 N CR 225  
Gainesville, FL, 32609, US



**PASSED**

Pages 1 of 2

### PRODUCT IMAGE

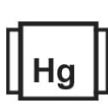


Box

### 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 : 381.21 mg



Total CBD

**0%**

/Container : 1.348 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 398.435 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.206	0.269	0.93	0.817	76.135	0	0.216	0
mg/unit	0.001	0.001	0.001	0.001	0.001	0.001	0.001		0.001	0.001	0.001
LOD	%	%	%	%	%	%	%	%	%	%	%

Analized by:  
2338

Weight:  
0.1003g

Extraction date:  
01/07/21 10:01:59

Extracted by:  
1791

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA020860POT  
Instrument Used : GA-HPLC-001 2030C Plus (Carl)  
Analized Date : 01/08/21 07:01:34

Reviewed On : 01/11/21 15:10:25  
Batch Date : 01/07/21 10:21:27

Dilution : 40  
Reagent : 110519.13; 010621.04; 123120.R06; 010521.R03  
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  
04/30/21



# 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 : GA10106002-007  
 Harvest/Lot ID: CLFV104-201231-01

 Batch# : DF-TRCO-122220    Sample Size Received : 15.5 gram  
 Sampled : 01/06/21    Total Amount : 1928 units  
 Ordered : 01/06/21    Completed : 04/30/21 Expires: 04/30/22  
 Sample Method : SOP.T.20.010

Page 2 of 2

Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
CAMPENE	0.007	0			TERPINEOL	0.007	0.956	0.191	
BETA-MYRCENE	0.007	2.114			GERANIOL	0.007	0.39	0.078	
ALPHA-PHELLANDRENE	0.007	0			PULEGONE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007	0			ALPHA-HUMULENE	0.007	1.226	0.245	
EUCALYPTOL	0.007	0			TRANS-NEROLIDOL	0.007	0.18	0.036	
LINALOOL	0.007	0.15			GUAJOL	0.007	0	0	
FENCHONE	0.007	0			Analyzed by: 2155      Weight: 1.0059g      Extraction date: 01/11/21 10:01:47      Extracted by: 1541				
ISOPULEGOL	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOBORNEOL	0.007	0			Analytical Batch : GA020938TER				
HEXAHYDROTHYMOL	0.007	0			Instrument Used : GA-GCMS-002 QP2010S				
NEROL	0.007	0			Analyzed Date : 01/11/21 15:24:45				
GERANYL ACETATE	0.007	0			Dilution : 10				
BETA-CARYOPHYLLENE	0.007	1.54			Reagent : 122320.03				
VALENCENE	0.007	0.065			Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042				
CIS-NEROLIDOL	0.007	0			Pipette : N/A				
CARYOPHYLLENE OXIDE	0.007	0.028			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	0.038							
ALPHA-PINENE	0.007	1.214							
SABINENE	0.007	0.007							
BETA-PINENE	0.007	0.396							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0.427							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0.012							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.053							
CAMPHOR	0.013	0.011							
BORNEOL	0.013	0							
Total (%)									