



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA10416002-014
Harvest/Lot ID: CLFV102-210408-01
Batch#: DF-PUPU-033121
Seed to Sale# CLFV102-210408-01
Batch Date: 04/08/21
Sample Size Received: 16.3711 gram
Total Amount: 4047 gram
Retail Product Size: 0.5281
Ordered : 04/16/21
Sampled : 04/16/21
Completed: 04/21/21
Sampling Method: SOP.T.20.010

Apr 21, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



PASSED

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PRODUCT IMAGE

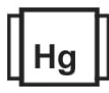


Box

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 : 417.454 mg



Total CBD

0%

/Container : 1.577 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 445.898 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	2.057	0.298	0.796	1.772	79.048	0	0.461	0
mg/g	0.001	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:
0.1005g

Extraction date:
04/19/21 01:04:46

Extracted by:
2206

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

Analytical Batch : GA025129POT

Instrument Used : GA-HPLC-001 2030C Plus (Carl)

Analyzed Date : 04/19/21 17:03:16

Reviewed On : 04/20/21 17:09:06

Batch Date : 04/19/21 08:08:58

Dilution : 40

Reagent : 010421.50; 021821.04; 041221.R15; 041221.R14

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
04/21/21



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 : GA10416002-014

Harvest/Lot ID: CLFV102-210408-01

Batch# : DF-PUPU-033121

Sampled : 04/16/21

Ordered : 04/16/21


Sample Size Received : 16.3711 gram

Total Amount : 4047 gram

Completed : 04/21/21 Expires: 04/21/22

Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPHENE	0.007		0.011		TERPINEOL	0.007	2.54	0.254	
BETA-MYRCENE	0.007		0.418		GERANIOL	0.007	0	0	
ALPHA-PHELLANDRENE	0.007		0		PULEGONE	0.007	0	0	
3-CARENE	0.007		0		ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007		0.119		ALPHA-HUMULENE	0.007	4.82	0.482	
EUCALYPTOL	0.007		0		TRANS-NEROLIDOL	0.007	0.07	0.007	
LINALOOL	0.007		0.37		GUAJOL	0.007	0.14	0.014	
FENCHONE	0.007		0		<div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div> <div>Analysis Batch : GA025120TER</div> <div>Instrument Used : GA-GCMS-005 QP2020NX</div> <div>Analysis Date : 04/19/21 08:10:32</div> <div>Reviewed On : 04/20/21 15:13:23</div> <div>Batch Date : 04/16/21 16:19:10</div>				
ISOPULEGOL	0.007		0		<div>Dilution : 10</div> <div>Reagent : 010421.36; 010421.50; 021121.36</div> <div>Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; 16466-042</div> <div>Pipette : N/A</div>				
ISOBORNEOL	0.007		0		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
HEXAHYDROTHYMOL	0.007		0						
NEROL	0.007		0						
GERANYL ACETATE	0.007		0						
BETA-CARYOPHYLLENE	0.007		2.244						
VALENCENE	0.007		0						
CIS-NEROLIDOL	0.007		0						
CARYOPHYLLENE OXIDE	0.007		0.109						
CEDROL	0.007		0						
FARNESENE	0.007		0						
ALPHA-BISABOLOL	0.007		0.031						
ALPHA-PINENE	0.007		0.423						
SABINENE	0.007		0						
BETA-PINENE	0.007		0.228						
ALPHA-TERPINENE	0.007		0						
LIMONENE	0.007		2.174						
GAMMA-TERPINENE	0.007		0						
TERPINOLENE	0.007		0						
SABINENE HYDRATE	0.007		0						
FENCHYL ALCOHOL	0.007		0.058						
CAMPOR	0.013		0						
BORNEOL	0.013		0						
Total (%)									