



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA20107001-021
Harvest/Lot ID: HVFV114-2201-3059
Batch#: DF-BD-2112-2600
Seed to Sale# HVFV114-2201-3059
Batch Date: 01/03/22
Sample Size Received: 16 gram
Total Amount: 1984 gram
Retail Product Size: 1
Ordered: 01/07/22
Sampled: 01/07/22
Completed: 01/10/22
Sampling Method: SOP.T.20.010

Jan 10, 2022 | 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
79.204%
/Container : 792.04 mg



Total CBD
0.346%
/Container : 3.46 mg



Total Cannabinoids
84.394%
Total Cannabinoids/Container : 843.94 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	3.438	0.346	0.601	0.366	79.204	0	0.439	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	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
2507

Weight:
0.2012g

Extraction date:
01/07/22 01:01:30

Extracted by:
3209

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

Analytical Batch : GA036507POT

Instrument Used : GA-HPLC-003 2030C PDA

Analyzed Date : 01/07/22 17:23:34

Reviewed On : 01/10/22 17:57:36

Batch Date : 01/07/22 10:03:43

Dilution : 400

Reagent : 111120.22; 110821.R36; 010421.51; 121321.09; 010322.R45; 010322.R44

Consumables : 947.271; 470228-424; 9291.271; 110921; R0NB32898; 12224-108CD-108C; R0PB40901

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
01/10/22



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 : GA20107001-021
 Harvest/Lot ID: HVFV114-2201-3059

 Batch# : DF-BD-2112-2600 Sample Size Received : 16 gram
 Sampled : 01/07/22 Total Amount : 1984 gram
 Ordered : 01/07/22 Completed : 01/10/22 Expires: 01/10/23
 Sample Method : SOP.T.20.010

Page 2 of 2



Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPENEOL	0.007		0.045		BORNEOL	0.013	0.69	0.069	
CAMPENE	0.007		0.047		GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007		1.436		PULEGONE	0.007	0	0	
3-CARENE	0.007		0.049		ALPHA-CEDRENE	0.007	0.68	0.068	
ALPHA-PHELLANDRENE	0.007		0		ALPHA-HUMULENE	0.007	2.05	0.205	
OCIMENE	0.007		0		TRANS-NEROLIDOL	0.007	0	0	
EUCALYPTOL	0.007		0		GUAJOL	0.007	0	0	
LINALOOL	0.007		0.147		Analyzed by: 2155 Weight: 0.9432g Extraction date: 01/07/22 03:01:08 Extracted by: 2155				
FENCHONE	0.007		0		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOPULEGOL	0.007		0		Analytical Batch : GA036504TER Reviewed On : 01/10/22 13:32:00				
ISOBORNEOL	0.007		0		Instrument Used : GA-GCMS-002 QP2010S Batch Date : 01/07/22 10:01:18				
HEXAHYDROTHYMOL	0.007		0		Analyzed Date : 01/07/22 16:15:10				
NEROL	0.007		0		Dilution : 100				
GERANYL ACETATE	0.007		0		Reagent : 091021.R15; 071221.07; 010421.48				
BETA-CARYOPHYLLENE	0.007		0.647		Consumables : 947.271; 470228-424; 9291.271; 110921; 210419634; R0NB32898; 00299409				
VALENCENE	0.007		0.168		Pipette : N/A				
CEDROL	0.007		0		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
CIS-NEROLIDOL	0.007		0						
FARNESENE	0.007		0.033						
CARYOPHYLLENE OXIDE	0.007		0						
ALPHA-BISABOOL	0.007		0.175						
ALPHA-PINENE	0.007		1.435						
SABINENE	0.007		0						
BETA-PINENE	0.007		0.388						
ALPHA-TERPINENE	0.007		0						
LIMONENE	0.007		0.256						
GAMMA-TERPINENE	0.007		0						
TERPINOLENE	0.007		0						
SABINENE HYDRATE	0.007		0						
FENCHYL ALCOHOL	0.007		0.069						
CAMPHOR	0.013		0.083						
Total (%)			5.32						