



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA20107001-022
Harvest/Lot ID: HVFV118-2201-3108
Batch#: DF-GOGL-2112-2597
Seed to Sale# HVFV118-2201-3108
Batch Date: 01/03/22
Sample Size Received: 16 gram
Total Amount: 1998 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
81.171%
 /Container : 811.71 mg



Total CBD
0%
 /Container : 0 mg



Total Cannabinoids
85.966%
 Total Cannabinoids/Container : 859.66 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	3.527	0	0.49	0.345	81.171	0	0.433	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:
 0.2004g

Extraction date:
 01/07/22 01:01:23

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 17:57:39

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

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Page 2 of 2



Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPINEOL	0.007	0.178			BORNEOL	0.013	0.77	0.077	
CAMPHENE	0.007	0.029			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	0.193			PULEGONE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-CEDRENE	0.007	0.72	0.072	
ALPHA-PHELLANDRENE	0.007	0.034			ALPHA-HUMULENE	0.007	2.62	0.262	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	1.74	0.174	
EUCALYPTOL	0.007	0.096			GUAJOL	0.007	0.73	0.073	
LINALOOL	0.007	0.145			Analyzed by:	Weight:	Extraction date:	Extracted by:	
FENCHONE	0.007	0			2155	1.0234g	01/07/22 03:01:08	2155	
ISOPULEGOL	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOBORNEOL	0.007	0			Analytical Batch : GA036504TER				
HEXAHYDROTHYMOL	0.007	0			Instrument Used : GA-GCMS-002 QP2010S				
NEROL	0.007	0			Analyzed Date : 01/07/22 16:15:10				
GERANYL ACETATE	0.007	0.098			Dilution : 100				
BETA-CARYOPHYLLENE	0.007	0.844			Reagent : 091021.R15; 071221.07; 010421.48				
VALENCENE	0.007	0.487			Consumables : 947.271; 470228-424; 9291.271; 110921; 210419634; R0NB32898; 00299409				
CEDROL	0.007	0.075			Pipette : N/A				
CIS-NEROLIDOL	0.007	0.152			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
FARNESENE	0.007	0.038							
CARYOPHYLLENE OXIDE	0.007	0.108							
ALPHA-BISABOLOL	0.007	0.107							
ALPHA-PINENE	0.007	0.094							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.141							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	1.795							
GAMMA-TERPINENE	0.007	0.221							
TERPINOLENE	0.007	0							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.119							
CAMPHOR	0.013	0							
Total (%)		5.612							