



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA20108001-002
Harvest/Lot ID: PHFV106-2201-3159
Batch#: DF-FFRU-2111-1338
Seed to Sale# PHFV106-2201-3159
Batch Date: 01/05/22
Sample Size Received: 15.5 gram
Total Amount: 1665 gram
Retail Product Size: 0.5
Ordered: 01/08/22
Sampled: 01/08/22
Completed: 01/12/22
Sampling Method: SOP.T.20.010

Jan 12, 2022 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US

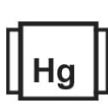
PASSED

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
84.057%
/Container : 420.285 mg

Total CBD
0.185%
/Container : 0.925 mg

Total Cannabinoids
88.791%
Total Cannabinoids/Container : 443.955 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	3.31	0.185	0.697	0.22	84.057	0	0.322	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:
0.105g

Extraction date:
01/08/22 04:01:51

Extracted by:
3209

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

Analytical Batch : GA036525POT

Instrument Used : GA-HPLC-002 2040C

Analyzed Date : 01/10/22 10:30:35

Reviewed On : 01/10/22 11:54:53

Batch Date : 01/07/22 11:14:14

Dilution : 400

Reagent : 110821.R36; 010421.48; 122121.08; 111120.22; 010322.R46; 010322.R43

Consumables : 947.271; 470228-424; 9291.271; 110921; 12035-034CD-034C; R0NB32898; 00314906; 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
01/12/22



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 : GA20108001-002

Harvest/Lot ID: PHFV106-2201-3159

Batch# : DF-FFRU-2111-1338

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Sample Method : SOP.T.20.010

Page 2 of 2



Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)			
TOTAL TERPINEOL	0.007	0			BORNEOL	0.013	0	0				
CAMPHENE	0.007	0			GERANIOL	0.007	0	0				
BETA-MYRCENE	0.007	2.089			PULEGONE	0.007	0	0				
3-CARENE	0.007	0.044			ALPHA-CEDRENE	0.007	0	0				
ALPHA-PHELLANDRENE	0.007	0			ALPHA-HUMULENE	0.007	3.17	0.317				
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	2.17	0.217				
EUCALYPTOL	0.007	0			GUAJOL	0.007	0.9	0.09				
LINALOOL	0.007	0.443			Analyzed by:	2155	Weight:	1.0025g	Extraction date:	01/08/22 04:01:23	Extracted by:	3192
FENCHONE	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL							
ISOPULEGOL	0.007	0			Analytical Batch : GA036563TER							
ISOBORNEOL	0.007	0			Instrument Used : GA-GCMS-002 QP2010S							
HEXAHYDROTHYMOL	0.007	0			Analyzed Date : 01/10/22 11:23:42							
NEROL	0.007	0			Dilution : 100							
GERANYL ACETATE	0.007	0			Reagent : 091021.R15; 071221.07; 010421.48							
BETA-CARYOPHYLLENE	0.007	1.096			Consumables : 947.271; 470228-424; 9291.271; 110921; 190611634; R0NB32898; 00310305							
VALENCENE	0.007	0			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										
CARYOPHYLLENE OXIDE	0.007	0.083										
ALPHA-BISABOLOL	0.007	0.158										
ALPHA-PINENE	0.007	0.03										
SABINENE	0.007	0										
BETA-PINENE	0.007	0.088										
ALPHA-TERPINENE	0.007	0										
LIMONENE	0.007	1.102										
GAMMA-TERPINENE	0.007	0										
TERPINOLENE	0.007	0										
SABINENE HYDRATE	0.007	0										
FENCHYL ALCOHOL	0.007	0.064										
CAMPHOR	0.013	0										
Total (%)			5.821									