



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10824002-002
Harvest/Lot ID: PHFV102-2108-0144
Batch#: DF-GDP-070821
Seed to Sale# PHFV102-2108-0144
Batch Date: 08/20/21
Sample Size Received: 15.5 gram
Total Amount: 1055 gram
Retail Product Size: 0.5
Ordered: 08/24/21
Sampled: 08/24/21
Completed: 08/26/21
Sampling Method: SOP.T.20.010

Aug 26, 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 : 381.69 mg



Total CBD

0%

/Container : 3.552 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 419.431 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.462	0.71	1.276	3.503	76.338	0	0.595	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:
0.0977g

Extraction date:
08/24/21 12:08:59

Extracted by:
2821

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

Analytical Batch : GA030320POT

Instrument Used : GA-HPLC-002 2040C

Analized Date : 08/24/21 13:25:00

Reviewed On : 08/25/21 12:06:00

Batch Date : 08/24/21 09:04:46

Dilution : 40

Reagent : 060220.R16; 010421.50; 061121.04; 081121.R62; 080921.R45

Consumables : 947.271; 470228-424; 9291.271; 200721; 12035-035CD-035C; R0NB32898; 00295461

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
08/26/21



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 : GA10824002-002

Harvest/Lot ID: PHFV102-2108-0144

Batch# : DF-GDP-070821

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Ordered : 08/24/21

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Page 2 of 2



Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPENEOL	0.007	0			BORNEOL	0.013	0	0	
CAMPENE	0.007	0			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	0.637			PULEGONE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0			ALPHA-CEDRENE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-HUMULENE	0.007	9.9	0.99	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0	0	
EUCALYPTOL	0.007	0			GUAJOL	0.007	0	0	
LINALOOL	0.007	1.977			Analyzed by: 2155 Weight: 1.0044g Extraction date: 08/24/21 11:08:12 Extracted by: 2820				
FENCHONE	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA030321TER Reviewed On : 08/25/21 14:48:23 Instrument Used : GA-GCMS-005 QP2020NX Batch Date : 08/24/21 09:06:25 Analyzed Date : 08/24/21 14:01:50				
ISOPULEGOL	0.007	0			Dilution : 10 Reagent : 042921.R11; 010421.37; 010421.50 Consumables : 282066106; 947.271; 470228-424; 9291.271; 200111; 210419634; 00295461 Pipette : N/A				
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	0.808							
VALENCENE	0.007	0							
CIS-NEROLIDOL	0.007	0							
CARYOPHYLLENE OXIDE	0.007	0.029							
CEDROL	0.007	0							
FARNESENE	0.007	0							
ALPHA-BISABOLOL	0.007	0.007							
ALPHA-PINENE	0.007	0.078							
SABINENE	0.007	0							
BETA-PINENE	0.007	0							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0							
CAMPHOR	0.013	0							
Total (%)									