



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10730002-006
Harvest/Lot ID: PHFV102-210723-01
Batch#: DF-GDP-071621
Seed to Sale# PHFV102-210723-01
Batch Date: 07/23/21
Sample Size Received: 15.5 gram
Total Amount: 3407 gram
Retail Product Size: 0.5
Ordered: 07/30/21
Sampled: 07/30/21
Completed: 08/04/21
Sampling Method: SOP.T.20.010

Aug 04, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US

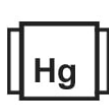
PASSED

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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 : 394.77 mg


Total CBD
0%

/Container : 1.043 mg


Total Cannabinoids
0%

Total Cannabinoids/Container : 412.204 mg

	CBDV	CBDa	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.996	0.208	0.309	0.597	78.954	0	0.375	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:
2338

Weight:
0.102g

Extraction date:
07/30/21 03:07:07

Extracted by:
2206

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

Analytical Batch : GA029307POT

Instrument Used : GA-HPLC-001 2030C Plus

Analyzed Date : 07/30/21 16:59:45

Reviewed On : 08/02/21 18:06:45

Batch Date : 07/30/21 09:22:02

Dilution : 40

Reagent : 060220.R16; 010421.50; 070821.06; 072621.R34; 072721.R45

Consumables : 947.217; 470228-424; 9291.271; 200111; 12035-035CD-035C; R0NB32898; 00299409

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
08/04/21



Certificate of Analysis

PASSED

Liberty Health Sciences, FL

 18770 N CR 225
 Gainesville, FL, 32609, US
 Telephone: (833) 254-4877
 Email: Qualityassurance@libertyhealthsciences.com

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Harvest/Lot ID: PHFV102-210723-01

Batch# : DF-GDP-071621

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPINEOL	0.007	0			BORNEOL	0.013	0	0	
CAMPENE	0.007	0			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	0.742			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	10.24	1.024	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0	0	
EUCALYPTOL	0.007	0			GUAJOL	0.007	0	0	
LINALOOL	0.007	2.014			Analyzed by: 2155 Weight: 1.0139g Extraction date: 07/30/21 12:07:36 Extracted by: 2820				
FENCHONE	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOPULEGOL	0.007	0			Analytical Batch : GA029309TER Reviewed On : 08/02/21 18:40:15				
ISOBORNEOL	0.007	0			Instrument Used : GA-GCMS-002 QP2010S Batch Date : 07/30/21 09:22:46				
HEXAHYDROTHYMOL	0.007	0			Analyzed Date : 07/30/21 14:35:43				
NEROL	0.007	0			Dilution : 10				
GERANYL ACETATE	0.007	0			Reagent : 042921.R11; 122320.04; 010421.50				
BETA-CARYOPHYLLENE	0.007	1.269			Consumables : 282066106; 947.217; 470228-424; 9291.271; 200111; 190611634; 16466-042				
VALENCENE	0.007	0			Pipette : N/A				
CIS-NEROLIDOL	0.007	0			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
CARYOPHYLLENE OXIDE	0.007	0.046							
CEDROL	0.007	0							
FARNESENE	0.007	0							
ALPHA-BISABOLOL	0.007	0							
ALPHA-PINENE	0.007	0.093							
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 (%)									