



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA00825002-008
Harvest/Lot ID: PHFV104-200819-01
Batch#: DF-GEL-081120
Seed to Sale# PHFV104-200819-01
Batch Date: 08/19/20
Sample Size Received: 15 gram
Retail Product Size: .5179
Ordered : 08/25/20
Sampled : 08/25/20
Completed: 09/02/21
Sampling Method: SOP.T.20.010

Sep 02, 2021 | Liberty Health Sciences, FL

 18770 N CR 225
 Gainesville, FL, 32609, US

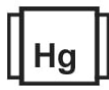
PASSED

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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 : 411.338 mg


Total CBD
0%

CBD/Container : 1.475 mg


Total Cannabinoids
0%

Total Cannabinoids/Container : 460.931 mg

	CBDV	CBDa	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	6.02	0.284	0.677	1.597	79.424	0	0.996	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:
 1541

 Weight:
 0.1007g

 Extraction date:
 08/31/20 03:08:59

 Extracted by:
 1790

 Analysis Method : SOP.T.40.031, SOP.T.30.031
 Analytical Batch : GA015236POT
 Instrument Used : GA-HPLC-001 2030C Plus
 Analyzed Date : N/A

 Reviewed On : 09/03/20 09:25:49
 Batch Date : 08/31/20 15:01:43

 Dilution : 40
 Reagent : 042220.37; 082520.R15; 082520.R14
 Consumables : 280630187; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; 16466-042
 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
 09/02/21



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 : GA00825002-008

Harvest/Lot ID: PHFV104-200819-01

Batch# : DF-GEL-081120

Sampled : 08/25/20

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Completed : 09/02/21 Expires: 09/02/22

Sample Method : SOP.T.20.010

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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				
CAMPHENE	0.007	0.07			GERANIOL	0.007	0.9	0.09				
BETA-MYRCENE	0.007	1.029			PULEGONE	0.007	0	0				
ALPHA-PHELLANDRENE	0.007	0.003			ALPHA-CEDRENE	0.007	0	0				
3-CARENE	0.007	0.034			ALPHA-HUMULENE	0.007	2.33	0.233				
OCIMENE	0.007	0.044			TRANS-NEROLIDOL	0.007	0.16	0.016				
EUCALYPTOL	0.007	0			GUAJOL	0.007	0	0				
LINALOOL	0.007	0.599			Analyzed by:	508	Weight:	1.0035g	Extraction date:	08/26/20 03:08:13	Extracted by:	1791
FENCHONE	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL							
ISOPULEGOL	0.007	0			Analytical Batch : GA015091TER							
ISOBORNEOL	0.007	0			Instrument Used : GA-GCMS-002 QP2010S							
HEXAHYDROTHYMOL	0.007	0			Analyzed Date : N/A							
NEROL	0.007	0.061			Dilution : 10							
GERANYL ACETATE	0.007	0			Reagent : 042920.02							
BETA-CARYOPHYLLENE	0.007	1.614			Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 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										
CEDROL	0.007	0										
FARNESENE	0.007	0										
ALPHA-BISABOLOL	0.007	0.049										
ALPHA-PINENE	0.007	0.326										
SABINENE	0.007	0										
BETA-PINENE	0.007	0.343										
ALPHA-TERPINENE	0.007	0.022										
LIMONENE	0.007	2.166										
GAMMA-TERPINENE	0.007	0										
TERPINOLENE	0.007	0.235										
SABINENE HYDRATE	0.007	0										
FENCHYL ALCOHOL	0.007	0.373										
CAMPHOR	0.013	0										
Total (%)												