



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA10302002-007
Harvest/Lot ID: PHFV121-210201-01
Batch#: DF-FFRU-120720
Seed to Sale# PHFV121-210201-01
Batch Date: 01/02/21
Sample Size Received: 15.5 gram
Total Amount: 395
Retail Product Size: 0.557
Ordered : 03/02/21
Sampled : 03/02/21
Completed: 03/08/21
Sampling Method: SOP.T.20.010

Mar 08, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US

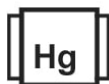
PASSED

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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 : 436.911 mg


Total CBD
0%

/Container : 2.475 mg


Total Cannabinoids
0%

Total Cannabinoids/Container : 458.662 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.928	0.444	0.688	0.675	78.323	0	0.151	0.132
mg/g	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:
0.1093g

Extraction date:
N/A

Extracted by:
N/A

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA023198POT
Instrument Used : GA-HPLC-001 2030C Plus (Carl)
Analyzed Date : 03/03/21 10:27:10

Reviewed On : 03/03/21 17:42:46
Batch Date : 03/02/21 10:20:07

Dilution : 40
Reagent : 021121.32; 022421.R04; 022221.R29
Consumables : 282066106; 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
03/08/21



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 : GA10302002-007

Harvest/Lot ID: PHFV121-210201-01

Batch# : DF-FFRU-120720

Sampled : 03/02/21

Ordered : 03/02/21


Sample Size Received : 15.5 gram

Total Amount : 395

Completed : 03/08/21 Expires: 03/08/22

Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPENE	0.007		0		TERPINEOL	0.007	0.64	0.064	
BETA-MYRCENE	0.007		1.712		GERANIOL	0.007	0	0	
ALPHA-PHELLANDRENE	0.007		0		PULEGONE	0.007	0	0	
3-CARENE	0.007		0		ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007		0		ALPHA-HUMULENE	0.007	1.65	0.165	
EUCALYPTOL	0.007		0		TRANS-NEROLIDOL	0.007	1.72	0.172	
LINALOOL	0.007		0.358		GUAIOL	0.007	0.3	0.03	
FENCHONE	0.007		0		<div> <div>Analyzed by: 2155</div> <div>Weight: 1.0463g</div> <div>Extraction date: N/A</div> <div>Extracted by: N/A</div> </div>				
ISOPULEGOL	0.007		0		<div> <div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div> <div> <div>Analytical Batch : GA023221TER</div> <div>Instrument Used : GA-GCMS-002 QP2010S</div> <div>Analyzed Date : N/A</div> </div> <div>Reviewed On : 03/04/21 12:34:26</div> <div>Batch Date : 03/02/21 12:14:07</div> </div>				
ISOBORNEOL	0.007		0		<div> <div>Dilution : 10</div> <div>Reagent : 010421.38</div> <div>Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179); P734631 / P7411895; 16466-042</div> <div>Pipette : N/A</div> </div>				
HEXAHYDROTHYMOL	0.007		0		<div> <div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div> </div>				
NEROL	0.007		0						
GERANYL ACETATE	0.007		0						
BETA-CARYOPHYLLENE	0.007		1.402						
VALENCENE	0.007		0.018						
CIS-NEROLIDOL	0.007		0						
CARYOPHYLLENE OXIDE	0.007		0						
CEDROL	0.007		0						
FARNESENE	0.007		0						
ALPHA-BISABOLOL	0.007		0.016						
ALPHA-PINENE	0.007		0						
SABINENE	0.007		0						
BETA-PINENE	0.007		0.036						
ALPHA-TERPINENE	0.007		0						
LIMONENE	0.007		0.903						
GAMMA-TERPINENE	0.007		0						
TERPINOLENE	0.007		0						
SABINENE HYDRATE	0.007		0						
FENCHYL ALCOHOL	0.007		0						
CAMPOR	0.013		0						
BORNEOL	0.013		0						
Total (%)									