



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA10409002-005
Harvest/Lot ID: PHFV106-210405-01
Batch#: DF-FFRU-032521
Seed to Sale# PHFV106-210405-01
Batch Date: 04/05/21
Sample Size Received: 15.2241 gram
Total Amount: 1483 gram
Retail Product Size: 0.4911
Ordered: 04/09/21
Sampled: 04/09/21
Completed: 04/14/21
Sampling Method: SOP.T.20.010

Apr 14, 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 : 382.458 mg



Total CBD

0%

/Container : 1.737 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 405.287 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.946	0.353	0.44	1.144	77.877	0	0.762	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:
0.1066g

Extraction date:
04/12/21 10:04:17

Extracted by:
1791

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

Analytical Batch : GA024899POT

Instrument Used : GA-HPLC-001 2030C Plus (Carl)

Analyzed Date : 04/12/21 13:09:20

Reviewed On : 04/13/21 11:24:39

Batch Date : 04/12/21 08:03:57

Dilution : 40

Reagent : 010421.51; 021121.34; 041221.R12; 041221.R05

Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179); 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
04/14/21



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 : GA10409002-005

Harvest/Lot ID: PHFV106-210405-01

Batch# : DF-FFRU-032521

Sampled : 04/09/21

Ordered : 04/09/21


Sample Size Received : 15.2241 gram

Total Amount : 1483 gram

Completed : 04/14/21 Expires: 04/14/22

Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPHENE	0.007		0		TERPINEOL	0.007	0	0	
BETA-MYRCENE	0.007		1.547		GERANIOL	0.007	0.18	0.018	
ALPHA-PHELLANDRENE	0.007		0.053		PULEGONE	0.007	0	0	
3-CARENE	0.007		0		ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007		0		ALPHA-HUMULENE	0.007	1.23	0.123	
EUCALYPTOL	0.007		0		TRANS-NEROLIDOL	0.007	1.47	0.147	
LINALOOL	0.007		0.394		GUAJOL	0.007	0	0	
FENCHONE	0.007		0		<div>Analysis by: 2155Weight: 1.0114gExtraction date: 04/09/21 03:04:28Extracted by: 1791</div> <div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div> <div>Analytical Batch : GA024887TER</div> <div>Instrument Used : GA-GCMS-005 QP2020NX</div> <div>Analyzed Date : 04/09/21 17:22:38</div> <div>Reviewed On : 04/12/21 14:00:50</div> <div>Batch Date : 04/09/21 15:00:12</div>				
ISOPULEGOL	0.007		0						
ISOBORNEOL	0.007		0						
HEXAHYDROTHYMOL	0.007		0						
NEROL	0.007		0						
GERANYL ACETATE	0.007		0						
BETA-CARYOPHYLLENE	0.007		1.204						
VALENCENE	0.007		0.037						
CIS-NEROLIDOL	0.007		0						
CARYOPHYLLENE OXIDE	0.007		0						
CEDROL	0.007		0						
FARNESENE	0.007		0		<div>Dilution : 10</div> <div>Reagent : 010421.36; 010421.50; 021121.36</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>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div>				
ALPHA-BISABOLOL	0.007		0.084						
ALPHA-PINENE	0.007		0						
SABINENE	0.007		0						
BETA-PINENE	0.007		0.002						
ALPHA-TERPINENE	0.007		0						
LIMONENE	0.007		0.87						
GAMMA-TERPINENE	0.007		0						
TERPINOLENE	0.007		0						
SABINENE HYDRATE	0.007		0						
FENCHYL ALCOHOL	0.007		0						
CAMPHOR	0.013		0						
BORNEOL	0.013		0						
Total (%)									