



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA10112003-009
Harvest/Lot ID: PHFV104-210111-01
Batch#: DF-GEL-010421R
Seed to Sale# PHFV104-210111-01
Batch Date: 01/11/21
Sample Size Received: 15.5 gram
Total Amount: 266 units
Retail Product Size: .5571
Ordered : 01/12/21
Sampled : 01/12/21
Completed: 05/21/21
Sampling Method: SOP.T.20.010

PASSED

May 21, 2021 | Liberty Health Sciences,
FL

18770 N CR 225
Gainesville, FL, 32609, US



Pages 1 of 2

PRODUCT IMAGE

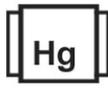


Box

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 : 388.363 mg



Total CBD
0%

/Container : 2.512 mg



Total Cannabinoids
0%

Total Cannabinoids/Container : 424.182 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.92	0.45	0.873	2.831	69.711	0	0.353	0
mg/unit											
LOD	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001
%											

Analyzed by:
2338

Weight:
0.1064g

Extraction date:
01/13/21 06:01:55

Extracted by:
2103

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA021118POT
Instrument Used : GA-HPLC-001 2030C Plus (Carl)
Analyzed Date : 01/14/21 14:33:51

Reviewed On : 01/15/21 11:44:25
Batch Date : 01/13/21 14:32:46

Dilution : 40
Reagent : 010621.07; 110519.13; 011321.R14; 011221.R01
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
05/21/21



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 : GA10112003-009
Harvest/Lot ID: PHFV104-210111-01

Batch# : DF-GEL-010421R Sample Size Received : 15.5 gram
Sampled : 01/12/21 Total Amount : 266 units
Ordered : 01/12/21 Completed : 05/21/21 Expires: 05/21/22
Sample Method : SOP.T.20.010

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Terpenes				TESTED			
Terpenes	LOD (%)	mg/unit %	Result (%)	Terpenes	LOD (%)	mg/unit %	Result (%)
CAMPHENE	0.007	0.005		TERPINEOL	0.007	2.267	0.407
BETA-MYRCENE	0.007	0.749		GERANIOL	0.007	0.529	0.095
ALPHA-PHELLANDRENE	0.007	0		PULEGIONE	0.007	0	0
3-CARENE	0.007	0		ALPHA-CEDRENE	0.007	0	0
OCIMENE	0.007	0		ALPHA-HUMULENE	0.007	0.757	0.136
EUCALYPTOL	0.007	0		TRANS-NEROLIDOL	0.007	0	0
LINALOOL	0.007	0.328		GUAJOL	0.007	0	0
FENCHONE	0.007	0		Analyzed by: 2155 Weight: 1.0015g Extraction date: 01/13/21 04:01:53 Extracted by: 2206 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA0211167ER Reviewed On : 01/15/21 13:46:57 Instrument Used : GA-GCMS-002 QP20105 Batch Date : 01/13/21 13:42:24 Analyzed Date : N/A Dilution : 10 Reagent : 122320.03 Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042 Pipette : N/A Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.			
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	0.96					
VALENCENE	0.007	0					
CIS-NEROLIDOL	0.007	0					
CARYOPHYLLENE OXIDE	0.007	0					
CEDROL	0.007	0					
FARNESENE	0.007	0					
ALPHA-BISABOLOL	0.007	0					
ALPHA-PINENE	0.007	0.224					
SABINENE	0.007	0					
BETA-PINENE	0.007	0.224					
ALPHA-TERPINENE	0.007	0.018					
LIMONENE	0.007	1.442					
GAMMA-TERPINENE	0.007	0					
TERPINOLENE	0.007	0.151					
SABINENE HYDRATE	0.007	0					
FENCHYL ALCOHOL	0.007	0.213					
CAMPHOR	0.013	0.014					
BORNEOL	0.013	0					
Total (%)							

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