



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

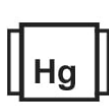


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PRODUCT IMAGE


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 : 388.363 mg


Total CBD
0%

/Container : 2.512 mg


Total Cannabinoids
0%

Total Cannabinoids/Container : 424.182 mg

%
mg/unit
LOD

	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
	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		PULEGONE	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		<div>Analyzed by: 2155Weight: 1.0015gExtraction date: 01/13/21 04:01:53Extracted by: 2206</div>				
ISOPULEGOL	0.007		0		<div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FLReviewed On : 01/15/21 13:46:57</div>				
ISOBORNEOL	0.007		0		<div>Analytical Batch : GA0211167ERBatch Date : 01/13/21 13:42:24</div>				
HEXAHYDROTHYMOL	0.007		0		<div>Instrument Used : GA-GCMS-002 QP2010SAnalyzed Date : N/A</div>				
NEROL	0.007		0		<div>Dilution : 10</div>				
GERANYL ACETATE	0.007		0		<div>Reagent : 122320.03</div>				
BETA-CARYOPHYLLENE	0.007		0.96		<div>Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042</div>				
VALENCENE	0.007		0		<div>Pipette : N/A</div>				
CIS-NEROLIDOL	0.007		0		<div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div>				
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 (%)									