



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA01130006-004
Harvest/Lot ID: PHFV104-201124-01
Batch#: DF-GEL-110220
Seed to Sale# PHFV104-201124-01
Batch Date: 11/24/20
Sample Size Received: 15 gram
Total Amount: 982 units
Retail Product Size: .5351 gram
Ordered : 11/30/20
Sampled : 11/30/20
Completed: 04/26/21
Sampling Method: SOP.T.20.010

PASSED

Apr 26, 2021 | Liberty Health Sciences, FL
18770 N CR 225
Gainesville, FL, 32609, US



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PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents PASSED	 Filtration PASSED	 Water Activity PASSED	 Moisture NOT TESTED	 Terpenes TESTED

Box	 Cannabinoid	PASSED
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 Total THC 0% /Container : 400.701 mg	 Total CBD 0% CBD/Container : 1.627 mg	 Total Cannabinoids 0% Total Cannabinoids/Container : 435.478 mg
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mg/unit	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
0	0	0	4.948	0.304	0.708	0.537	74.883	0	0	0	0
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 508 Weight: 0.1033g Extraction date: 12/01/20 01:12:18 Extracted by: 1791

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA019345POT
Instrument Used : GA-HPLC-001 2030C Plus (Carl)
Analyzed Date : 12/01/20 16:40:11

Reviewed On : 12/03/20 15:05:25
Batch Date : 12/01/20 08:00:02

Dilution : 40
Reagent : 110320.46; 110519.12; 110420.R01; 112820.R03
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

04/26/21
Signed On



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 : GA01130006-004
Harvest/Lot ID: PHFV104-201124-01

Batch# : DF-GEL-110220 Sample Size Received : 15 gram
Sampled : 11/30/20 Total Amount : 982 units
Ordered : 11/30/20 Completed : 04/26/21 Expires: 04/26/22
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	0.071	<div style="width: 100%;"></div>	TERPINEOL	0.007	5.98 0.598	<div style="width: 100%;"></div>
BETA-MYRCENE	0.007	1.019	<div style="width: 100%;"></div>	GERANIOL	0.007	1.13 0.113	<div style="width: 100%;"></div>
ALPHA-PHELLANDRENE	0.007	0	<div style="width: 100%;"></div>	PULEGONE	0.007	0 0	<div style="width: 100%;"></div>
3-CARENE	0.007	0	<div style="width: 100%;"></div>	ALPHA-CEDRENE	0.007	0 0	<div style="width: 100%;"></div>
OCIMENE	0.007	0.046	<div style="width: 100%;"></div>	ALPHA-HUMULENE	0.007	1.9 0.19	<div style="width: 100%;"></div>
EUCALYPTOL	0.007	0	<div style="width: 100%;"></div>	TRANS-NEROLIDOL	0.007	0 0	<div style="width: 100%;"></div>
LINALOOL	0.007	0.527	<div style="width: 100%;"></div>	GUAJOL	0.007	0 0	<div style="width: 100%;"></div>
FENCHONE	0.007	0	<div style="width: 100%;"></div>	Analyzed by: 2155 Weight: 1.0000g Extraction dates: 12/01/20 01:12:32 Extracted by: 1791 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA019343TER Reviewed On : 12/02/20 10:54:09 Instrument Used : GA-GCMS-002 QP20105 Batch Date : 12/01/20 07:57:14 Analyzed Date : 12/02/20 09:43:09 Dilution : 10 Reagent : 042920.01 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.			
HEXAHYDROTHYMOL	0.007	0	<div style="width: 100%;"></div>				
NEROL	0.007	0	<div style="width: 100%;"></div>				
GERANYL ACETATE	0.007	0	<div style="width: 100%;"></div>				
BETA-CARYOPHYLLENE	0.007	1.495	<div style="width: 100%;"></div>				
VALENCENE	0.007	0	<div style="width: 100%;"></div>				
CIS-NEROLIDOL	0.007	0	<div style="width: 100%;"></div>				
CARYOPHYLLENE OXIDE	0.007	0	<div style="width: 100%;"></div>				
CEDROL	0.007	0	<div style="width: 100%;"></div>				
FARNESENE	0.007	0	<div style="width: 100%;"></div>				
ALPHA-BISABOLOL	0.007	0.071	<div style="width: 100%;"></div>				
ALPHA-PINENE	0.007	0.306	<div style="width: 100%;"></div>				
SABINENE	0.007	0	<div style="width: 100%;"></div>				
BETA-PINENE	0.007	0.293	<div style="width: 100%;"></div>				
ALPHA-TERPINENE	0.007	0	<div style="width: 100%;"></div>				
LIMONENE	0.007	2.017	<div style="width: 100%;"></div>				
GAMMA-TERPINENE	0.007	0	<div style="width: 100%;"></div>				
TERPINOLENE	0.007	0.204	<div style="width: 100%;"></div>				
SABINENE HYDRATE	0.007	0	<div style="width: 100%;"></div>				
FENCHYL ALCOHOL	0.007	0.307	<div style="width: 100%;"></div>				
CAMPHOR	0.013	0	<div style="width: 100%;"></div>				
BORNEOL	0.013	0	<div style="width: 100%;"></div>				
Total (%)			<div style="width: 100%;"></div>				