



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10416002-015
Harvest/Lot ID: PHFV107-210413-01
Batch#: DF-NOLI-040821
Seed to Sale# PHFV107-210413-01
Batch Date: 04/13/21
Sample Size Received: 16.0332 gram
Total Amount: 2043 gram
Retail Product Size: 0.5172
Ordered: 04/16/21
Sampled: 04/16/21
Completed: 04/21/21
Sampling Method: SOP.T.20.010

PASSED

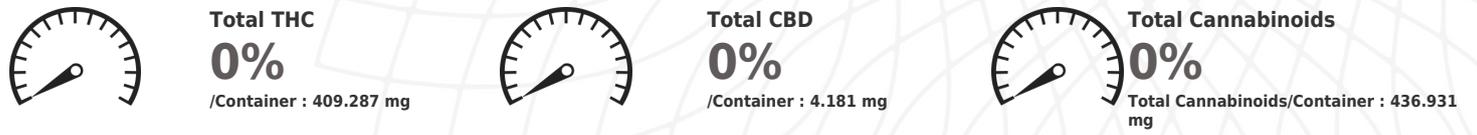
Apr 21, 2021 | Liberty Health Sciences, FL
18770 N CR 225
Gainesville, FL, 32609, US



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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
		



	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	2.249	0.808	0.548	1.212	79.135	0	0.526	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	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 2338 Weight: 0.1011g Extraction date: 04/19/21 01:04:42 Extracted by: 2206
 Analysis Method : SOP.T.40.031, SOP.T.30.031 Reviewed On : 04/20/21 17:09:19
 Analytical Batch : GA025129POT Batch Date : 04/19/21 08:08:58
 Instrument Used : GA-HPLC-001 2030C Plus (Carl) Dilution : 40
 Analyzed Date : 04/19/21 17:03:16 Reagent : 010421.50; 021821.04; 041221.R15; 041221.R14
 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
04/21/21



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 : GA10416002-015
Harvest/Lot ID: PHFV107-210413-01

Batch# : DF-NOLI-040821 Sample Size Received : 16.0332 gram
Sampled : 04/16/21 Total Amount : 2043 gram
Ordered : 04/16/21 Completed : 04/21/21 Expires: 04/21/22
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	1.75	0.175	
BETA-MYRCENE	0.007	0.538			GERANIOL	0.007	0.25	0.025	
ALPHA-PHELLANDRENE	0.007	0.104			PULEGONE	0.007	0	0	
3-CARENE	0.007	0.112			ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007	0.037			ALPHA-HUMULENE	0.007	0.42	0.042	
EUCALYPTOL	0.007	0			TRANS-NEROLIDOL	0.007	0.06	0.006	
LINALOOL	0.007	0.153			GUAJOL	0.007	0	0	
FENCHONE	0.007	0							
ISOPULEGOL	0.007	0							
ISOBORNEOL	0.007	0							
HEXAHYDROTHYMOL	0.007	0.001							
NEROL	0.007	0							
GERANYL ACETATE	0.007	0							
BETA-CARYOPHYLLENE	0.007	0.962							
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	0.041							
ALPHA-PINENE	0.007	0.297							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.291							
ALPHA-TERPINENE	0.007	0.051							
LIMONENE	0.007	0.743							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	1.916							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.082							
CAMPHOR	0.013	0							
BORNEOL	0.013	0							
Total (%)									

Analyzed by: 2155 Weight: 1.002g Extraction date: 04/16/21 06:04:47 Extracted by: 2206

Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL
Analytical Batch : GA025120TER Reviewed On : 04/20/21 15:13:23
Instrument Used : GA-GCMS-005 QP2020NX Batch Date : 04/16/21 16:19:10
Analyzed Date : 04/19/21 08:10:32

Dilution : 10
Reagent : 010421.36; 010421.50; 021121.36
Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; 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.