



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA11014002-001
Harvest/Lot ID: PHFV102-2110-3194
Batch#: DF-PGDP-2109-2236
Cultivation Facility:
Processing Facility:
Distributor Facility:
Source Facility:
Seed to Sale# PHFV102-2110-3194
Batch Date: 10/11/21
Sample Size Received: 15.5 gram
Total Amount: 2500 gram
Retail Product Size: .5 gram
Ordered: 10/14/21
Sampled: 10/14/21
Completed: 10/16/21
Sampling Method: SOP.T.20.010

Oct 16, 2021 | Liberty Health Sciences, FL
18770 N CR 225
Gainesville, FL, 32609, US



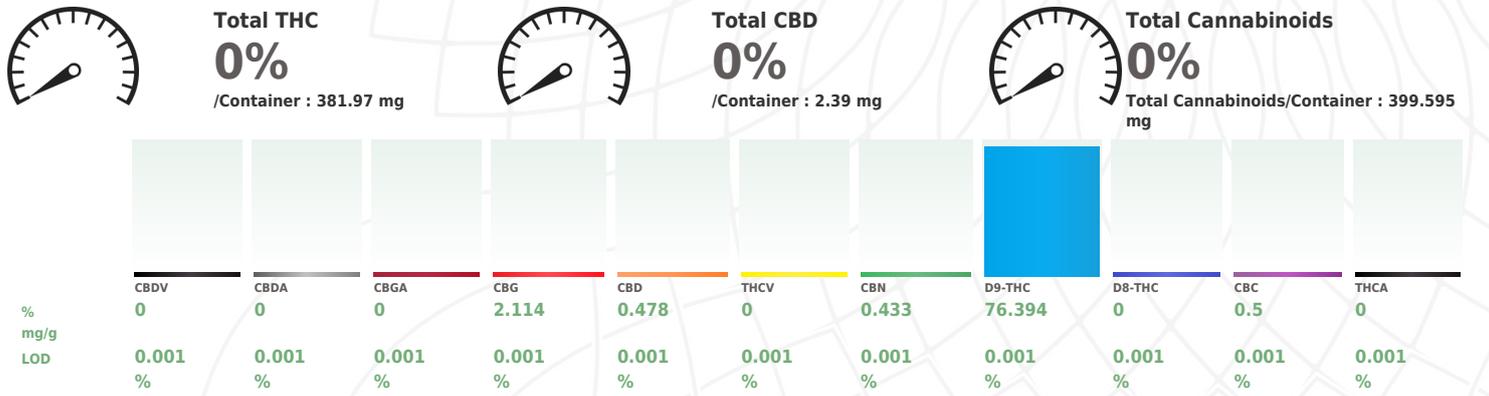
PASSED

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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

Plastic Box

	Cannabinoid	PASSED
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Analyzed by: 2338 Weight: 0.0995g Extraction date: 10/14/21 01:10:26 Extracted by: 3057

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA032596POT
Instrument Used : GA-HPLC-003 2030C PDA
Running on : 10/14/21 16:18:15

Dilution : 400
Reagent : 060220.R16; 010421.48; 092821.15; 101421.R16; 101421.R18
Consumables : 947.271; 470228-424; 9291.271; 200721; 12035-032CD-032C; RONB32898; 000310748
Pipette : N/A

Reviewed On : 10/15/21 12:24:42
Batch Date : 10/14/21 10:32:59

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



Signature

10/16/21

Signed On

State License # CMTL-0001
ISO 17025 Accreditation # ISO/IEC
17025:2017 Accreditation P/LA-
Testing 97164



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 : GA11014002-001
Harvest/Lot ID: PHFV102-2110-3194

Batch# : DF-PGDP-2109-2236 Sample Size Received : 15.5 gram
Sampled : 10/14/21 Total Amount : 2500 gram
Ordered : 10/14/21 Completed : 10/16/21 Expires: 10/16/22
Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPENEOL	0.007	0			BORNEOL	0.013	0	0	
CAMPHENE	0.007	0			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	0.791			PULEGONE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-CEDRENE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0			ALPHA-HUMULENE	0.007	18.82	1.882	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0	0	
EUCALYPTOL	0.007	0			GUAIOL	0.007	0	0	
LINALOOL	0.007	2.182							
FENCHONE	0.007	0			Analyzed by:	Weight:	Extraction date:	Extracted by:	
ISOPULEGOL	0.007	0			650	0.9377g	10/14/21 12:10:12	2820	
ISOBORNEOL	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
HEXAHYDROTHYMOL	0.007	0			Analytical Batch : GA032595TER				
NEROL	0.007	0			Instrument Used : GA-GCMS-005 QP2020NX				
GERANYL ACETATE	0.007	0			Running on : 10/14/21 15:35:41				
BETA-CARYOPHYLLENE	0.007	0.256			Dilution : 100				
VALENCENE	0.007	0			Reagent : 091021.R15; 010421.32; 010421.51				
CEDROL	0.007	0			Consumables : 282066106; 947.271; 470228-424; 9291.271; 200721; 190611634; 000310748				
CIS-NEROLIDOL	0.007	0			Pipette : N/A				
FARNESENE	0.007	0			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
CARYOPHYLLENE OXIDE	0.007	0.019							
ALPHA-BISABOLOL	0.007	0.031							
ALPHA-PINENE	0.007	0.114							
SABINENE	0.007	0							
BETA-PINENE	0.007	0							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0.001							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0							
CAMPHOR	0.013	0							
Total (%)									