



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



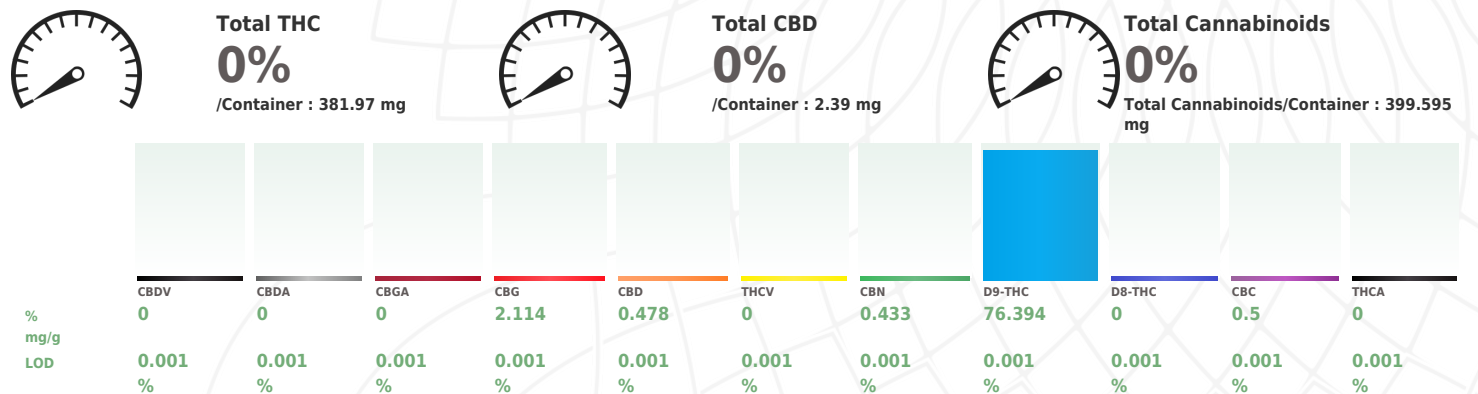
PASSED

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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 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	Weight: 0.0995g	Extraction date: 10/14/21 01:10:26	Extracted by: 3057
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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

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

Signature

10/16/21

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 : 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 TERPINEOL	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			Analyzed by:	650	Weight:	0.9377g	Extraction date:	10/14/21 12:10:12	Extracted by:	2820
FENCHONE	0.007	0			Analysis Method :	SOP.T.30.061A.FL, SOP.T.40.061A.FL						
ISOPULEGOL	0.007	0			Analytical Batch :	GA032595TER						
ISOBORNEOL	0.007	0			Instrument Used :	GA-GCMS-005 QP2020NX						
HEXAHYDROTHYMOL	0.007	0			Running on :	10/14/21 15:35:41						
NEROL	0.007	0			Dilution :	100						
GERANYL ACETATE	0.007	0			Reagent :	091021.R15; 010421.32; 010421.51						
BETA-CARYOPHYLLENE	0.007	0.256			Consumables :	282066106; 947.271; 470228-424; 9291.271; 200721; 190611634; 000310748						
VALENCENE	0.007	0			Pipette :	N/A						
CEDROL	0.007	0			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.							
CIS-NEROLIDOL	0.007	0										
FARNESENE	0.007	0										
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 (%)												