



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10223002-005
Harvest/Lot ID: PHFD102-210210-01
Batch#: DF-GDP-020221
Cultivation Facility:
Processing Facility:
Distributor Facility:
Source Facility:
Seed to Sale# PHFD102-210210-01
Batch Date: 02/10/21
Sample Size Received: 15.25 gram
Total Amount: 1891
Retail Product Size: 0.3292 gram
Ordered: 02/23/21
Sampled: 02/23/21
Completed: 02/26/21
Sampling Method: SOP.T.20.010

Mar 01, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



PASSED

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PRODUCT IMAGE

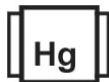


Box

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 : 240.962 mg



Total CBD

0%

/Container : 0.971 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 255.374 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	2.152	0.295	0.215	1.486	73.196	0	0.227	0
mg/g											
LOD	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001
%		%	%	%	%	%	%	%	%	%	%

Analyzed by:
2338

Weight:
0.1142g

Extraction date:
N/A

Extracted by:
N/A

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA022932POT
Instrument Used : GA-HPLC-001 2030C Plus (Carl)
Running on : 02/25/21 09:38:39

Reviewed On : 02/25/21 11:35:56
Batch Date : 02/24/21 09:10:32

Dilution : 40
Reagent : 022321.R02; 021521.R20; 010621.13
Consumables : 280650306; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179); 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

02/26/21

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 : GA10223002-005

Harvest/Lot ID: PHFD102-210210-01

Batch# : DF-GDP-020221

Sampled : 02/23/21

Ordered : 02/23/21

Sample Size Received : 15.25 gram

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Completed : 02/26/21 Expires: 02/26/22

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	0	0	
BETA-MYRCENE	0.007	0.587			GERANIOL	0.007	0	0	
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	11.59	1.159	
EUCALYPTOL	0.007	0			TRANS-NEROLIDOL	0.007	0	0	
LINALOOL	0.007	2.068			GUAIOL	0.007	0	0	
FENCHONE	0.007	0			Analyzed by: 2155 Weight: 1.0214g Extraction date: N/A Extracted by: N/A				
ISOPULEGOL	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOBORNEOL	0.007	0			Analytical Batch : GA022969TER				
HEXAHYDROTHYMOL	0.007	0			Instrument Used : GA-GCMS-002 QP2010S				
NEROL	0.007	0			Running on : 02/25/21 09:46:56				
GERANYL ACETATE	0.007	0			Dilution : 10				
BETA-CARYOPHYLLENE	0.007	1.016			Reagent : 060920.20				
VALENCENE	0.007	0			Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; VAV-09-1020 (947.077) /				
CIS-NEROLIDOL	0.007	0			ALK-09-1412 (9291.179); P734631 / P7411895; 16466-042				
CARYOPHYLLENE OXIDE	0.007	0.005			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.				
FARNESENE	0.007	0							
ALPHA-BISABOLOL	0.007	0.041							
ALPHA-PINENE	0.007	0.086							
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							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0							
CAMPOR	0.013	0							
BORNEOL	0.013	0							

Total (%)