



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

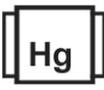
Sample: GA20629001-003  
Harvest/Lot ID: DPFV101-2206-10958  
Batch#: DF-CACI-2206-10670  
Seed to Sale# DPFV101-2206-10958  
Batch Date: 06/27/22  
Sample Size Received: 16 gram  
Total Amount: 1934 units  
Retail Product Size: 1  
Ordered : 06/29/22  
Sampled : 06/29/22  
Completed: 07/01/22  
Sampling Method: SOP.T.20.010

Jul 01, 2022 | Liberty Health Sciences, FL  
18770 N CR 225  
Gainesville, FL, 32609, US



**PASSED**

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

### Cannabinoid **PASSED**



	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	83.041	ND	0.2	ND	ND	2.639	ND	0.344	0.566	ND	0.586
mg/unit	830.41	ND	2	ND	ND	26.39	ND	3.44	5.66	ND	5.86
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: 3404, 3600, 2507, 1541      Weight: 0.0867g      Extraction date: 06/29/22 15:54:54      Extracted by: 3600

Analysis Method : SOP.T.40.031, SOP.T.30.031      Reviewed On : 07/01/22 16:34:35

Analytical Batch : GA046100POT      Batch Date : 06/28/22 16:37:56

Instrument Used : GA-HPLC-002 2040C

Analyzed Date : 06/29/22 17:58:34

Dilution : 400

Reagent : 020322.R09; 010421.48; 060922.11; 092920.12; 061621.03; 060422.R40; 060822.R51

Consumables : 947.271; H20364; 9291.271; LLS-00-0005; 12455-202CD-202C; RONB32898; 000000146137; 944C4 944; 210268; 206639

Pipette : GA-001; GA-002; GA-004; GA-011; GA-169 (Dispenser); GA-196; GA-209 Dispenser

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  
07/01/22



# 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 : GA20629001-003  
Harvest/Lot ID: DPFV101-2206-10958

Batch# : DF-CACI-2206-10670 Sample Size Received : 16 gram  
Sampled : 06/29/22 Total Amount : 1934 units  
Ordered : 06/29/22 Completed : 07/01/22 Expires: 07/01/23  
Sample Method : SOP.T.20.010

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Terpenes				TESTED					
Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPENEOL	0.007	0.56	0.056		BORNEOL	0.013	ND	ND	
CAMPENE	0.007	0.32	0.032		GERANIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	0.59	0.059		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	ND	ND		ALPHA-CEDRENE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	<0.2	<0.02		ALPHA-HUMULENE	0.007	ND	ND	
OCIMENE	0.007	<0.2	<0.02		TRANS-NEROLIDOL	0.007	ND	ND	
EUCALYPTOL	0.007	0.35	0.035		GUAJOL	0.007	ND	ND	
LINALOOL	0.007	ND	ND						
FENCHONE	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
ISOBORNEOL	0.007	ND	ND						
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	ND	ND						
VALENCENE	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
CEDROL	0.007	ND	ND						
FARNESENE	0.007	ND	ND						
CARYOPHYLLENE OXIDE	0.007	ND	ND						
ALPHA-BISABOLOL	0.007	<0.2	<0.02						
ALPHA-PINENE	0.007	0.78	0.078						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	1.36	0.136						
ALPHA-TERPINENE	0.007	0.44	0.044						
LIMONENE	0.007	30.29	3.029						
GAMMA-TERPINENE	0.007	3.56	0.356						
TERPINOLENE	0.007	2.57	0.257						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	<0.2	<0.02						
CAMPHOR	0.013	ND	ND						
<b>Total (%)</b>			<b>4.082</b>						

Analyzed by: 3404, 3600, 3303, 2155 Weight: 1.0135g Extraction date: 06/30/22 10:54:45 Extracted by: 3600  
 Analysis Method: SOP.T.30.061A.FL, SOP.T.40.061A.FL  
 Analytical Batch: GA04G165TER Reviewed On: 07/01/22 14:47:52  
 Instrument Used: GA-GCMS-002 QP20105 Batch Date: 06/29/22 14:01:31  
 Analyzed Date: 06/30/22 12:12:57  
 Dilution: 50  
 Reagent: 060922.R22; 050322.49; 010421.48  
 Consumables: 947.271; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 944C4 944; 210268; 206639  
 Pipette: GA-002; GA-004; GA-005; GA-152; GA-211 Dispenser  
 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.