



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample:GA20701001-016  
 Harvest/Lot ID: DPFV109-2206-11221  
 Batch#: DF-MBER-2206-10825  
 Seed to Sale# DPFV109-2206-11221  
 Batch Date: 06/27/22  
 Sample Size Received: 16 gram  
 Total Amount: 1864 units  
 Retail Product Size: 1  
 Ordered : 07/01/22  
 Sampled : 07/01/22  
 Completed: 07/03/22  
 Sampling Method: SOP.T.20.010

Jul 03, 2022 | Liberty Health Sciences, FL

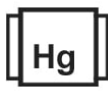
 18770 N CR 225  
 Gainesville, FL, 32609, US

**PASSED**

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**PRODUCT IMAGE**

**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**
**82.169%**

Total THC/Container : 821.69 mg


**Total CBD**
**0.202%**

Total CBD/Container : 2.02 mg


**Total Cannabinoids**
**86.717%**

Total Cannabinoids/Container : 867.17 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	82.169	ND	0.202	ND	ND	2.961	ND	0.31	0.467	ND	0.608
mg/unit	821.69	ND	2.02	ND	ND	29.61	ND	3.1	4.67	ND	6.08
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001
%		%	%	%	%	%	%	%	%	%	%

 Analyzed by:  
 3404, 3134, 2507, 3303

 Weight:  
 0.0952g

 Extraction date:  
 07/01/22 15:47:29

 Extracted by:  
 3134

 Analysis Method : SOP.T.40.031, SOP.T.30.031  
 Analytical Batch : GA046289POT  
 Instrument Used : GA-HPLC-001 2030C Plus  
 Analyzed Date : 07/01/22 20:45:35

 Reviewed On : 07/02/22 11:56:55  
 Batch Date : 07/01/22 12:11:08

 Dilution : 400  
 Reagent : 020322.R09; 010421.51; 062822.31; 061122.R33; 062122.R33  
 Consumables : 947.271; 470228-424; 9291.271; LLS-00-0005; 12455-202CD-202C; R0NB32898; 000000146137; 944C4 944J; 209598; 206639  
 Pipette : GA-002; GA-006; GA-013; GA-169 (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  
 07/03/22



# 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 : GA20701001-016  
 Harvest/Lot ID: DPFV109-2206-11221

 Batch# : DF-  
 MBER-2206-10825  
 Sampled : 07/01/22  
 Ordered : 07/01/22

 Sample Size Received : 16 gram  
 Total Amount : 1864 units  
 Completed : 07/03/22 Expires: 07/03/23  
 Sample Method : SOP.T.20.010

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# Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
CAMPHENE	0.007	0.4	0.04		GERANIOL	0.007	<0.2	<0.02	
BETA-MYRCENE	0.007	9.15	0.915		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	ND	ND		ALPHA-CEDRENE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	0.57	0.057		ALPHA-HUMULENE	0.007	1	0.1	
OCIMENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	ND	ND	
EUCALYPTOL	0.007	ND	ND		GUAJOL	0.007	ND	ND	
LINALOOL	0.007	3.27	0.327		<div>Analyzed by: 3404, 3599, 2155, 3205, 1541Weight: 1.0737gExtraction date: 07/01/22 12:35:30Extracted by: 3599</div>				
FENCHONE	0.007	ND	ND		<div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FLAnalytical Batch : GA0462877ERInstrument Used : GA-GCMS-002 QP2010SReviewed On : 07/03/22 19:31:32Batch Date : 07/01/22 12:08:07</div>				
ISOPULEGOL	0.007	ND	ND		<div>Analyzed Date : 07/02/22 17:34:18Dilution : 50</div>				
ISOBORNEOL	0.007	ND	ND		<div>Reagent : 050322.48Consumables : 947.109; 470228-424; 9291.271; LLS-00-0005; 210419634; RONB32898; 000000146137; 944C4 944; 210268</div>				
HEXAHYDROTHYMOL	0.007	ND	ND		<div>Pipette : GA-211 Dispenser</div>				
NEROL	0.007	ND	ND		<div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div>				
GERANYL ACETATE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	9.07	0.907						
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	0.27	0.027						
ALPHA-BISABOLOL	0.007	1.36	0.136						
ALPHA-PINENE	0.007	1.61	0.161						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	2.56	0.256						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	14.97	1.497						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	0.59	0.059						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	1.42	0.142						
CAMPHOR	0.013	ND	ND						
BORNEOL	0.013	ND	ND						
Total (%)				4.744					