



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample:GA20629001-006  
Harvest/Lot ID: DPFV109-2206-11113  
Batch#: DF-MBER-2206-10824  
Seed to Sale# DPFV109-2206-11113  
Batch Date: 06/27/22  
Sample Size Received: 16 gram  
Total Amount: 1964 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

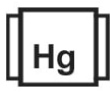
18770 N CR 225  
Gainesville, FL, 32609, US

**PASSED**

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**PRODUCT IMAGE**

**SAFETY RESULTS**

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**
**84.572%**

Total THC/Container : 845.72 mg


**Total CBD**
**0.207%**

Total CBD/Container : 2.07 mg


**Total Cannabinoids**
**89.285%**

Total Cannabinoids/Container : 892.85 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	84.572	ND	0.207	ND	ND	3.05	ND	0.324	0.476	ND	0.656
mg/unit	845.72	ND	2.07	ND	ND	30.5	ND	3.24	4.76	ND	6.56
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:  
0.1093g

Extraction date:  
06/29/22 15:52:30

Extracted by:  
3600

Analysis Method : SOP.T.40.031, SOP.T.30.031

Analytical Batch : GA046100POT

Instrument Used : GA-HPLC-002 2040C

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

Reviewed On : 07/01/22 16:34:46

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

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 : GA20629001-006  
Harvest/Lot ID: DPFV109-2206-11113

Batch# : DF-  
MBER-2206-10824  
Sampled : 06/29/22  
Ordered : 06/29/22

Sample Size Received : 16 gram  
Total Amount : 1964 units  
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	1.28	0.128		BORNEOL	0.013	ND	ND	
CAMPENE	0.007	0.43	0.043		GERANIOL	0.007	<0.2	<0.02	
BETA-MYRCENE	0.007	8.98	0.898		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	ND	ND		ALPHA-CEDRENE	0.007	<0.2	<0.02	
ALPHA-PHELLANDRENE	0.007	0.56	0.056		ALPHA-HUMULENE	0.007	1.07	0.107	
OCIMENE	0.007	<0.2	<0.02		TRANS-NEROLIDOL	0.007	ND	ND	
EUCALYPTOL	0.007	ND	ND		GUAJOL	0.007	ND	ND	
LINALOOL	0.007	3.43	0.343		Analyzed by: 3404, 3600, 3303, 2155 Weight: 1.0328g Extraction date: 06/30/22 10:54:46 Extracted by: 3600 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA0461657ER Instrument Used : GA-GCMS-002 QP2010S Analyzed Date : 06/30/22 12:12:57 Reviewed On : 07/01/22 14:47:57 Batch Date : 06/29/22 14:01:31				
FENCHONE	0.007	ND	ND		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.				
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	9.33	0.933						
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	0.45	0.045						
ALPHA-BISABOLOL	0.007	1.54	0.154						
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	14.74	1.474						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	0.48	0.048						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	1.4	0.14						
CAMPHOR	0.013	ND	ND						
<b>Total (%)</b>				<b>4.786</b>					