



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample:** GA20618001-014  
**Harvest/Lot ID:** ORFCW162-2206-10068  
**Batch#:** LPC-172L-040922-2  
**Seed to Sale#** ORFCW162-2206-10068  
**Batch Date:** 06/15/22  
**Sample Size Received:** 16 gram  
**Total Amount:** 958 gram  
**Retail Product Size:** 1  
**Ordered :** 06/18/22  
**Sampled :** 06/18/22  
**Completed:** 06/21/22  
**Sampling Method:** SOP.T.20.010

**PASSED**

Jun 21, 2022 | Liberty Health Sciences, FL

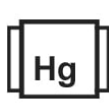
18770 N CR 225  
Gainesville, FL, 32609, US


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**PRODUCT IMAGE**


glass jar

**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**
**67.368%**

Total THC/Container : 673.68 mg


**Total CBD**
**0.142%**

Total CBD/Container : 1.42 mg


**Total Cannabinoids**
**77.047%**

Total Cannabinoids/Container : 770.47 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	24.367	49.033	ND	0.163	ND	0.598	2.371	0.12	ND	ND	0.395
mg/g	243.67	490.33	ND	1.63	ND	5.98	23.71	1.2	ND	ND	3.95
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:  
3571, 3134, 3205, 2338

Weight:  
0.094g

Extraction date:  
06/19/22 15:42:23

Extracted by:  
3134

**Analysis Method :** SOP.T.40.031, SOP.T.30.031  
**Analytical Batch :** GA045603POT  
**Instrument Used :** GA-HPLC-001 2030C Plus  
**Analyzed Date :** 06/19/22 18:57:57

**Reviewed On :** 06/20/22 15:33:08  
**Batch Date :** 06/18/22 17:31:10

**Dilution :** 400  
**Reagent :** 061122.R34; 061122.R30; 020322.R09; 060922.12  
**Consumables :** 7711028; 947.217; 470228-424; 9291.197; 110921; R0NB32898; 00321396; GA-169; 12035-035CD-035C; 944C4 944J; 210268; 206639  
**Pipette :** GA-005; GA-151; GA-153

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

06/21/22

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 : GA20618001-014

Harvest/Lot ID: ORFCW162-2206-10068

Batch# : LPC-172L-040922-2

Sampled : 06/18/22

Ordered : 06/18/22

Sample Size Received : 16 gram

Total Amount : 958 gram

Completed : 06/21/22 Expires: 06/21/23

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	1.67	0.167		BORNEOL	0.013	<0.4	<0.04	
CAMPHENE	0.007	ND	ND		GERANIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	0.97	0.097		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	ND	ND		ALPHA-CEDRENE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		ALPHA-HUMULENE	0.007	6.94	0.694	
OCIMENE	0.007	0.51	0.051		TRANS-NEROLIDOL	0.007	0.77	0.077	
EUCALYPTOL	0.007	<0.2	<0.02		GUAJOL	0.007	2.25	0.225	
LINALOOL	0.007	4.4	0.44		Analyzed by: 3571, 2507, 3205, 2338 Weight: 1.0318g Extraction date: 06/18/22 17:38:40 Extracted by: 2507				
FENCHONE	0.007	ND	ND		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA045571TER Instrument Used : GA-GCMS-002 QP2010S Analyzed Date : 06/18/22 19:24:36				
ISOPULEGOL	0.007	<0.2	<0.02		Reviewed On : 06/19/22 13:16:40 Batch Date : 06/17/22 19:03:00				
ISOBORNEOL	0.007	ND	ND		Dilution : 50 Reagent : 050322.49; 010421.48 Consumables : GA-211; 947.109; H20364; 9291.197; 110921; 210419634; RONB32898; 00321396; 944C4 944; 210268; 206639 Pipette : GA-005; GA-011; GA-146				
HEXAHYDROTHYMOL	0.007	ND	ND		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
NEROL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	22.85	2.285						
VALENCENE	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
CEDROL	0.007	ND	ND						
FARNESENE		0.64	0.064						
CARYOPHYLLENE OXIDE	0.007	0.65	0.065						
ALPHA-BISABOLOL	0.007	4.12	0.412						
ALPHA-PINENE	0.007	ND	ND						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	ND	ND						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	2.72	0.272						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	0.91	0.091						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	2.1	0.21						
CAMPHOR	0.013	ND	ND						
Total (%)				5.15					