



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	SAFETY RESULTS								MISC.
	 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents PASSED	 Filtration PASSED	 Water Activity PASSED	 Moisture NOT TESTED	 Terpenes TESTED

glass jar



Cannabinoid **PASSED**



	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
%											

<p>Analized by: 3571, 3134, 3205, 2338</p> <p>Analysis Method : SOP.T.40.031, SOP.T.30.031 Analytical Batch : GA045603POT Instrument Used : GA-HPLC-001 2030C Plus Analized Date : 06/19/22 18:57:57</p> <p>Dilution : 400 Reagent : 061122.R34; 061122.R30; 020322.R09; 060922.12 Consumables : 7711028; 947.217; 470228-424; 9291.197; 110921; RONB32898; 00321396; GA-169; 12035-035CD-035C; 944C4 944J; 210268; 206639 Pipette : GA-005; GA-151; GA-153</p>	<p>Weight: 0.094g</p>	<p>Extraction date: 06/19/22 15:42:23</p>	<p>Extracted by: 3134</p>
		<p>Reviewed On : 06/20/22 15:33:08 Batch Date : 06/18/22 17:31:10</p>	

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

Signature

06/21/22

Signed On

State License # CMTL-0001
ISO 17025 Accreditation # ISO/IEC
17025:2017 Accreditation P/LA-
Testing 97164



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 Sample Size Received : 16 gram
Sampled : 06/18/22 Total Amount : 958 gram
Ordered : 06/18/22 Completed : 06/21/22 Expires: 06/21/23
Sample Method : SOP.T.20.010

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Terpenes				Terpenes					
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						
FENCHONE	0.007	ND	ND		Analyzed by:	Weight:	Extraction date:	Extracted by:	
ISOPULEGOL	0.007	<0.2	<0.02		3571, 2507, 3205, 2338	1.0318g	06/18/22 17:38:40	2507	
ISOBORNEOL	0.007	ND	ND						
HEXAHYDROTHYMOL	0.007	ND	ND		Analysis Method :	SOP.T.30.061A.FL, SOP.T.40.061A.FL			
NEROL	0.007	ND	ND		Analytical Batch :	GA045571TER			
GERANYL ACETATE	0.007	ND	ND		Instrument Used :	GA-GCMS-002 QP2010S			
BETA-CARYOPHYLLENE	0.007	22.85	2.285		Analyzed Date :	06/18/22 19:24:36			
VALENCENE	0.007	ND	ND		Dilution :	50			
CIS-NEROLIDOL	0.007	ND	ND		Reagent :	050322.49; 010421.48			
CEDROL	0.007	ND	ND		Consumables :	GA-211; 947.109; H20364; 9291.197; 110921; 210419634; RONB32898; 00321396; 944C4 944; 210268; 206639			
FARNESENE	0.007	0.64	0.064		Pipette :	GA-005; GA-011; GA-146			
CARYOPHYLLENE OXIDE	0.007	0.65	0.065		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
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						