



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA20628001-016
Harvest/Lot ID: ORFS162-2206-10822
Batch#: LPC-172L-040922
Seed to Sale# ORFS162-2206-10822
Batch Date: 06/24/22
Sample Size Received: 16 gram
Total Amount: 524 units
Retail Product Size: 1
Ordered : 06/28/22
Sampled : 06/28/22
Completed: 07/01/22
Sampling Method: SOP.T.20.010

Jul 01, 2022 | Liberty Health Sciences, FL

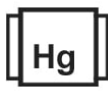
18770 N CR 225
Gainesville, FL, 32609, US

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
78.83%

Total THC/Container : 788.3 mg


Total CBD
0.215%

Total CBD/Container : 2.15 mg


Total Cannabinoids
83.846%

Total Cannabinoids/Container : 838.46 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	78.83	ND	0.215	ND	ND	3.04	ND	0.389	0.623	ND	0.749
mg/unit	788.3	ND	2.15	ND	ND	30.4	ND	3.89	6.23	ND	7.49
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, 3575, 2507, 3303

Weight:
0.1033g

Extraction date:
06/29/22 11:15:56

Extracted by:
3575

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

Analytical Batch : GA046054POT

Instrument Used : GA-HPLC-001 2030C Plus

Analysis Date : 06/29/22 13:50:25

Reviewed On : 06/30/22 11:01:52

Batch Date : 06/28/22 09:22:38

Dilution : 400

Reagent : 020322.R09; 010421.48; 062822.31; 061122.R33; 062122.R33

Consumables : 947.271; H20364; 9291.271; LLS-00-0005; 12455-202CD-202C; R0NB32898; 000000146137; 944C4 944; 210268; 212938; 206639

Pipette : GA-011; GA-146; GA-182

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 : GA20628001-016
 Harvest/Lot ID: ORFS162-2206-10822

 Batch# : LPC-172L-040922 Sample Size Received : 16 gram
 Sampled : 06/28/22 Total Amount : 524 units
 Ordered : 06/28/22 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 TERPINEOL	0.007	1.99	0.199		BORNEOL	0.013	<0.4	<0.04	
CAMPENE	0.007	ND	ND		GERANIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	0.43	0.043		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	7.46	0.746	
OCIMENE	0.007	0.35	0.035		TRANS-NEROLIDOL	0.007	0.71	0.071	
EUCALYPTOL	0.007	0.21	0.021		GUAJOL	0.007	2.39	0.239	
LINALOOL	0.007	4.43	0.443		Analyzed by: 3404, 3600, 3303, 2155Weight: 1.0721gExtraction date: 06/28/22 18:05:24Extracted by: 3600				
FENCHONE	0.007	0.42	0.042		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FLReviewed On : 06/30/22 12:28:53				
ISOPULEGOL	0.007	ND	ND		Analytical Batch : GA0406997ERBatch Date : 06/28/22 16:35:15				
ISOBORNEOL	0.007	ND	ND		Instrument Used : GA-GCMS-002 QP2010S				
HEXAHYDROTHYMOL	0.007	ND	ND		Analyzed Date : 06/29/22 16:19:54				
NEROL	0.007	ND	ND		Dilution : 50				
GERANYL ACETATE	0.007	ND	ND		Reagent : 060922.R22; 050322.49; 010421.48				
BETA-CARYOPHYLLENE	0.007	24.92	2.492		Consumables : 947.271; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 944C4 944; 210268; 206639				
VALENCENE	0.007	ND	ND		Pipette : GA-005; GA-149; GA-153; GA-150; GA-211 Dispenser				
CIS-NEROLIDOL	0.007	ND	ND		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
CEDROL	0.007	ND	ND						
FARNESENE	0.007	0.8	0.08						
CARYOPHYLLENE OXIDE	0.007	0.99	0.099						
ALPHA-BISABOLOL	0.007	4.03	0.403						
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	1.72	0.172						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	0.93	0.093						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	2.42	0.242						
CAMPHOR	0.013	ND	ND						
Total (%)				5.42					