



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA20719001-019
Harvest/Lot ID: ORFCW162-2207-11815
Batch#: LPC-3L-050922-3
Seed to Sale# ORFCW162-2207-11815
Batch Date: 07/11/22
Sample Size Received: 16 gram
Total Amount: 121 units
Retail Product Size: 1
Ordered : 07/19/22
Sampled : 07/19/22
Completed: 07/22/22
Sampling Method: SOP.T.20.010

PASSED

Jul 22, 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

Cannabinoid **PASSED**



	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	10.76	68.35	ND	0.197	ND	0.482	2.763	ND	ND	ND	0.183
mg/unit	107.6	683.5	ND	1.97	ND	4.82	27.63	ND	ND	ND	1.83
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, 3192, 2507, 3303 Weight: 0.1048g Extraction date: 07/21/22 08:51:01 Extracted by: 3192
 Analysis Method : SOP.T.40.031, SOP.T.30.031 Reviewed On : 07/22/22 09:32:01
 Analytical Batch : GA047092POT Batch Date : 07/19/22 13:46:00
 Instrument Used : GA-HPLC-003 2030C PDA
 Analyzed Date : 07/21/22 13:07:16

Dilution : 400
 Reagent : 013122.12; 020322.R09; 010421.48; 060922.09; 071522.04; 070222.R03; 062122.R33
 Consumables : 947.109; H20364; 9291.271; LLS-00-0005; 12455-202CD-202C; RONB32898; 000000146137; 210268; 944C4 944J; 209598; 212516; SLGNM25NS
 Pipette : GA-005; GA-011; GA-149; GA-153; GA-150; 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

07/22/22
 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 : GA20719001-019

Harvest/Lot ID: ORFCW162-2207-11815

Batch# : LPC-3L-050922-3

Sampled : 07/19/22

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Sample Method : SOP.T.20.010

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Terpenes				Terpenes					
Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPENES	0.007	43.63	4.363		CAMPHOR	0.013	ND	ND	
TOTAL TERPENEOL	0.007	1.74	0.174		BORNEOL	0.013	<4	<0.04	
CAMPHENE	0.007	ND	ND		GERANIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	0.8	0.08		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	5.53	0.553	
OCIMENE	0.007	0.64	0.064		TRANS-NEROLIDOL	0.007	0.47	0.047	
EUCALYPTOL	0.007	<0.2	<0.02		GUAIOL	0.007	2.96	0.296	
LINALOOL	0.007	4.01	0.401						
FENCHONE	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
ISOBORNEOL	0.007	ND	ND						
HEXAHYDROTHYMOL	0.007	<0.2	<0.02						
NEROL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	18.2	1.82						
VALENCENE	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
CEDROL	0.007	ND	ND						
CARYOPHYLLENE OXIDE	0.007	0.44	0.044						
FARNESENE	0.007	0.36	0.036						
ALPHA-BISABOLOL	0.007	3.45	0.345						
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	2.35	0.235						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	0.58	0.058						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	2.1	0.21						
Total (%)			4.363						

Analyzed by: 3404, 3655, 3205, 3303, 2155
Weight: 0.9253g
Extraction date: 07/19/22 15:00:24
Extracted by: 3655
Analysis Method: SOP.T.30.061A.FL, SOP.T.40.061A.FL
Analytical Batch: GA047040TER
Instrument Used: GA-GCMS-002 QP2010S
Analyzed Date: 07/19/22 16:49:24
Reviewed On: 07/20/22 12:29:03
Batch Date: 07/18/22 17:13:52
Dilution: 50
Reagent: 060922.R22; 050322.48; 010421.48
Consumables: 947.109; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 210268; 212516
Pipette: GA-005; GA-011; GA-146; GA-151

Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.