



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA10811003-005  
Harvest/Lot ID: ORFCC103-210810-01  
Batch#: SA5-119C-041321  
Seed to Sale# ORFCC103-210810-01  
Batch Date: 08/10/21  
Sample Size Received: 16 gram  
Total Amount: 415 gram  
Retail Product Size: 1  
Ordered : 08/11/21  
Sampled : 08/11/21  
Completed: 08/16/21  
Sampling Method: SOP.T.20.010

**PASSED**

Aug 16, 2021 | Liberty Health Sciences, FL  
18770 N CR 225  
Gainesville, FL, 32609, US



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PRODUCT IMAGE

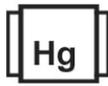


Glass Jar

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

**0%**

/Container : 664.672 mg



Total CBD

**0%**

/Container : 1.099 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 760.664 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0.125	1.481	0.404	0	0.111	0.129	16.138	0	0.287	57.387
mg/g											
LOD	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001
%											

Analyzed by:  
2338

Weight:  
0.1091g

Extraction date:  
08/11/21 02:08:15

Extracted by:  
2820

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA029786POT  
Instrument Used : GA-HPLC-002 2040C  
Analyzed Date : 08/11/21 17:43:52

Reviewed On : 08/13/21 08:47:48  
Batch Date : 08/11/21 09:21:45

Dilution : 40  
Reagent : 060220.R16; 010421.50; 030921.16; 080921.R46; 081121.R64  
Consumables : 282066106; 947.271; 470228-424; 9291.271; 200721; 12035-032CD-032C; 00299409  
Pipette : N/A

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

08/16/21

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 : GA10811003-005

Harvest/Lot ID: ORFCC103-210810-01

Batch# : SAS-119C-041321

Sampled : 08/11/21

Ordered : 08/11/21

Sample Size Received : 16 gram

Total Amount : 415 gram

Completed : 08/16/21 Expires: 08/16/22

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	0			BORNEOL	0.013	0	0	
CAMPHENE	0.007	0			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	0			PULEGONE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0			ALPHA-CEDRENE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-HUMULENE	0.007	2.9	0.29	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0.44	0.044	
EUCALYPTOL	0.007	0			GUAIOL	0.007	2.85	0.285	
LINALOOL	0.007	0.223			<b>Analyzed by:</b> 2155 <b>Weight:</b> 1.0382g <b>Extraction date:</b> 08/11/21 12:08:57 <b>Extracted by:</b> 2820				
FENCHONE	0.007	0			<b>Analysis Method :</b> SOP.T.30.061A.FL, SOP.T.40.061A.FL <b>Analytical Batch :</b> GA029798TER <b>Reviewed On :</b> 08/13/21 11:31:12 <b>Instrument Used :</b> GA-GCMS-005 QP2020NX <b>Batch Date :</b> 08/11/21 09:49:52 <b>Analyzed Date :</b> 08/11/21 16:56:13				
ISOPULEGOL	0.007	0			<b>Dilution :</b> 10 <b>Reagent :</b> 042921.R11; 010421.37; 010421.50 <b>Consumables :</b> 282066106; 947.271; 470228-424; 9291.271; 200111; 00295461; VWR - 210414634 <b>Pipette :</b> N/A				
ISOBORNEOL	0.007	0			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
HEXAHYDROTHYMOL	0.007	0							
NEROL	0.007	0							
GERANYL ACETATE	0.007	0							
BETA-CARYOPHYLLENE	0.007	1.059							
VALENCENE	0.007	0							
CIS-NEROLIDOL	0.007	0							
CARYOPHYLLENE OXIDE	0.007	0.062							
CEDROL	0.007	0							
FARNESENE	0.007	0.096							
ALPHA-BISABOLOL	0.007	0.156							
ALPHA-PINENE	0.007	0							
SABINENE	0.007	0							
BETA-PINENE	0.007	0							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0.116							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.14							
CAMPHOR	0.013	0							
<b>Total (%)</b>									