



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample:GA20702001-012  
Harvest/Lot ID: ORFCS163-2206-11372  
Batch#: RNTZ-3U-050122-4-P2  
Seed to Sale# ORFCS163-2206-11372  
Batch Date: 06/28/22  
Sample Size Received: 16 gram  
Total Amount: 617 gram  
Retail Product Size: 1  
Ordered : 07/02/22  
Sampled : 07/02/22  
Completed: 07/05/22  
Sampling Method: SOP.T.20.010

**PASSED**

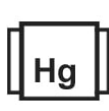
Jul 05, 2022 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US


Pages 1 of 2

**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

**71.123%**

Total THC/Container : 711.23 mg



Total CBD

**0.188%**

Total CBD/Container : 1.88 mg



Total Cannabinoids

**80.003%**

Total Cannabinoids/Container : 800.03 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	11.462	68.029	ND	0.215	ND	0.297	ND	ND	ND	ND	ND
mg/g	114.62	680.29	ND	2.15	ND	2.97	ND	ND	ND	ND	ND
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, 3134, 3205, 1541, 2338

Weight:  
0.0973g

Extraction date:  
07/03/22 09:44:08

Extracted by:  
3134

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA046300POT  
Instrument Used : GA-HPLC-001 2030C Plus  
Analyzed Date : 07/05/22 07:47:08

Reviewed On : 07/05/22 12:28:55  
Batch Date : 07/01/22 18:32:51

Dilution : 400  
Reagent : 061122.R33; 062122.R33; 013122.10; 062822.32; 061621.03  
Consumables : 947.271; 470228-424; 9291.271; LLS-00-0005; 12455-202CD-202C; R0NB32898; 29802917; 000000146137; 944C4 944J; 209598; 206639  
Pipette : GA-002; GA-006; GA-013; 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  
07/05/22



# 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 : GA20702001-012  
 Harvest/Lot ID: ORFCS163-2206-11372

 Batch# : RNTZ-3U-050122-4- P2  
 Sample Size Received : 16 gram  
 Total Amount : 617 gram  
 Completed : 07/05/22 Expires: 07/05/23  
 Sample Method : SOP.T.20.010  
 Sampled : 07/02/22  
 Ordered : 07/02/22

Page 2 of 2

<div>  <b>Terpenes</b> </div>					TESTED				
Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPHENE	0.007	ND	ND		GERANIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	0.52	0.052		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	3.42	0.342	
OCIMENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	1.48	0.148	
EUCALYPTOL	0.007	ND	ND		GUAIOL	0.007	<0.2	<0.02	
LINALOOL	0.007	6.05	0.605		Analyzed by: 3404, 3599, 2155, 3205, 1541 Weight: 0.9572g Extraction date: 07/02/22 14:02:59 Extracted by: 3599				
FENCHONE	0.007	ND	ND		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA046287TER Instrument Used : GA-GCMS-002 QP2010S Analyzed Date : 07/02/22 17:34:18 Reviewed On : 07/03/22 19:40:17 Batch Date : 07/01/22 12:08:07				
ISOPULEGOL	0.007	ND	ND		Dilution : 50 Reagent : 050322.48 Consumables : 947.109; 470228-424; 9291.271; LLS-00-0005; 210419634; RONB32898; 000000146137; 944C4 944j; 210268 Pipette : GA-211 Dispenser				
ISOBORNEOL	0.007	ND	ND		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	10.35	1.035						
VALENCENE	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
CEDROL	0.007	ND	ND						
FARNESENE		1.05	0.105						
CARYOPHYLLENE OXIDE	0.007	0.37	0.037						
ALPHA-BISABOOL	0.007	0.96	0.096						
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	1.05	0.105						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	0.25	0.025						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	1.37	0.137						
CAMPHOR	0.013	ND	ND						
BORNEOL	0.013	<0.4	<0.04						
Total (%)		2.828							

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  
 07/05/22