



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA20111001-020  
Harvest/Lot ID: ORFCC163-2201-3082  
Batch#: RNTZ-148U-110121-P2  
Seed to Sale# ORFCC163-2201-3082  
Batch Date: 01/04/22  
Sample Size Received: 16 gram  
Total Amount: 600 gram  
Retail Product Size: 1  
Ordered: 01/11/22  
Sampled: 01/11/22  
Completed: 01/13/22  
Sampling Method: SOP.T.20.010

Jan 13, 2022 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US

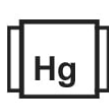
**PASSED**

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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**  
**78.786%**  
/Container : 787.86 mg

**Total CBD**  
**0.125%**  
/Container : 1.25 mg

**Total Cannabinoids**  
**89.16%**  
Total Cannabinoids/Container : 891.6 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0.143	1.101	0.344	0	0	0.1	19.008	0	0.301	68.163
mg/g	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
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:  
2507

Weight:  
0.1075g

Extraction date:  
01/11/22 01:01:22

Extracted by:  
2821

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

Analytical Batch : GA036698POT

Instrument Used : GA-HPLC-002 2040C

Analyzed Date : 01/11/22 15:46:16

Reviewed On : 01/12/22 16:45:44

Batch Date : 01/11/22 11:23:25

Dilution : 400

Reagent : 110821.R36; 010421.48; 122121.08; 010322.R46; 010322.R43

Consumables : 947.271; 470228-424; 9291.271; 110921; 210419634; R0NB32898; 00311783

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

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



Signature  
01/13/22



# 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 : GA20111001-020

Harvest/Lot ID: ORFCC163-2201-3082


Batch# : RNTZ-148U-110121- P2 Sample Size Received : 16 gram

Total Amount : 600 gram

Completed : 01/13/22 Expires: 01/13/23

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	0.187			BORNEOL	0.013	0.79	0.079	
CAMPENE	0.007	0			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	0.065			PULEGONE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-CEDRENE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0			ALPHA-HUMULENE	0.007	2.33	0.233	
OCIMENE	0.007	0.012			TRANS-NEROLIDOL	0.007	2	0.2	
EUCALYPTOL	0.007	0			GUAJOL	0.007	0.42	0.042	
LINALOOL	0.007	1.226			Analyzed by: 2155	Weight: 1.0608g	Extraction date: 01/11/22 01:01:03	Extracted by: 3192	
FENCHONE	0.007	0.031			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOPULEGOL	0.007	0			Analytical Batch : GA036697TER				
ISOBORNEOL	0.007	0			Instrument Used : GA-GCMS-005 QP2020NX	Reviewed On : 01/12/22 16:49:56			
HEXAHYDROTHYMOL	0.007	0.025			Analyzed Date : 01/11/22 15:35:57	Batch Date : 01/11/22 11:23:07			
NEROL	0.007	0			Dilution : 100				
GERANYL ACETATE	0.007	0			Reagent : 091021.R15; 071221.10; 010421.48				
BETA-CARYOPHYLLENE	0.007	0.664			Consumables : 947.271; 470228-424; 9291.197; 110921; 210419634; R0NB32898; 00314724				
VALENCENE	0.007	0			Pipette : N/A				
CEDROL	0.007	0			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
CIS-NEROLIDOL	0.007	0							
FARNESENE	0.007	0.118							
CARYOPHYLLENE OXIDE	0.007	0.073							
ALPHA-BISABOLOL	0.007	0.066							
ALPHA-PINENE	0.007	0							
SABINENE	0.007	0							
BETA-PINENE	0.007	0							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0.207							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0.044							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.231							
CAMPHOR	0.013	0							
Total (%)		3.491							