



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

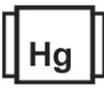
Sample: GA20701001-015  
Harvest/Lot ID: ORFCW163-2206-11406  
Batch#: RNTZ-3U-050122-3  
Seed to Sale# ORFCW163-2206-11406  
Batch Date: 06/28/22  
Sample Size Received: 16 gram  
Total Amount: 613 units  
Retail Product Size: 1  
Ordered : 07/01/22  
Sampled : 07/01/22  
Completed: 07/03/22  
Sampling Method: SOP.T.20.010

Jul 03, 2022 | Liberty Health Sciences, FL  
18770 N CR 225  
Gainesville, FL, 32609, US



**PASSED**

Pages 1 of 2

PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides <b>PASSED</b>	 Heavy Metals <b>PASSED</b>	 Microbials <b>PASSED</b>	 Mycotoxins <b>PASSED</b>	 Residuals Solvents <b>PASSED</b>	 Filtration <b>PASSED</b>	 Water Activity <b>PASSED</b>	 Moisture <b>NOT TESTED</b>	 Terpenes <b>TESTED</b>

	<b>Cannabinoid</b>	<b>PASSED</b>
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	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	21.699	54.322	ND	0.201	ND	0.416	1.11	ND	0.169	ND	ND
mg/unit	216.99	543.22	ND	2.01	ND	4.16	11.1	ND	1.69	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, 2507, 3303      Weight: 0.1013g      Extraction date: 07/01/22 15:45:49      Extracted by: 3134

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA046289POT      Reviewed On : 07/02/22 11:56:52  
Instrument Used : GA-HPLC-001 2030C Plus      Batch Date : 07/01/22 12:11:08  
Analyzed Date : 07/01/22 20:45:35

Dilution : 400  
Reagent : 020322.R09; 010421.51; 062822.31; 061122.R33; 062122.R33  
Consumables : 947.271; 470228-424; 9291.271; LLS-00-0005; 12455-202CD-202C; R0NB32898; 000000146137; 944C4 944; 209598; 206639  
Pipette : GA-002; GA-006; GA-013; GA-169 (Dispenser)

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.

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**Miranda MacDonald**  
Lab Director



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

Signature  
07/03/22



# 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 : GA20701001-015  
Harvest/Lot ID: ORFCW163-2206-11406

Batch# : RNTZ-3U-050122-3    Sample Size Received : 16 gram  
Sampled : 07/01/22    Total Amount : 613 units  
Ordered : 07/01/22    Completed : 07/03/22    Expires: 07/03/23  
Sample Method : SOP.T.20.010

Page 2 of 2

Terpenes				TESTED					
Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	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	4.17	0.417	
OCIMENE	0.007	<0.2	<0.02		TRANS-NEROLIDOL	0.007	1.34	0.134	
EUCALYPTOL	0.007	ND	ND		GUAJOL	0.007	0.94	0.094	
LINALOOL	0.007	7.79	0.779		Analyzed by: 3404, 3599, 2155, 3205, 1541    Weight: 0.9273g    Extraction date: 07/01/22 12:33:30    Extracted by: 3599 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA0462877ER    Reviewed On : 07/03/22 19:31:27 Instrument Used : GA-GCMS-002 QP2010S    Batch Date : 07/01/22 12:08:07 Analyzed Date : 07/02/22 17:34:18 Dilution : 50 Reagent : 050322.48 Consumables : 947.109; 470228-424; 9291.271; LLS-00-0005; 210419634; RONB32898; 000000146137; 944C4 944; 210268 Pipette : GA-211 Dispenser Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
FENCHONE	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
ISOBORNEOL	0.007	ND	ND						
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	13.39	1.339						
VALENCENE	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
CEDROL	0.007	ND	ND						
FARNESENE	0.007	1.3	0.13						
CARYOPHYLLENE OXIDE	0.007	0.59	0.059						
ALPHA-BISABOLOL	0.007	1.23	0.123						
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	1.31	0.131						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	0.51	0.051						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	1.67	0.167						
CAMPHOR	0.013	ND	ND						
BORNEOL	0.013	<0.4	<0.04						
<b>Total (%)</b>			<b>3.631</b>						

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Lab Director

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