



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA11020002-003
Harvest/Lot ID: ORFCW163-2110-0031
Batch#: RNTZ-139R-090121
Seed to Sale# ORFCW163-2110-0031
Batch Date: 10/14/21
Sample Size Received: 16 gram
Total Amount: 78 units
Retail Product Size: 1
Ordered : 10/20/21
Sampled : 10/20/21
Completed: 10/22/21
Sampling Method: SOP.T.20.010

PASSED

Oct 22, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



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PRODUCT IMAGE

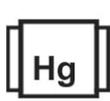


Glass Jar

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 : 743.02 mg



Total CBD

0%

/Container : 1.43 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 840.05 mg

Compound	Value	LOD
CBDV	0	0.001
CBDA	0.164	0.001
CBGA	0.908	0.001
CBG	0.347	0.001
CBD	0	0.001
THCV	0	0.001
CBN	0	0.001
D9-THC	17.187	0.001
D8-THC	0	0.001
CBC	0.273	0.001
THCA	65.126	0.001

Analyzed by: 2338

Weight: 0.1013g

Extraction date: 10/20/21 12:10:29

Extracted by: 3057

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA032844POT
Instrument Used : GA-HPLC-003 2030C PDA
Analyzed Date : 10/20/21 16:05:39

Reviewed On : 10/21/21 10:12:52
Batch Date : 10/19/21 17:27:53

Dilution : 400
Reagent : 060220.R16; 010421.48; 092821.12; 101421.R16; 102021.R48
Consumables : 947.271; 470228-424; 9291.271; 200721; 12035-035CD-035C; RONB32898; 00310305
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

10/22/21

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 : GA11020002-003
Harvest/Lot ID: ORFCW163-2110-0031

Batch# : RNTZ-139R-090121 Sample Size Received : 16 gram
Sampled : 10/20/21 Total Amount : 78 units
Ordered : 10/20/21 Completed : 10/22/21 Expires: 10/22/22
Sample Method : SOP.T.20.010

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Terpenes				TESTED			
Terpenes	LOD (%)	mg/unit %	Result (%)	Terpenes	LOD (%)	mg/unit %	Result (%)
TOTAL TERPENEOL	0.007	0		BORNEOL	0.013	0	
CAMPENE	0.007	0		GERANIOL	0.007	0	
BETA-MYRCENE	0.007	0.036		PULEGONE	0.007	0	
3-CARENE	0.007	0		ALPHA-CEDRENE	0.007	0	
ALPHA-PHELLANDRENE	0.007	0		ALPHA-HUMULENE	0.007	4.31	0.431
OCIMENE	0.007	0.008		TRANS-NEROLIDOL	0.007	1.74	0.174
EUCALYPTOL	0.007	0		GUAJOL	0.007	0.2	0.02
LINALOOL	0.007	0.954					
FENCHONE	0.007	0		Analyzed by: 2155 Weight: 0.9587g Extraction date: 10/20/21 11:10:15 Extracted by: 3057 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA032849TER Reviewed On : 10/21/21 11:26:30 Instrument Used : GA-GCMS-005 QP2020NX Batch Date : 10/19/21 17:38:41 Analyzed Date : 10/20/21 15:49:32 Dilution : 100 Reagent : 091021.R15; 010421.S2; 010421.48 Consumables : 947.271; 470228-424; 9291.271; 200721; 210419634; RONB32898; 00310305 Pipette : N/A Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.			
ISOBORNEOL	0.007	0					
HEXAHYDROTHYMOL	0.007	0					
NEROL	0.007	0					
GERANYL ACETATE	0.007	0					
BETA-CARYOPHYLLENE	0.007	1.415					
VALENCENE	0.007	0					
CEDROL	0.007	0					
CIS-NEROLIDOL	0.007	0					
FARNESENE	0.007	0.203					
CARYOPHYLLENE OXIDE	0.007	0.05					
ALPHA-BISABOLOL	0.007	0.059					
ALPHA-PINENE	0.007	0					
SABINENE	0.007	0					
BETA-PINENE	0.007	0					
ALPHA-TERPINENE	0.007	0					
LIMONENE	0.007	0.134					
GAMMA-TERPINENE	0.007	0					
TERPINOLENE	0.007	0.071					
SABINENE HYDRATE	0.007	0					
FENCHYL ALCOHOL	0.007	0.199					
CAMPHOR	0.013	0					
Total (%)							