



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

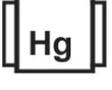
Sample:GA01204004-008  
Harvest/Lot ID: FWF138E-201130-01  
Batch#: SGH-97V4-111120  
Seed to Sale# FWF138E-201130-01  
Batch Date: 11/30/20  
Sample Size Received: 31.5 gram  
Total Amount: 669 units  
Retail Product Size: 3.5 gram  
Ordered: 12/04/20  
Sampled: 12/04/20  
Completed: 12/17/20  
Sampling Method: SOP.T.20.010

Dec 17, 2020 | Liberty Health Sciences, FL  
18770 N CR 225  
Gainesville, FL, 32609, US



**PASSED**

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

 **Cannabinoid** **PASSED**

	<b>Total THC</b> <b>0%</b> /Container : 766.731 mg		<b>Total CBD</b> <b>0%</b> CBD/Container : 2.779 mg		<b>Total Cannabinoids</b> <b>0%</b> Total Cannabinoids/Container : 916.649 mg
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	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA	TOTAL CANNABINOIDS	TOTAL CBD	TOTAL THC
% mg/unit	0	0.09	1.326	0.113	0	0	0	3	0	0.101	21.557	0	0	0
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: 508      Weight: 0.1988g      Extraction date: 12/05/20 04:12:02      Extracted by: 2103

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA019570POT  
Instrument Used : GA-HPLC-001 2030C Plus (Carl)  
Analyzed Date : 12/07/20 14:23:03  
Reviewed On : 12/08/20 14:33:30  
Batch Date : 12/05/20 09:03:05

Dilution : 40  
Reagent : 111920.R03; 112820.R03; 110320.46  
Consumables : 280630187; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; 16466-042  
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 P/LA-  
Testing 97164

Signature  
12/17/20



# 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 : GA01204004-008

Harvest/Lot ID: FWF138E-201130-01

Batch# : SGH-97V4-111120

Sampled : 12/04/20

Ordered : 12/04/20

Sample Size Received : 31.5 gram

Total Amount : 669 units

Completed : 12/17/20 Expires: 12/17/21

Sample Method : SOP.T.20.010

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Terpenes				TESTED			
Terpenes	LOD (%)	mg/unit %	Result (%)	Terpenes	LOD (%)	mg/unit %	Result (%)
ALPHA-HUMULENE	0.007	0.085		EUCALYPTOL	0.007	0	
ALPHA-CEDRENE	0.007	0		ISOBORNEOL	0.007	0	
SABINENE	0.007	0		HEXAHYDROTHYMOL	0.007	0	
SABINENE HYDRATE	0.007	0		FENCHYL ALCOHOL	0.007	0.175	0.005
TERPINEOL	0.007	0.093		3-CARENE	0.007	0	
TERPINOLENE	0.007	0		CIS-NEROLIDOL	0.007	0	
BETA-CARYOPHYLLENE	0.007	0.275		ISOPULEGOL	0.007	0	
TRANS-NEROLIDOL	0.007	0.014					
VALENCENE	0.007	0					
ALPHA-BISABOLOL	0.007	0.093					
CARYOPHYLLENE OXIDE	0.007	0					
CAMPHOR	0.013	0					
CAMPHENE	0.007	0.002					
BORNEOL	0.013	0					
BETA-PINENE	0.007	0.015					
BETA-MYRCENE	0.007	1.373					
ALPHA-TERPINENE	0.007	0					
ALPHA-PINENE	0.007	0.108					
CEDROL	0.007	0					
PULEGONE	0.007	0					
ALPHA-PHELLANDRENE	0.007	0					
OCIMENE	0.007	0.656					
NEROL	0.007	0					
LINALOOL	0.007	0.107					
LIMONENE	0.007	0.078					
GUAJOL	0.007	0					
GERANYL ACETATE	0.007	0					
GERANIOL	0.007	0					
GAMMA-TERPINENE	0.007	0					
FENCHONE	0.007	0					
FARNESENE	0.007	0					
<b>Total (%)</b>							

Analyzed by: 2155 Weight: 1.0064g Extraction date: 12/08/20 12:12:30 Extracted by: 1791  
 Analysis Method: SOP.T.30.061A.FL, SOP.T.40.061A.FL  
 Analytical Batch: GA019597ER Reviewed On : 12/10/20 15:26:57  
 Instrument Used : GA-GCMS-002 QP20105 Batch Date : 12/05/20 09:01:45  
 Analyzed Date : 12/08/20 14:50:25  
 Dilution : 10  
 Reagent : 060920.22  
 Consumables : 280630187; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042  
 Pipette : N/A

Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.