



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample:GA10106002-006  
Harvest/Lot ID: FWF108E-201231-01  
Batch#: MSAP-104Q-122120  
Seed to Sale# FWF108E-201231-01  
Batch Date: 12/31/20  
Sample Size Received: 45.5 gram  
Total Amount: 3248 units  
Retail Product Size: 3.5  
Ordered: 01/06/21  
Sampled: 01/06/21  
Completed: 01/08/21  
Sampling Method: SOP.T.20.010

Jan 08, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US

**PASSED**

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**PRODUCT IMAGE**


Plastic Jar

**SAFETY RESULTS**

Pesticides  
**PASSED**

Heavy Metals  
**PASSED**

Microbials  
**PASSED**

Mycotoxins  
**PASSED**

Residuals Solvents  
**NOT TESTED**

Filtration  
**PASSED**

Water Activity  
**PASSED**

Moisture  
**PASSED**

Terpenes  
**TESTED**
**MISC.**

**Cannabinoid**
**PASSED**

**Total THC**
**0%**

/Container : 700.588 mg


**Total CBD**
**0%**

/Container : 1.999 mg


**Total Cannabinoids**
**0%**

Total Cannabinoids/Container : 822.317 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA	TOTAL CANNABINOIDS	TOTAL CBD	TOTAL THC
%	0	0.065	0.651	0	0	0	0	0.326	0	0	22.451	0	0	0
mg/unit	0.001	0.001	0.001	0.001	0	0.001	0.001	0	0.001	0.001	0.001	0	0	0
LOD	0.001	0.001	0.001	0.001	0	0.001	0.001	0	0.001	0.001	0.001	0	0	0
%	0	0.065	0.651	0	0	0	0	0.326	0	0	22.451	0	0	0

Analyzed by:  
2338

Weight:  
0.2043g

Extraction date:  
01/06/21 06:01:27

Extracted by:  
2206

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA020831POT  
Instrument Used : GA-HPLC-001 2030C Plus (Carl)  
Analyzed Date : 01/08/21 07:02:26

Reviewed On : 01/08/21 10:52:49  
Batch Date : 01/06/21 17:45:16

Dilution : 40  
Reagent : 010621.04; 123120.R06; 010521.R03  
Consumables : 282066106; 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  
01/08/21



# 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 : GA10106002-006

Harvest/Lot ID: FWF108E-201231-01

Batch# : MSAP-104Q-122120

Sampled : 01/06/21

Ordered : 01/06/21


Sample Size Received : 45.5 gram

Total Amount : 3248 units

Completed : 01/08/21 Expires: 01/08/22

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		0.18		EUCALYPTOL	0.007	0	0	
ALPHA-CEDRENE	0.007		0		ISOBORNEOL	0.007	0	0	
SABINENE	0.007		0		HEXAHYDROTHYMOL	0.007	0	0	
SABINENE HYDRATE	0.007		0		FENCHYL ALCOHOL	0.007	2.205	0.063	
TERPINEOL	0.007		0.107		3-CARENE	0.007	0	0	
TERPINOLENE	0.007		0.01		CIS-NEROLIDOL	0.007	0	0	
BETA-CARYOPHYLLENE	0.007		0.695		ISOPULEGOL	0.007	0	0	
TRANS-NEROLIDOL	0.007		0.077						
VALENCENE	0.007		0		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ALPHA-BISABOLOL	0.007		0.122		Analytical Batch : GA02081878				
CARYOPHYLLENE OXIDE	0.007		0		Instrument Used : GA-GCMS-002 QP2010S				
CAMPHOR	0.013		0		Analyzed Date : 01/07/21 10:33:06				
CAMPHENE	0.007		0		Dilution : 10				
BORNEOL	0.013		0		Reagent : 122320.03				
BETA-PINENE	0.007		0.08		Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042				
BETA-MYRCENE	0.007		0.186		Pipette : N/A				
ALPHA-TERPINENE	0.007		0		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
ALPHA-PINENE	0.007		0.065						
CEDROL	0.007		0						
PULEGONE	0.007		0						
ALPHA-PHELLANDRENE	0.007		0						
OCIMENE	0.007		0.034						
NEROL	0.007		0						
LINALOOL	0.007		0.1						
LIMONENE	0.007		0.58						
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						
Total (%)									