



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample:** GA10330002-006  
**Harvest/Lot ID:** FPF140E-210120-01-R2  
**Batch#:** LOG-SJGOM14-010421-R2  
**Seed to Sale#** FPF140E-210120-01-R2  
**Batch Date:** 01/20/21  
**Sample Size Received:** 31.5 gram  
**Total Amount:** 144 gram  
**Retail Product Size:** 3.5  
**Ordered :** 03/30/21  
**Sampled :** 03/30/21  
**Completed:** 04/02/21  
**Sampling Method:** SOP.T.20.010

Apr 05, 2021 | Liberty Health Sciences, FL  
 18770 N CR 225  
 Gainesville, FL, 32609, US



# PASSED

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### PRODUCT IMAGE

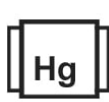


Plastic Jar

### 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 : 625.08 mg



Total CBD

**0%**

/Container : 0 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 747.399 mg

%  
mg/g  
LOD

CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
0	0	0.996	0.173	0	0	0	1.281	0	0	18.902
0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
2338

Weight:  
0.2012g

Extraction date:  
04/01/21 04:04:41

Extracted by:  
2507

Analysis Method : SOP.T.40.031, SOP.T.30.031  
 Analytical Batch : GA024571POT  
 Instrument Used : GA-HPLC-001 2030C Plus (Carl)  
 Analyzed Date : 04/01/21 18:00:24

Reviewed On : 04/02/21 17:30:27  
 Batch Date : 04/01/21 09:10:52

Dilution : 40  
 Reagent : 062119.16; 021821.11; 032521.R11; 032621.R33  
 Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179); 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

04/02/21

Signed On



# 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 : GA10330002-006

Harvest/Lot ID: FPF140E-210120-01-R2

 Batch# : LOG-  
 SJGOM14-010421-R2  
 Sampled : 03/30/21  
 Ordered : 03/30/21

 Sample Size Received : 31.5 gram  
 Total Amount : 144 gram  
 Completed : 04/02/21 Expires: 04/02/22  
 Sample Method : SOP.T.20.010

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## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPHENE	0.007	0			TERPINEOL	0.007	0.41	0.041	
BETA-MYRCENE	0.007	0.013			GERANIOL	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0			PULEGONE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007	0			ALPHA-HUMULENE	0.007	1.05	0.105	
EUCALYPTOL	0.007	0			TRANS-NEROLIDOL	0.007	0.52	0.052	
LINALOOL	0.007	0.077			GUAIOL	0.007	1.58	0.158	
FENCHONE	0.007	0			Analyzed by: 2155	Weight: 1.0097g	Extraction date: 03/31/21 01:03:42	Extracted by: 2507	
ISOPULEGOL	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOBORNEOL	0.007	0			Analytical Batch : GAO24474TER				
HEXAHYDROTHYMOL	0.007	0			Instrument Used : GA-GCMS-002 QP2010S				
NEROL	0.007	0			Reviewed On : 04/01/21 10:43:50				
GERANYL ACETATE	0.007	0			Batch Date : 03/30/21 10:56:33				
BETA-CARYOPHYLLENE	0.007	0.341			Dilution : 10				
VALENCENE	0.007	0			Reagent : 010421.40; 062119.16; 021121.36				
CIS-NEROLIDOL	0.007	0			Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; VAV-09-1020 (947.077) /				
CARYOPHYLLENE OXIDE	0.007	0.051			ALK-09-1412 (9291.179); P734631 / P7411895; 16466-042				
CEDROL	0.007	0			Pipette : N/A				
FARNESENE	0.007	0.143			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total				
ALPHA-BISABOLOL	0.007	0.086			Terpenes % is dry-weight corrected.				
ALPHA-PINENE	0.007	0.016							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.025							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0.115							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0.012							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.03							
CAMPHOR	0.013	0							
BORNEOL	0.013	0							
Total (%)									