



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample:** DA01215020-012  
**Harvest/Lot ID:** FWF144E-201209-01  
**Batch#:** SC-SJGAC8-111720  
**Seed to Sale#** FWF144E-201209-01  
**Batch Date:** 12/09/20  
**Sample Size Received:** 31.5 gram  
**Total Amount:** 146  
**Retail Product Size:** 3.5  
**Ordered:** 12/15/20  
**Sampled:** 12/15/20  
**Completed:** 12/21/20  
**Sampling Method:** SOP.T.20.010

Dec 21, 2020 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US

**PASSED**

Pages 1 of 2

**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 : 574.299 mg


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

CBD/Container : 1.044 mg


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

Total Cannabinoids/Container : 670.74 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA	TOTAL CANNABINOIDS	TOTAL CBD	TOTAL THC
%	0	0.034	0.397	0.039	0	0	0	0.548	0.027	0.034	18.085	0	0	0
mg/g														
LOD	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001	%	%	%
	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
574

Weight:  
0.2009g

Extraction date:  
12/16/20 11:12:08

Extracted by:  
965

Analysis Method : SOP.T.40.031, SOP.T.30.031

Analytical Batch : DA019971POT

Instrument Used : DA-LC-001

Analyzed Date : 12/16/20 20:17:21

Reviewed On : 12/17/20 16:04:09

Batch Date : 12/16/20 08:40:44

Dilution : 400

Reagent : 120920.R30; 110119.20; 120920.R27

Consumables : 280670723; 11989-024CC-024; 76262-590; 914C4-914AK; 929C6-929H

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.

**Jorge Segredo**  
Lab Director

State License # CMTL-0002  
ISO 17025 Accreditation # ISO/IEC  
17025:2017 Accreditation PJLA-  
Testing 97164



Signature  
12/21/20



# 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 : DA01215020-012

Harvest/Lot ID: FWF144E-201209-01

Batch# : SC-SJGAC8-111720

Sampled : 12/15/20

Ordered : 12/15/20

Sample Size Received : 31.5 gram

Total Amount : 146

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

Sample Method : SOP.T.20.010

Page 2 of 2



## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
ALPHA-HUMULENE	0.007		0.079		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	0.14	0.014	
TERPINEOL	0.007		0.015		3-CARENE	0.007	0	0	
TERPINOLENE	0.007		0		CIS-NEROLIDOL	0.007	0	0	
BETA-CARYOPHYLLENE	0.007		0.362		ISOPULEGOL	0.007	0	0	
TRANS-NEROLIDOL	0.007		0		Analyzed by: 1351    Weight: 1.0067g    Extraction date: 12/16/20 12:12:33    Extracted by: 1351				
VALENCENE	0.007		0		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : DA019966TER    Reviewed On : 12/21/20 11:36:54 Instrument Used : DA-GCMS-005    Batch Date : 12/16/20 08:00:36 Analyzed Date : 12/16/20 15:54:38				
ALPHA-BISABOLOL	0.007		0		Dilution : 10 Reagent : 121420.R01; 121420.R02; 111320.R15; 120820.R29 Consumables : 287035261; 76262-590 Pipette : N/A				
CARYOPHYLLENE OXIDE	0.007		0.004		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
CAMPHOR	0.013		0						
CAMPHENE	0.007		0						
BORNEOL	0.013		0						
BETA-PINENE	0.007		0.038						
BETA-MYRCENE	0.007		0.006						
ALPHA-TERPINENE	0.007		0						
ALPHA-PINENE	0.007		0.065						
CEDROL	0.007		0						
PULEGONE	0.007		0						
ALPHA-PHELLANDRENE	0.007		0						
OCIMENE	0.007		0.02						
NEROL	0.007		0						
LINALOOL	0.007		0.029						
LIMONENE	0.007		0.182						
GUAIOL	0.007		0						
GERANYL ACETATE	0.007		0						
GERANIOL	0.007		0						
GAMMA-TERPINENE	0.007		0						
FENCHONE	0.007		0						
FARNESENE	0.007		0.867						
Total (%)									