



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: DA01230009-004  
Harvest/Lot ID: FWF123E-201222-01  
Batch#: SSH-101T-120820  
Seed to Sale# FWF123E-201222-01  
Batch Date: 12/22/20  
Sample Size Received: 31.5 gram  
Total Amount: 1032 units  
Retail Product Size: 3.5  
Ordered: 12/29/20  
Sampled: 12/29/20  
Completed: 01/06/21  
Sampling Method: SOP.T.20.010

Jan 06, 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 : 446.55 mg


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

/Container : 1.013 mg


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

Total Cannabinoids/Container : 544.53 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA	TOTAL CANNABINOIDS	TOTAL CBD	TOTAL THC
%	0	0.033	0.939	0.078	0	0	0	0.285	0.003	0	14.223	0	0	0
mg/unit														
LOD	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001			
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
450

Weight:  
0.2077g

Extraction date:  
12/30/20 03:12:46

Extracted by:  
965

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

Analytical Batch : DA020590POT

Instrument Used : DA-LC-002

Analyzed Date : 12/30/20 18:18:11

Reviewed On : 12/31/20 10:47:55

Batch Date : 12/30/20 09:02:29

Dilution : 400

Reagent : 122820.R27; 110320.60; 122820.R26

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  
01/06/21



# 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 : DA01230009-004  
 Harvest/Lot ID: FWF123E-201222-01

 Batch# : SSH-101T-120820 Sample Size Received : 31.5 gram  
 Total Amount : 1032 units  
 Sampled : 12/29/20 Completed : 01/06/21 Expires: 01/06/22  
 Ordered : 12/29/20 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		0.127		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	0	
TERPINEOL	0.007		0.003		3-CARENE	0.007	0	0	
TERPINOLENE	0.007		0		CIS-NEROLIDOL	0.007	0	0	
BETA-CARYOPHYLLENE	0.007		0.589		ISOPULEGOL	0.007	0	0	
TRANS-NEROLIDOL	0.007		0.025		<div>Analyzed by: 1351Weight: 0.9575gExtraction date: 12/30/20 03:12:59Extracted by: 1351</div> <div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div> <div>Analytical Batch : DA020506TER</div> <div>Instrument Used : DA-GCMS-004</div> <div>Analyzed Date : 12/30/20 17:28:02</div> <div>Reviewed On : 12/31/20 11:01:58</div> <div>Batch Date : 12/28/20 11:42:57</div> <div>Dilution : 10</div> <div>Reagent : 122820.R21; 122820.R22; 111320.R15; 120820.R29</div> <div>Consumables : 287035261; 12499404; 76262-590</div> <div>Pipette : N/A</div> <div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div>				
VALENCENE	0.007		0						
ALPHA-BISABOLOL	0.007		0.004						
CARYOPHYLLENE OXIDE	0.007		0						
CAMPHOR	0.013		0						
CAMPHERE	0.007		0						
BORNEOL	0.013		0						
BETA-PINENE	0.007		0						
BETA-MYRCENE	0.007		0.432						
ALPHA-TERPINENE	0.007		0						
ALPHA-PINENE	0.007		0						
CEDROL	0.007		0						
PULEGONE	0.007		0						
ALPHA-PHELLANDRENE	0.007		0						
OCIMENE	0.007		0.014						
NEROL	0.007		0						
LINALOOL	0.007		0						
LIMONENE	0.007		0.047						
GUAJOL	0.007		0.045						
GERANYL ACETATE	0.007		0						
GERANIOL	0.007		0.017						
GAMMA-TERPINENE	0.007		0						
FENCHONE	0.007		0						
FARNESENE	0.007		0.803						
Total (%)									