



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA10105003-013  
Harvest/Lot ID: FWF132E-201231-01  
Batch#: PSUN-103V3-122320  
Seed to Sale# FWF132E-201231-01  
Batch Date: 12/31/20  
Sample Size Received: 31.5 gram  
Retail Product Size: 3.5  
Ordered : 01/05/21  
Sampled : 01/05/21  
Completed: 01/08/21  
Sampling Method: SOP.T.20.010

**PASSED**

Jan 08, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US



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PRODUCT IMAGE

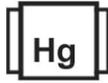


Plastic Jar

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 : 693.544 mg



Total CBD

**0%**

/Container : 2.509 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 836.469 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA	TOTAL CANNABINOIDS	TOTAL CBD	TOTAL THC
%	0	0.081	1.023	0.167	0	0	0.073	0.291	0	0	22.262	0	0	0
mg/unit	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001			
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:  
1541

Weight:  
0.1974g

Extraction date:  
01/05/21 03:01:59

Extracted by:  
2206

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA020710POT  
Instrument Used : GA-HPLC-001 2030C Plus (Cari)  
Analyzed Date : 01/05/21 19:58:18

Reviewed On : 01/07/21 10:04:11  
Batch Date : 01/04/21 10:12:54

Dilution : 40  
Reagent : 123120.R08; 123120.R06; 010521.06  
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

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 : GA10105003-013  
Harvest/Lot ID: FWF132E-201231-01

Batch# : PSUN-103V3-122320 Sample Size Received : 31.5 gram  
Sampled : 01/05/21 Total Amount : 1103 units  
Ordered : 01/05/21 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	0.217	<div style="width: 21.7%;"></div>	EUCALYPTOL	0.007	0	<div style="width: 0%;"></div>
ALPHA-CEDRENE	0.007	0	<div style="width: 0%;"></div>	ISOBORNEOL	0.007	0	<div style="width: 0%;"></div>
SABINENE	0.007	0	<div style="width: 0%;"></div>	HEXAHYDROTHYMOL	0.007	0	<div style="width: 0%;"></div>
SABINENE HYDRATE	0.007	0	<div style="width: 0%;"></div>	FENCHYL ALCOHOL	0.007	0.945	<div style="width: 94.5%;"></div>
TERPINEOL	0.007	0.044	<div style="width: 4.4%;"></div>	3-CARENE	0.007	0	<div style="width: 0%;"></div>
TERPINOLENE	0.007	0.007	<div style="width: 0.7%;"></div>	CIS-NEROLIDOL	0.007	0	<div style="width: 0%;"></div>
BETA-CARYOPHYLLENE	0.007	0.794	<div style="width: 79.4%;"></div>	ISOPULEGOL	0.007	0	<div style="width: 0%;"></div>
TRANS-NEROLIDOL	0.007	0	<div style="width: 0%;"></div>	Analyzed by: 2155 Weight: 1.0077g Extraction date: 01/05/21 03:01:18 Extracted by: 1791 Analysis Method: SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch: GA020764TER Reviewed On : 01/06/21 12:53:33 Instrument Used: GA-GCMS-002 QP20105 Analyzed Date: N/A Batch Date : 01/05/21 15:06:52 Dilution : 10 Reagent : 122320.03 Consumables : 280630187; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; 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.			
VALENCENE	0.007	0	<div style="width: 0%;"></div>	Total (%) <div style="width: 100%;"></div>			
ALPHA-BISABOLOL	0.007	0.04	<div style="width: 4%;"></div>				
CARYOPHYLLENE OXIDE	0.007	0	<div style="width: 0%;"></div>				
CAMPHOR	0.013	0	<div style="width: 0%;"></div>				
CAMPHENE	0.007	0	<div style="width: 0%;"></div>				
BORNEOL	0.013	0	<div style="width: 0%;"></div>				
BETA-PINENE	0.007	0.015	<div style="width: 1.5%;"></div>				
BETA-MYRCENE	0.007	0	<div style="width: 0%;"></div>				
ALPHA-TERPINENE	0.007	0	<div style="width: 0%;"></div>				
ALPHA-PINENE	0.007	0.005	<div style="width: 0.5%;"></div>				
CEDROL	0.007	0	<div style="width: 0%;"></div>				
PULEGONE	0.007	0	<div style="width: 0%;"></div>				
ALPHA-PHELLANDRENE	0.007	0	<div style="width: 0%;"></div>				
OCIMENE	0.007	0	<div style="width: 0%;"></div>				
NEROL	0.007	0	<div style="width: 0%;"></div>				
LINALOOL	0.007	0.013	<div style="width: 1.3%;"></div>				
LIMONENE	0.007	0.151	<div style="width: 15.1%;"></div>				
GUAIOL	0.007	0	<div style="width: 0%;"></div>				
GERANYL ACETATE	0.007	0	<div style="width: 0%;"></div>				
GERANIOL	0.007	0.07	<div style="width: 7%;"></div>				
GAMMA-TERPINENE	0.007	0	<div style="width: 0%;"></div>				
FENCHONE	0.007	0	<div style="width: 0%;"></div>				
FARNESENE	0.007	0	<div style="width: 0%;"></div>				