



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

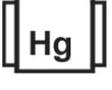
Sample: DA01230009-011  
Harvest/Lot ID: PPF123E-201222-01  
Batch#: SSH-101T-120820  
Seed to Sale# PPF123E-201222-01  
Batch Date: 12/22/20  
Sample Size Received: 31.5 gram  
Total Amount: 352 units  
Retail Product Size: 3.5  
Ordered: 12/29/20  
Sampled: 12/29/20  
Completed: 01/07/21  
Sampling Method: SOP.T.20.010

Jan 07, 2021 | Liberty Health Sciences, FL  
18770 N CR 225  
Gainesville, FL, 32609, US



**PASSED**

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PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides <b>PASSED</b>	 Heavy Metals <b>PASSED</b>	 Microbials <b>PASSED</b>	 Mycotoxins <b>PASSED</b>	 Residuals Solvents NOT TESTED	 Filtration <b>PASSED</b>	 Water Activity <b>PASSED</b>	 Moisture <b>PASSED</b>	 Terpenes <b>TESTED</b>

**Cannabinoid** **PASSED**

 <b>Total THC</b> <b>0%</b> /Container : 379.111 mg	 <b>Total CBD</b> <b>0%</b> /Container : 0.798 mg	 <b>Total Cannabinoids</b> <b>0%</b> Total Cannabinoids/Container : 462.315 mg
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	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA	TOTAL CANNABINOIDS	TOTAL CBD	TOTAL THC
%	0	0.026	0.802	0.059	0	0	0	0.206	0.002	0	12.116	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: 0.2142g      Extraction date: 12/30/20 03:12:08      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 10:56:12  
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  
01/07/21



# 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 : DA01230009-011  
Harvest/Lot ID: FPF123E-201222-01

Batch# : SSH-101T-120820    Sample Size Received : 31.5 gram  
Sampled : 12/29/20    Total Amount : 352 units  
Ordered : 12/29/20    Completed : 01/07/21 Expires: 01/07/22  
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	0.118		EUCALYPTOL	0.007	0	
ALPHA-CEDRENE	0.007	0		ISOBORNEOL	0.007	0	
SABINENE	0.007	0		HEXAHYDROTHYMOL	0.007	0	
SABINENE HYDRATE	0.007	0		FENCHYL ALCOHOL	0.007	0	
TERPINEOL	0.007	0.004		3-CARENE	0.007	0	
TERPINOLENE	0.007	0		CIS-NEROLIDOL	0.007	0	
BETA-CARYOPHYLLENE	0.007	0.544		ISOPULEGOL	0.007	0	
TRANS-NEROLIDOL	0.007	0.035					
VALENCENE	0.007	0					
ALPHA-BISABOLOL	0.007	0.007					
CARYOPHYLLENE OXIDE	0.007	0					
CAMPHOR	0.013	0					
CAMPHENE	0.007	0					
BORNEOL	0.013	0					
BETA-PINENE	0.007	0					
BETA-MYRCENE	0.007	0.255					
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	0.008					
NEROL	0.007	0					
LINALOOL	0.007	0.026					
LIMONENE	0.007	0.031					
GUAJOL	0.007	0.065					
GERANYL ACETATE	0.007	0					
GERANIOL	0.007	0.015					
GAMMA-TERPINENE	0.007	0					
FENCHONE	0.007	0					
FARNESENE	0.007	0.746					
<b>Total (%)</b>							

Analyzed by: 1351    Weight: 1.0783g    Extraction date: 12/30/20 03:12:41    Extracted by: 1351  
 Analysis Method: SOP.T.30.061A.FL, SOP.T.40.061A.FL  
 Analytical Batch: DA020612TER  
 Instrument Used: DA-GCMS-004    Reviewed On: 01/04/21 15:25:17  
 Analyzed Date: 12/31/20 11:55:44    Batch Date: 12/30/20 12:08:11  
 Dilution: 10  
 Reagent: 122820.R21; 122820.R22; 111320.R15; 120820.R29  
 Consumables: 287035261; 12499404; 76262-590  
 Pipette: N/A  
 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.

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**Jorge Segredo**  
Lab Director

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