



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample:** DA10104005-001  
**Harvest/Lot ID:** FWF116E-201019-01-R2  
**Batch#:** BIO-93G-100720-R2  
**Seed to Sale#** FWF116E-201019-01-R2  
**Batch Date:** 10/19/20  
**Sample Size Received:** 31.5 gram  
**Total Amount:** 304  
**Retail Product Size:** 3.5  
**Ordered:** 12/31/20  
**Sampled:** 12/31/20  
**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

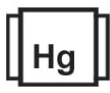
**PASSED**

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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 : 531.242 mg


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

/Container : 1.504 mg


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

Total Cannabinoids/Container : 640.745 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA	TOTAL CANNABINOIDS	TOTAL CBD	TOTAL THC
%	0	0.049	0.83	0.041	0	0	0	0.5	0.034	0.116	16.737	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:  
450

Weight:  
0.2107g

Extraction date:  
01/04/21 11:01:43

Extracted by:  
1823

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

Analytical Batch : DA020692POT

Instrument Used : DA-LC-002

Analyzed Date : 01/05/21 12:12:18

Reviewed On : 01/05/21 12:41:24

Batch Date : 01/04/21 08:55:43

Dilution : 400

Reagent : 010421.R21; 110119.20; 010421.R17

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 : DA10104005-001

Harvest/Lot ID: FWF116E-201019-01-R2

Batch# : BIO-93G-100720-R2

Sampled : 12/31/20

Ordered : 12/31/20

Sample Size Received : 31.5 gram

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Completed : 01/06/21 Expires: 01/06/22

Sample Method : SOP.T.20.010

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## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
ALPHA-HUMULENE	0.007	0.181			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	0.017			3-CARENE	0.007	0	0	
TERPINOLENE	0.007	0			CIS-NEROLIDOL	0.007	0	0	
BETA-CARYOPHYLLENE	0.007	0.515			ISOPULEGOL	0.007	0	0	
TRANS-NEROLIDOL	0.007	0.024			Analyzed by: 1351    Weight: 0.9939g    Extraction date: 01/04/21 11:01:07    Extracted by: 1351				
VALENCENE	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ALPHA-BISABOLOL	0.007	0.043			Analytical Batch : DA020683TER    Reviewed On : 01/06/21 09:13:22				
CARYOPHYLLENE OXIDE	0.007	0			Instrument Used : DA-GCMS-004    Batch Date : 01/04/21 08:10:46				
CAMPHOR	0.013	0			Analyzed Date : 01/05/21 10:09:46				
CAMPHERE	0.007	0			Dilution : 10				
BORNEOL	0.013	0.006			Reagent : 010421.R12; 010421.R13; 111320.R15; 120820.R29				
BETA-PINENE	0.007	0.02			Consumables : 287035261; 12499404; 76262-590				
BETA-MYRCENE	0.007	0.12			Pipette : N/A				
ALPHA-TERPINENE	0.007	0			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
ALPHA-PINENE	0.007	0.014							
CEDROL	0.007	0							
PULEGONE	0.007	0							
ALPHA-PHELLANDRENE	0.007	0							
OCIMENE	0.007	0							
NEROL	0.007	0							
LINALOOL	0.007	0.065							
LIMONENE	0.007	0.171							
GUAIOL	0.007	0.153							
GERANYL ACETATE	0.007	0							
GERANIOL	0.007	0							
GAMMA-TERPINENE	0.007	0							
FENCHONE	0.007	0							
FARNESENE	0.007	0.065							
Total (%)									