



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA10316002-002  
Harvest/Lot ID: FCZ100-210304-01  
Batch#: CF-CBD-011720  
Seed to Sale# FCZ100-210304-01  
Batch Date: 03/04/21  
Sample Size Received: 66 gram  
Total Amount: 1036 gram  
Retail Product Size: 13.2  
Ordered : 03/16/21  
Sampled : 03/16/21  
Completed: 04/06/21  
Sampling Method: SOP.T.20.010

**PASSED**

Apr 06, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US



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PRODUCT IMAGE



Glass Jar

SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**PASSED**



Moisture  
**NOT TESTED**



Terpenes  
**TESTED**

MISC.



**Cannabinoid**

**PASSED**



Total THC

**0%**

/Container : 40.351 mg



Total CBD

**0%**

/Container : 665.161 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 745.562 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0.011	0	0	0.101	5.039	0	0.009	0.284	0	0.187	0.024
mg/g											
LOD	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001
%											

Analyzed by: 2338

Weight: 3.0005g

Extraction date: 03/26/21 12:03:08

Extracted by: 2507

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA024329POT  
Instrument Used : GA-HPLC-001 2030C Plus (Carl)  
Analyzed Date : 03/26/21 15:37:46

Reviewed On : 03/29/21 12:34:44  
Batch Date : 03/26/21 09:04:10

Dilution : 40  
Reagent : 021821.09; 010421.51; 110520.06; 032521.R11; 032421.R16  
Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179); 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

04/06/21

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 : GA10316002-002  
Harvest/Lot ID: FCZ100-210304-01

Batch# : CF-CBD-011720    Sample Size Received : 66 gram  
Sampled : 03/16/21    Total Amount : 1036 gram  
Ordered : 03/16/21    Completed : 04/06/21 Expires: 04/06/22  
Sample Method : SOP.T.20.010

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## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPHENE	0.007	0		
BETA-MYRCENE	0.007	0		
ALPHA-PHELLANDRENE	0.007	0		
3-CARENE	0.007	0		
OCIMENE	0.007	0		
EUCALYPTOL	0.007	0		
LINALOOL	0.007	0		
FENCHONE	0.007	0		
ISOPULEGOL	0.007	0		
ISOBORNEOL	0.007	0		
HEXAHYDROTHYMOL	0.007	0		
NEROL	0.007	0		
GERANYL ACETATE	0.007	0		
BETA-CARYOPHYLLENE	0.007	0		
VALENCENE	0.007	0		
CIS-NEROLIDOL	0.007	0		
CARYOPHYLLENE OXIDE	0.007	0		
CEDROL	0.007	0		
FARNESENE	0.007	0		
ALPHA-BISABOLOL	0.007	0		
ALPHA-PINENE	0.007	0		
SABINENE	0.007	0		
BETA-PINENE	0.007	0		
ALPHA-TERPINENE	0.007	0		
LIMONENE	0.007	0.009		
GAMMA-TERPINENE	0.007	0		
TERPINOLENE	0.007	0		
SABINENE HYDRATE	0.007	0		
FENCHYL ALCOHOL	0.007	0		
CAMPHOR	0.013	0		
BORNEOL	0.013	0		

Terpenes	LOD (%)	mg/g	%	Result (%)
TERPINEOL	0.007	0.14	0.014	
GERANIOL	0.007	0	0	
PULEGONE	0.007	0	0	
ALPHA-CEDRENE	0.007	0	0	
ALPHA-HUMULENE	0.007	0	0	
TRANS-NEROLIDOL	0.007	0	0	
GUAIOL	0.007	0.25	0.025	

Analyzed by: 1541    Weight: 1.1684g    Extraction date: 03/16/21 01:03:43    Extracted by: 2103

Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL  
Analytical Batch : GA023895TER    Reviewed On : 03/18/21 16:18:35  
Instrument Used : GA-GCMS-002 QP2010S    Batch Date : 03/16/21 11:17:26  
Analyzed Date : 03/16/21 15:59:58

Dilution : 10  
Reagent : 010421.38  
Consumables : 282066106; 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.

Total (%) [Progress Bar]