



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample:** GA11117002-006  
**Harvest/Lot ID:** FBZ100-2111-1039  
**Batch#:** BF-CBD-2111-0830  
**Seed to Sale#:** FBZ100-2111-1039  
**Batch Date:** 11/15/21  
**Sample Size Received:** 150 gram  
**Total Amount:** 223 gram  
**Retail Product Size:** 50  
**Ordered:** 11/17/21  
**Sampled:** 11/17/21  
**Completed:** 11/19/21  
**Sampling Method:** SOP.T.20.010

Nov 19, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US

**PASSED**

Pages 1 of 2

**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**
**0.299%**

/Container : 149.5 mg


**Total CBD**
**0.944%**

/Container : 472 mg


**Total Cannabinoids**
**1.312%**

Total Cannabinoids/Container : 656 mg

%  
mg/g  
LOD

CBDV	CBD	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
0	0.016	0	0.02	0.93	0	0.015	0.299	0	0.032	0	0
0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
2338

Weight:  
3.0685g

Extraction date:  
11/17/21 02:11:24

Extracted by:  
2821

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

Analytical Batch : GA034233POT

Instrument Used : GA-HPLC-001 2030C Plus

Analyzed Date : 11/17/21 17:27:21

Reviewed On : 11/18/21 16:19:51

Batch Date : 11/17/21 10:42:18

Dilution : 400

Reagent : 092520.28; 110821.R36; 010421.48; 012921.08; 110821.R05; 111021.R58

Consumables : 947.271; 470228-424; 9291.271; 110921; 12035-035CD-035C; RONB32898; 00310305

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  
11/19/21



# 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 : GA1117002-006

Harvest/Lot ID: FBZ100-2111-1039

Batch# : BF-CBD-2111-0830

Sampled : 11/17/21

Ordered : 11/17/21


Sample Size Received : 150 gram

Total Amount : 223 gram

Completed : 11/19/21 Expires: 11/19/22

Sample Method : SOP.T.20.010

Page 2 of 2



Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPINEOL	0.007		0		BORNEOL	0.013	0	0	
CAMPHENE	0.007		0		GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007		0		PULEGONE	0.007	0	0	
3-CARENE	0.007		0		ALPHA-CEDRENE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007		0		ALPHA-HUMULENE	0.007	0	0	
OCIMENE	0.007		0.007		TRANS-NEROLIDOL	0.007	0	0	
EUCALYPTOL	0.007		0.027		GUAJOL	0.007	0	0	
LINALOOL	0.007		0.029		<div>Analyzed by: 2155Weight: 1.0435gExtraction date: 11/17/21 01:11:07Extracted by: 2507</div>				
FENCHONE	0.007		0		<div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div>				
ISOPULEGOL	0.007		0		<div>Analytical Batch : GA034221TER</div>				
ISOBORNEOL	0.007		0		<div>Instrument Used : GA-GCMS-005 QP2020NX</div>				
HEXAHYDROTHYMOL	0.007		6.737		<div>Analyzed Date : N/A</div>				
NEROL	0.007		0		<div>Dilution : 100</div>				
GERANYL ACETATE	0.007		0		<div>Reagent : 091021.R15; 071221.09; 010421.51</div>				
BETA-CARYOPHYLLENE	0.007		0.032		<div>Consumables : 947.271; 470228-424; 9291.271; 110921; 210419634; R0NB32898; 00310305</div>				
VALENCENE	0.007		0		<div>Pipette : N/A</div>				
CEDROL	0.007		0		<div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div>				
CIS-NEROLIDOL	0.007		0						
FARNESENE	0.007		0.008						
CARYOPHYLLENE OXIDE	0.007		0						
ALPHA-BISABOLOL	0.007		0.015						
ALPHA-PINENE	0.007		0						
SABINENE	0.007		0						
BETA-PINENE	0.007		0						
ALPHA-TERPINENE	0.007		0						
LIMONENE	0.007		0						
GAMMA-TERPINENE	0.007		0						
TERPINOLENE	0.007		0						
SABINENE HYDRATE	0.007		0						
FENCHYL ALCOHOL	0.007		0						
CAMPHOR	0.013		1.252						
Total (%)			8.077						