



# Certificate of Analysis

**COMPLIANCE FOR RETAIL**

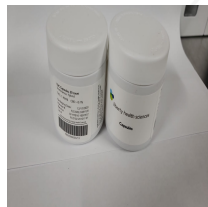
**Sample:** GA01222003-003  
**Harvest/Lot ID:** FCZ102-201217-01  
**Batch#:** CF-HYB10-100720-2  
**Seed to Sale#** FCZ102-201217-01  
**Batch Date:** 12/17/20  
**Sample Size Received:** 66 gram  
**Total Amount:** 1020 units  
**Retail Product Size:** 0.57012  
**Ordered:** 12/22/20  
**Sampled:** 12/22/20  
**Completed:** 07/22/21  
**Sampling Method:** SOP.T.20.010

Jul 22, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US

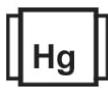
**PASSED**

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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 : 247.354 mg


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

/Container : 1.222 mg


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

Total Cannabinoids/Container : 256.918 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	0.019	0.007	0.007	0.011	1.402	0	0.013	0.027
mg/unit	0.001	0.001	0.001	0.001	0.001	0.001	0.001		0.001	0.001	0.001
LOD	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
1541

Weight:  
2.8110g

Extraction date:  
12/28/20 10:12:49

Extracted by:  
1791

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

Analytical Batch : GA020504POT

Instrument Used : GA-HPLC-001 2030C Plus

Analyzed Date : 12/28/20 16:58:18

Reviewed On : 12/30/20 09:52:36  
Batch Date : 12/28/20 10:27:40

Dilution : 40

Reagent : 110520.05; 092920.33; 122220.R07; 110920.R17

Consumables : 280630187; 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  
07/22/21



# 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 : GA01222003-003

Harvest/Lot ID: FCZ102-201217-01

Batch# : CF-HYB10-100720-2

Sampled : 12/22/20

Ordered : 12/22/20

Sample Size Received : 66 gram

Total Amount : 1020 units

Completed : 07/22/21 Expires: 07/22/22

Sample Method : SOP.T.20.010

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## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPENEOL	0.007	0	0		BORNEOL	0.013	0	0	
CAMPENE	0.007	0	0		GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	0	0		PULEGONE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0	0		ALPHA-CEDRENE	0.007	0	0	
3-CARENE	0.007	0	0		ALPHA-HUMULENE	0.007	0.125	0.022	
OCIMENE	0.007	0	0		TRANS-NEROLIDOL	0.007	0	0	
EUCALYPTOL	0.007	0	0		GUAJOL	0.007	0	0	
LINALOOL	0.007	0	0						
FENCHONE	0.007	0	0						
ISOPULEGOL	0.007	0	0						
ISOBORNEOL	0.007	0	0						
HEXAHYDROTHYMOL	0.007	0	0						
NEROL	0.007	0	0						
GERANYL ACETATE	0.007	0	0						
BETA-CARYOPHYLLENE	0.007	0.005	0						
VALENCENE	0.007	0	0						
CIS-NEROLIDOL	0.007	0	0						
CARYOPHYLLENE OXIDE	0.007	0	0						
CEDROL	0.007	0	0						
FARNESENE	0.007	0	0						
ALPHA-BISABOLOL	0.007	0	0						
ALPHA-PINENE	0.007	0	0						
SABINENE	0.007	0	0						
BETA-PINENE	0.007	0	0						
ALPHA-TERPINENE	0.007	0	0						
LIMONENE	0.007	0	0						
GAMMA-TERPINENE	0.007	0	0						
TERPINOLENE	0.007	0	0						
SABINENE HYDRATE	0.007	0	0						
FENCHYL ALCOHOL	0.007	0	0						
CAMPHOR	0.013	0	0						

Total (%)

Analyzed by: 2155 Weight: 1.1002g Extraction date: 12/23/20 06:12:23 Extracted by: 2206  
 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL  
 Analytical Batch : GA020343TER  
 Instrument Used : GA-GCMS-002 QP2010S  
 Analyzed Date : 12/28/20 07:33:59  
 Dilution : 10  
 Reagent : 060920.22  
 Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 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.