



# Certificate of Analysis

**COMPLIANCE FOR RETAIL**

**Sample:** GA10413002-002  
**Harvest/Lot ID:** FOZ102-210402-01  
**Batch#:** OSF-HYB-032621  
**Seed to Sale#** FOZ102-210402-01  
**Batch Date:** 04/02/21  
**Sample Size Received:** 87.6 gram  
**Total Amount:** 480 gram  
**Retail Product Size:** 29.2  
**Ordered :** 04/13/21  
**Sampled :** 04/13/21  
**Completed:** 04/19/21  
**Sampling Method:** SOP.T.20.010

Apr 19, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US

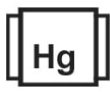

**PASSED**

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**PRODUCT IMAGE**


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 : 297.662 mg


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

/Container : 1.635 mg


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

Total Cannabinoids/Container : 315.947 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	0.031	0.005	0.007	0.025	1.019	0	0	0
mg/g	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
LOD	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
2338

Weight:  
3.0038g

Extraction date:  
04/13/21 06:04:06

Extracted by:  
2206

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

Analytical Batch : GA024956POT

Instrument Used : GA-HPLC-001 2030C Plus (Carl)

Analyzed Date : 04/14/21 07:48:04

Reviewed On : 04/16/21 10:38:02

Batch Date : 04/13/21 10:05:16

Dilution : 40

Reagent : 010421.50; 021821.03; 041221.R12; 041221.R05

Consumables : 282066106; 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  
 04/19/21



# 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 : GA10413002-002  
 Harvest/Lot ID: FOZ102-210402-01

 Batch# : OSF-HYB-032621 Sample Size Received : 87.6 gram  
 Sampled : 04/13/21 Total Amount : 480 gram  
 Ordered : 04/13/21 Completed : 04/19/21 Expires: 04/19/22  
 Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPHENE	0.007		0		TERPINEOL	0.007	0	0	
BETA-MYRCENE	0.007		0		GERANIOL	0.007	0	0	
ALPHA-PHELLANDRENE	0.007		0		PULEGONE	0.007	0	0	
3-CARENE	0.007		0		ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007		0		ALPHA-HUMULENE	0.007	0.18	0.018	
EUCALYPTOL	0.007		0		TRANS-NEROLIDOL	0.007	0	0	
LINALOOL	0.007		0		GUAJOL	0.007	0.22	0.022	
FENCHONE	0.007		0		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOPULEGOL	0.007		0		Analytical Batch : GA024958TER				
ISOBORNEOL	0.007		0		Instrument Used : GA-GCMS-002 QP2010S				
HEXAHYDROTHYMOL	0.007		0.077		Analyzed Date : N/A				
NEROL	0.007		0		Dilution : 10				
GERANYL ACETATE	0.007		0		Reagent : 010421.36; 010421.50; 021121.36				
BETA-CARYOPHYLLENE	0.007		0.006		Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042				
VALENCENE	0.007		0		Pipette : N/A				
CIS-NEROLIDOL	0.007		0		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
CARYOPHYLLENE OXIDE	0.007		0						
CEDROL	0.007		0						
FARNESENE	0.007		0						
ALPHA-BISABOLOL	0.007		0.022						
ALPHA-PINENE	0.007		0						
SABINENE	0.007		0						
BETA-PINENE	0.007		0						
ALPHA-TERPINENE	0.007		0						
LIMONENE	0.007		0.013						
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						
Total (%)									