



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: DA10104005-008  
Harvest/Lot ID: FSF137Q-201030-01-R2  
Batch#: BUB-SHAKE-102720-R2  
Seed to Sale# FSF137Q-201030-01-R2  
Batch Date: 10/30/20  
Sample Size Received: 42 gram  
Total Amount: 1276 units  
Retail Product Size: 7  
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 : 955.222 mg



Total CBD

**0%**

/Container : 3.561 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 1154.16 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA	TOTAL CANNABINOIDS	TOTAL CBD	TOTAL THC
%	0	0.058	0.873	0.14	0	0	0	1.682	0.032	0.061	13.642	0	0	0
mg/unit	0	0.001	0.001	0.001	0	0.001	0.001	0.001	0.001	0.001	0.001	0	0	0
LOD	0.001	0.001	0.001	0.001	0	0.001	0.001	0.001	0.001	0.001	0.001	0	0	0
%	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Analyzed by:  
450

Weight:  
0.2073g

Extraction date:  
01/04/21 11:01:27

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 12:45:43

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 : DA10104005-008

Harvest/Lot ID: FSF137Q-201030-01-R2

 Batch# : BUB-SHAKE-102720-  
 R2

Sampled : 12/31/20

Ordered : 12/31/20


Sample Size Received : 42 gram

Total Amount : 1276 units

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

Sample Method : SOP.T.20.010

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# Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
ALPHA-HUMULENE	0.007		0.019		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		0.008		3-CARENE	0.007	0	0	
TERPINOLENE	0.007		0		CIS-NEROLIDOL	0.007	0	0	
BETA-CARYOPHYLLENE	0.007		0.041		ISOPULEGOL	0.007	0	0	
TRANS-NEROLIDOL	0.007		0.013						
VALENCENE	0.007		0		Analyzed by:	Weight:	Extraction date:	Extracted by:	
ALPHA-BISABOLOL	0.007		0		1351	1.0262g	01/04/21 11:01:30	1351	
CARYOPHYLLENE OXIDE	0.007		0		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
CAMPHOR	0.013		0		Analytical Batch : DA020683TER				
CAMPHENE	0.007		0		Instrument Used : DA-GCMS-004				
BORNEOL	0.013		0.005		Analyzed Date : 01/05/21 10:09:46				
BETA-PINENE	0.007		0		Dilution : 10				
BETA-MYRCENE	0.007		0.02		Reagent : 010421.R12; 010421.R13; 111320.R15; 120820.R29				
ALPHA-TERPINENE	0.007		0		Consumables : 287035261; 12499404; 76262-590				
ALPHA-PINENE	0.007		0		Pipette : N/A				
CEDROL	0.007		0		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
PULEGONE	0.007		0						
ALPHA-PHELLANDRENE	0.007		0						
OCIMENE	0.007		0.008						
NEROL	0.007		0						
LINALOOL	0.007		0						
LIMONENE	0.007		0.006						
GUAJOL	0.007		0.001						
GERANYL ACETATE	0.007		0						
GERANIOL	0.007		0						
GAMMA-TERPINENE	0.007		0						
FENCHONE	0.007		0						
FARNESENE	0.007		0.292						
Total (%)									