



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10330002-007
Harvest/Lot ID: FCS137-210323-01
Batch#: BUB-103V2-122220
Seed to Sale# FCS137-210323-01
Batch Date: 03/23/21
Sample Size Received: 16 gram
Total Amount: 519 gram
Retail Product Size: 1
Ordered : 03/30/21
Sampled : 03/30/21
Completed: 04/02/21
Sampling Method: SOP.T.20.010

PASSED

Apr 02, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



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PRODUCT IMAGE

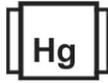


Mylar Bag

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 : 667.188 mg



Total CBD

0%

/Container : 1.603 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 802.582 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0.182	4.913	1.128	0	0.162	0	18.884	0	0.443	54.542
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:
0.102g

Extraction date:
03/30/21 05:03:37

Extracted by:
2507

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA024431POT
Instrument Used : GA-HPLC-001 2030C Plus (Carl)
Analyzed Date : 03/31/21 12:44:22

Reviewed On : 03/31/21 17:12:11
Batch Date : 03/30/21 08:35:36

Dilution : 40
Reagent : 021821.10; 032521.R11; 032421.R16; 010421.51
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

04/02/21

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 : GA10330002-007
Harvest/Lot ID: FCS137-210323-01

Batch# : BUB-103V2-122220 Sample Size Received : 16 gram
Sampled : 03/30/21 Total Amount : 519 gram
Ordered : 03/30/21 Completed : 04/02/21 Expires: 04/02/22
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	0.159		
ALPHA-PHELLANDRENE	0.007	0		
3-CARENE	0.007	0		
OCIMENE	0.007	0.02		
EUCALYPTOL	0.007	0.022		
LINALOOL	0.007	0.404		
FENCHONE	0.007	0		
ISOPULEGOL	0.007	0		
ISOBORNEOL	0.007	0		
HEXAHYDROTHYMOL	0.007	0.004		
NEROL	0.007	0.065		
GERANYL ACETATE	0.007	0		
BETA-CARYOPHYLLENE	0.007	0.886		
VALENCENE	0.007	0		
CIS-NEROLIDOL	0.007	0		
CARYOPHYLLENE OXIDE	0.007	0		
CEDROL	0.007	0		
FARNESENE	0.007	1.864		
ALPHA-BISABOLOL	0.007	0.014		
ALPHA-PINENE	0.007	0		
SABINENE	0.007	0		
BETA-PINENE	0.007	0		
ALPHA-TERPINENE	0.007	0		
LIMONENE	0.007	0.193		
GAMMA-TERPINENE	0.007	0		
TERPINOLENE	0.007	0		
SABINENE HYDRATE	0.007	0.002		
FENCHYL ALCOHOL	0.007	0.067		
CAMPHOR	0.013	0		
BORNEOL	0.013	0		

Terpenes	LOD (%)	mg/g	%	Result (%)
TERPINEOL	0.007	0.36	0.036	
GERANIOL	0.007	0.17	0.017	
PULEGONE	0.007	0	0	
ALPHA-CEDRENE	0.007	0	0	
ALPHA-HUMULENE	0.007	2.14	0.214	
TRANS-NEROLIDOL	0.007	0.61	0.061	
GUAIOL	0.007	0	0	

Analyzed by: 1541 Weight: 0.9907g Extraction date: 03/30/21 03:03:23 Extracted by: 2206

Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL
Analytical Batch : GA024433TER Reviewed On : 03/31/21 09:22:18
Instrument Used : GA-GCMS-005 QP2020NX Batch Date : 03/30/21 08:41:56
Analyzed Date : 03/30/21 18:07:41

Dilution : 10
Reagent : 010421.40; 010421.51
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 (%)