



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10309002-001
Harvest/Lot ID: FCS137-210304-01
Batch#: BUB-86.1-082420
Seed to Sale# FCS137-210304-01
Batch Date: 03/04/21
Sample Size Received: 16 gram
Total Amount: 539 gram
Retail Product Size: 1
Ordered: 03/09/21
Sampled: 03/09/21
Completed: 03/15/21
Sampling Method: SOP.T.20.010

Mar 15, 2021 | Liberty Health Sciences, FL
18770 N CR 225
Gainesville, FL, 32609, US



PASSED

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PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents PASSED	 Filtration PASSED	 Water Activity PASSED	 Moisture NOT TESTED	 Terpenes TESTED

	Cannabinoid	PASSED
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	Total THC 0% /Container : 716.313 mg		Total CBD 0% /Container : 1.562 mg		Total Cannabinoids 0% Total Cannabinoids/Container : 844.111 mg
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	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0.178	3.465	0.898	0	0	0.306	18.598	0	0.492	60.47
mg/g	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001
LOD	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 2338 Weight: 0.1075g Extraction date: N/A Extracted by: N/A
 Analysis Method : SOP.T.40.031, SOP.T.30.031 Reviewed On : 03/10/21 17:58:59
 Analytical Batch : GA023593POT Batch Date : 03/09/21 13:31:09
 Instrument Used : GA-HPLC-001 2030C Plus (Carl) Dilution : 40
 Analyzed Date : 03/10/21 07:32:06 Reagent : 021121.36; 030221.R13; 030921.R23
 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
03/15/21



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 : GA10309002-001

Harvest/Lot ID: FCS137-210304-01

Batch# : BUB-86.1-082420

Sampled : 03/09/21

Ordered : 03/09/21

Sample Size Received : 16 gram

Total Amount : 539 gram

Completed : 03/15/21 Expires: 03/15/22

Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPENE	0.007	0			TERPINEOL	0.007	0.73	0.073	
BETA-MYRCENE	0.007	0.012			GERANIOL	0.007	0.47	0.047	
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	2.06	0.206	
EUCALYPTOL	0.007	0			TRANS-NEROLIDOL	0.007	1.28	0.128	
LINALOOL	0.007	0.125			GUAJOL	0.007	0.74	0.074	
FENCHONE	0.007	0							
ISOPULEGOL	0.007	0							
ISOBORNEOL	0.007	0							
HEXAHYDROTHYMOL	0.007	0							
NEROL	0.007	0							
GERANYL ACETATE	0.007	0							
BETA-CARYOPHYLLENE	0.007	0.526							
VALENCENE	0.007	0							
CIS-NEROLIDOL	0.007	0							
CARYOPHYLLENE OXIDE	0.007	0.055							
CEDROL	0.007	0							
FARNESENE	0.007	2.442							
ALPHA-BISABOLOL	0.007	0.057							
ALPHA-PINENE	0.007	0							
SABINENE	0.007	0							
BETA-PINENE	0.007	0							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0.05							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0.007							
SABINENE HYDRATE	0.007	0.031							
FENCHYL ALCOHOL	0.007	0.064							
CAMPHOR	0.013	0.007							
BORNEOL	0.013	0							
Total (%)									

Terpenes	LOD (%)	mg/g	%	Result (%)
TERPINEOL	0.007	0.73	0.073	
GERANIOL	0.007	0.47	0.047	
PULEGONE	0.007	0	0	
ALPHA-CEDRENE	0.007	0	0	
ALPHA-HUMULENE	0.007	2.06	0.206	
TRANS-NEROLIDOL	0.007	1.28	0.128	
GUAJOL	0.007	0.74	0.074	

Analyzed by: 1541 Weight: 0.98g Extraction date: 03/11/21 12:03:11 Extracted by: 2206

Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL
 Analytical Batch : GA023592TER Reviewed On : 03/13/21 07:23:46
 Instrument Used : GA-GCMS-002 QP2010S Batch Date : 03/09/21 13:30:23
 Analyzed Date : 03/12/21 07:24:45

Dilution : 10
 Reagent : 010421.38
 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.