



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10106002-007
Harvest/Lot ID: CLFV104-201231-01
Batch#: DF-TRCO-122220
Seed to Sale# CLFV104-201231-01
Batch Date: 12/31/20
Sample Size Received: 15.5 gram
Total Amount: 1928 units
Retail Product Size: .5007
Ordered: 01/06/21
Sampled: 01/06/21
Completed: 04/30/21
Sampling Method: SOP.T.20.010

Apr 30, 2021 | Liberty Health Sciences, FL
18770 N CR 225
Gainesville, FL, 32609, US

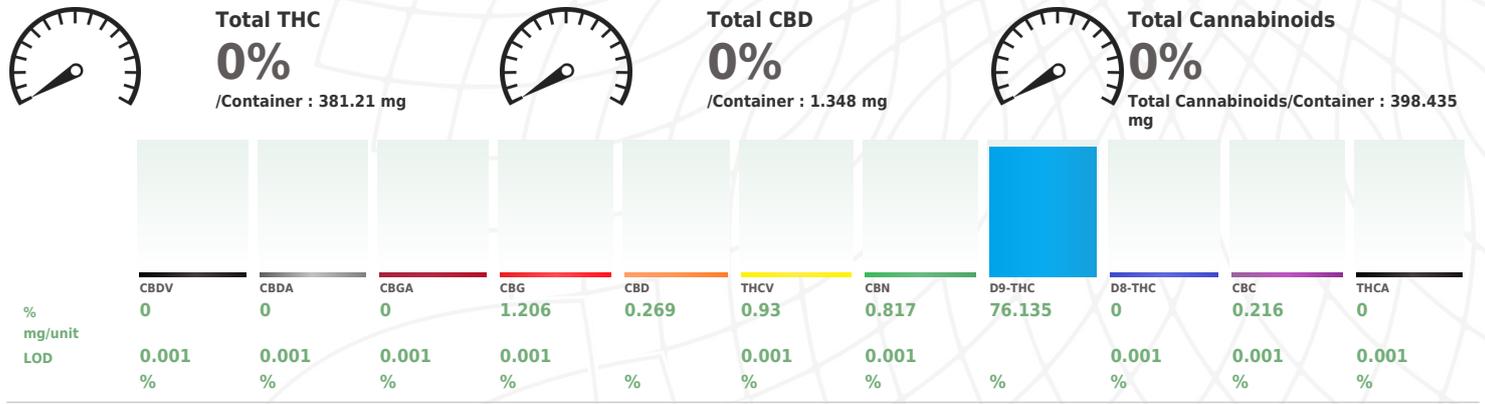


PASSED

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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

Box	Cannabinoid	PASSED
		



Analyzed by: 2338 Weight: 0.1003g Extraction date: 01/07/21 10:01:59 Extracted by: 1791
 Analysis Method : SOP.T.40.031, SOP.T.30.031 Reviewed On : 01/11/21 15:10:25
 Analytical Batch : GA020860POT Batch Date : 01/07/21 10:21:27
 Instrument Used : GA-HPLC-001 2030C Plus (Carl) Dilution : 40
 Analyzed Date : 01/08/21 07:01:34 Reagent : 110519.13; 010621.04; 123120.R06; 010521.R03
 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
04/30/21



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 : GA10106002-007
Harvest/Lot ID: CLFV104-201231-01

Batch# : DF-TRCO-122220 Sample Size Received : 15.5 gram
Sampled : 01/06/21 Total Amount : 1928 units
Ordered : 01/06/21 Completed : 04/30/21 Expires: 04/30/22
Sample Method : SOP.T.20.010

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Terpenes				TESTED			
Terpenes	LOD (%)	mg/unit %	Result (%)	Terpenes	LOD (%)	mg/unit %	Result (%)
CAMPHENE	0.007	0		TERPINEOL	0.007	0.956 0.191	
BETA-MYRCENE	0.007	2.114		GERANIOL	0.007	0.39 0.078	
ALPHA-PHELLANDRENE	0.007	0		PULEGIONE	0.007	0 0	
3-CARENE	0.007	0		ALPHA-CEDRENE	0.007	0 0	
OCIMENE	0.007	0		ALPHA-HUMULENE	0.007	1.226 0.245	
EUCALYPTOL	0.007	0		TRANS-NEROLIDOL	0.007	0.18 0.036	
LINALOOL	0.007	0.15		GUAJOL	0.007	0 0	
FENCHONE	0.007	0					
ISOPULEGOL	0.007	0		Analyzed by: 2135 Weight: 1.0059g Extraction date: 01/11/21 10:01:47 Extracted by: 1541 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA020938TER Reviewed On : 01/12/21 17:44:32 Instrument Used : GA-GCMS-002 QP20105 Batch Date : 01/08/21 17:55:07 Analyzed Date : 01/11/21 15:24:45 Dilution : 10 Reagent : 122320.03 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.			
ISOBORNEOL	0.007	0					
HEXAHYDROTHYMOL	0.007	0					
NEROL	0.007	0					
GERANYL ACETATE	0.007	0					
BETA-CARYOPHYLLENE	0.007	1.54					
VALENCENE	0.007	0.065					
CIS-NEROLIDOL	0.007	0					
CARYOPHYLLENE OXIDE	0.007	0.028					
CEDROL	0.007	0					
FARNESENE	0.007	0					
ALPHA-BISABOLOL	0.007	0.038					
ALPHA-PINENE	0.007	1.214					
SABINENE	0.007	0.007					
BETA-PINENE	0.007	0.396					
ALPHA-TERPINENE	0.007	0					
LIMONENE	0.007	0.427					
GAMMA-TERPINENE	0.007	0					
TERPINOLENE	0.007	0.012					
SABINENE HYDRATE	0.007	0					
FENCHYL ALCOHOL	0.007	0.053					
CAMPHOR	0.013	0.011					
BORNEOL	0.013	0					
Total (%)							