



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10716002-007
Harvest/Lot ID: HVFV102-210714-01
Batch#: DF-GRCR-070821
Seed to Sale# HVFV102-210714-01
Batch Date: 07/14/21
Sample Size Received: 16 gram
Total Amount: 1195 gram
Retail Product Size: 1
Ordered: 07/16/21
Sampled: 07/16/21
Completed: 07/20/21
Sampling Method: SOP.T.20.010

Jul 20, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



PASSED

Pages 1 of 2

PRODUCT IMAGE



Box

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 : 789.169 mg



Total CBD

0%

/Container : 2.317 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 832.552 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	2.071	0.231	0.395	0.985	78.916	0	0.654	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	%	%	%	%	%	%	%	%	%	%	%

Analized by:
2338

Weight:
0.1009g

Extraction date:
07/16/21 04:07:35

Extracted by:
2206

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

Analytical Batch : GA028695POT

Instrument Used : GA-HPLC-001 2030C Plus

Analyzed Date : N/A

Reviewed On : 07/19/21 10:58:07

Batch Date : 07/16/21 11:03:05

Dilution : 40

Reagent : 071621.R03; 060821.R02; 060220.R16; 010421.50; 060821.12

Consumables : 282066106; VAV-09-1020; H20364; 200111; 12035-032CD-032C; 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
07/20/21



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 : GA10716002-007

Harvest/Lot ID: HVFV102-210714-01

Batch# : DF-GRCR-070821

Sampled : 07/16/21

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Page 2 of 2

<div> Terpenes</div>				TESTED					
Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPINEOL	0.007	0			BORNEOL	0.013	0	0	
CAMPHENE	0.007	0			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	1.166			PULEGONE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0			ALPHA-CEDRENE	0.007	0	0	
3-CARENE	0.007	0.007			ALPHA-HUMULENE	0.007	2.25	0.225	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0	0	
EUCALYPTOL	0.007	0			GUAJOL	0.007	0	0	
LINALOOL	0.007	0.176			Analyzed by: 2155 Weight: 0.995g Extraction date: 07/16/21 12:07:41 Extracted by: 2821				
FENCHONE	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOPULEGOL	0.007	0			Analytical Batch : GA028697TER Reviewed On : 07/19/21 12:55:17				
ISOBORNEOL	0.007	0			Instrument Used : GA-GCMS-002 QP2010S Batch Date : 07/16/21 11:08:44				
HEXAHYDROTHYMOL	0.007	0			Analyzed Date : 07/16/21 15:58:23				
NEROL	0.007	0			Dilution : 10				
GERANYL ACETATE	0.007	0			Reagent : 042921.R11; 010421.39; 010421.51				
BETA-CARYOPHYLLENE	0.007	1.155			Consumables : VAV-09-1020; 470228-424; 9291.1978; 200111; 190611634; R0NB32898				
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	0.053							
CEDROL	0.007	0							
FARNESENE	0.007	0.009							
ALPHA-BISABOLOL	0.007	0.164							
ALPHA-PINENE	0.007	0.265							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.116							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0.449							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.024							
CAMPHOR	0.013	0							
Total (%)									