



# 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

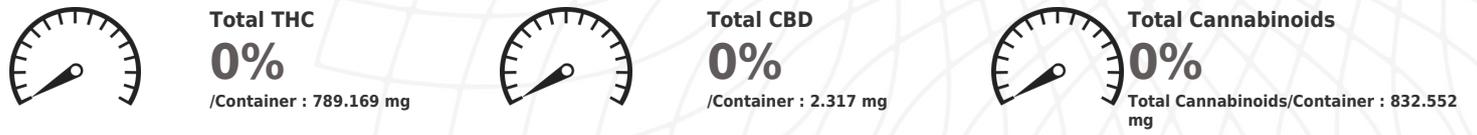


**PASSED**

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

Box	Cannabinoid	<b>PASSED</b>
		



	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	%	%	%	%	%	%	%	%	%	%	%

Analyzed 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      Reviewed On : 07/19/21 10:58:07  
 Instrument Used : GA-HPLC-001 2030C Plus      Batch Date : 07/16/21 11:03:05  
 Analyzed Date : N/A  
 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.

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**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 Sample Size Received : 16 gram  
Sampled : 07/16/21 Total Amount : 1195 gram  
Ordered : 07/16/21 Completed : 07/20/21 Expires: 07/20/22  
Sample Method : SOP.T.20.010

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## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPENEOL	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							
FENCHONE	0.007	0			Analized by:	Weight:	Extraction date:	Extracted by:	
ISOPULEGOL	0.007	0			2155	0.995g	07/16/21 12:07:41	2821	
ISOBORNEOL	0.007	0			Analysis Method :	SOP.T.30.061A.FL, SOP.T.40.061A.FL			
HEXAHYDROTHYMOL	0.007	0			Analytical Batch :	GA028697TER			
NEROL	0.007	0			Instrument Used :	GA-GCMS-002 QP2010S			
GERANYL ACETATE	0.007	0			Analized Date :	07/16/21 15:58:23			
BETA-CARYOPHYLLENE	0.007	1.155			Dilution :	10			
VALENCENE	0.007	0			Reagent :	042921.R11; 010421.39; 010421.51			
CIS-NEROLIDOL	0.007	0			Consumables :	VAV-09-1020; 470228-424; 9291.1978; 200111; 190611634; R0NB32898			
CARYOPHYLLENE OXIDE	0.007	0.053			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.				
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 (%)									

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**Miranda MacDonald**  
Lab Director

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Testing 97164

Signature  
07/20/21