



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10917001-002
Harvest/Lot ID: HVFV122-2109-1230
Batch#: DF-TADR-2109-0698
Seed to Sale# HVFV122-2109-1230
Batch Date: 09/10/21
Sample Size Received: 16 gram
Total Amount: 2302 gram
Retail Product Size: 1
Ordered: 09/17/21
Sampled: 09/17/21
Completed: 09/21/21
Sampling Method: SOP.T.20.010

Sep 21, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



PASSED

Pages 1 of 2

PRODUCT IMAGE

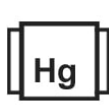


Box

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 : 803.182 mg



Total CBD

0%

/Container : 2.001 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 844.427 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	2.438	0.2	0.341	0.835	80.318	0	0.308	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:
0.101g

Extraction date:
09/20/21 10:09:54

Extracted by:
2507

Analysis Method : SOP.T.40.031, SOP.T.30.031
 Analytical Batch : GA031476POT
 Instrument Used : GA-HPLC-003 2030C PDA
 Analyzed Date : 09/20/21 14:22:28

Reviewed On : 09/21/21 11:23:04
 Batch Date : 09/20/21 08:28:44

Dilution : 40
 Reagent : 092920.16; 060220.R16; 010421.51; 060821.05; 091021.R40; 091521.R51
 Consumables : 947.271; 470228-424; 9291.271; 200721; 12224-108CD-108C; RONB32898
 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
 09/21/21



Certificate of Analysis

PASSED

Liberty Health Sciences, FL

 18770 N CR 225
 Gainesville, FL, 32609, US
 Telephone: (833) 254-4877
 Email: Qualityassurance@libertyhealthsciences.com

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Harvest/Lot ID: HVFV122-2109-1230

Batch# : DF-TADR-2109-0698

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Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPINEOL	0.007		0		BORNEOL	0.013	0.18	0.018	
CAMPHENE	0.007		0.012		GERANIOL	0.007	0.05	0.005	
BETA-MYRCENE	0.007		0.746		PULEGONE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007		0		ALPHA-CEDRENE	0.007	0	0	
3-CARENE	0.007		0.017		ALPHA-HUMULENE	0.007	1.76	0.176	
OCIMENE	0.007		0		TRANS-NEROLIDOL	0.007	0.23	0.023	
EUCALYPTOL	0.007		0		GUAJOL	0.007	0.26	0.026	
LINALOOL	0.007		0.36		Analyzed by: 1541	Weight: 0.9922g	Extraction date: 09/17/21 12:09:50	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 : GA031384TER				
ISOBORNEOL	0.007		0		Instrument Used : GA-GCMS-002 QP2010S				
HEXAHYDROTHYMOL	0.007		0		Reviewed On : 09/21/21 09:54:58				
NEROL	0.007		0		Batch Date : 09/16/21 11:59:16				
GERANYL ACETATE	0.007		0		Analyzed Date : 09/17/21 16:57:46				
BETA-CARYOPHYLLENE	0.007		0.937		Dilution : 10				
VALENCENE	0.007		0		Reagent : 091021.R15; 010421.41; 010421.51				
CIS-NEROLIDOL	0.007		0		Consumables : 947.271; 470228-424; 9291.271; 200721; 12035-035CD-035C; R0NB32898; 00299409				
CARYOPHYLLENE OXIDE	0.007		0.081		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		0.075						
ALPHA-BISABOLOL	0.007		0.181						
ALPHA-PINENE	0.007		0.063						
SABINENE	0.007		0						
BETA-PINENE	0.007		0.174						
ALPHA-TERPINENE	0.007		0						
LIMONENE	0.007		1.291						
GAMMA-TERPINENE	0.007		0						
TERPINOLENE	0.007		0.014						
SABINENE HYDRATE	0.007		0						
FENCHYL ALCOHOL	0.007		0.089						
CAMPHOR	0.013		0						
Total (%)									