



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA20715001-004
Harvest/Lot ID: ENFV101-2207-11826
Batch#: DF-GRAP-2207-11708
Seed to Sale# ENFV101-2207-11826
Batch Date: 07/13/22
Sample Size Received: 16 gram
Total Amount: 439 units
Retail Product Size: 1
Ordered : 07/15/22
Sampled : 07/15/22
Completed: 07/17/22
Sampling Method: SOP.T.20.010

Jul 17, 2022 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



PASSED

Pages 1 of 2

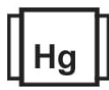
PRODUCT IMAGE



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

87.357%

Total THC/Container : 873.57 mg



Total CBD

0.213%

Total CBD/Container : 2.13 mg



Total Cannabinoids

91%

Total Cannabinoids/Container : 910 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	87.357	ND	0.213	ND	ND	2.359	ND	0.238	0.372	ND	0.461
mg/unit	873.57	ND	2.13	ND	ND	23.59	ND	2.38	3.72	ND	4.61
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001
%		%	%	%	%	%	%	%	%	%	%

Analyzed by:
3404, 3575, 2507, 1541

Weight:
0.0998g

Extraction date:
07/15/22 14:00:47

Extracted by:
3575

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

Analytical Batch : GA046926POT

Instrument Used : GA-HPLC-001 2030C Plus

Analyzed Date : 07/15/22 18:35:32

Reviewed On : 07/16/22 10:32:51

Batch Date : 07/15/22 11:31:40

Dilution : 400

Reagent : 010421.48; 062822.34; 020322.R09; 070222.R02; 062122.R33

Consumables : 947.271; H20364; 9291.271; LLS-00-0005; 12455-202CD-202C; R0NB32898; 000000146137; 944C4 944; 210268; 206639

Pipette : GA-002; GA-146; GA-182; GA-169 (Dispenser)

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 PJLA-
Testing 97164

Signature
07/17/22



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 : GA20715001-004

Harvest/Lot ID: ENFV101-2207-11826

Batch# : DF-GRAP-2207-11708 Sample Size Received : 16 gram

Sampled : 07/15/22 Total Amount : 439 units

Ordered : 07/15/22 Completed : 07/17/22 Expires: 07/17/23

Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPINEOL	0.007	0.28	0.028		BORNEOL	0.013	ND	ND	
CAMPENE	0.007	<0.2	<0.02		GERANIOL	0.007	<0.2	<0.02	
BETA-MYRCENE	0.007	13.46	1.346		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	<0.2	<0.02		ALPHA-CEDRENE	0.007	0.21	0.021	
ALPHA-PHELLANDRENE	0.007	1	0.1		ALPHA-HUMULENE	0.007	1.05	0.105	
OCIMENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	0.46	0.046	
EUCALYPTOL	0.007	ND	ND		GUAJOL	0.007	ND	ND	
LINALOOL	0.007	2.53	0.253		Analyzed by:	Weight:	Extraction date:	Extracted by:	
FENCHONE	0.007	ND	ND		3404, 3655, 2155, 2507, 3303	0.9263g	07/15/22 14:19:23	3655	
ISOPULEGOL	0.007	ND	ND		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOBORNEOL	0.007	<0.2	<0.02		Analytical Batch : GA046925TER				
HEXAHYDROTHYMOL	0.007	<0.2	<0.02		Instrument Used : GA-GCMS-002 QP2010S				
NEROL	0.007	ND	ND		Analyzed Date : 07/15/22 17:55:15				
GERANYL ACETATE	0.007	0.2	0.02		Dilution : 50				
BETA-CARYOPHYLLENE	0.007	5.27	0.527		Reagent : 060922.R22; 050322.48; 010421.48				
VALENCENE	0.007	2.53	0.253		Consumables : 947.109; H20364; 9291.271; LLS-00-0005; 89012-780; RONB32898; 000000146137; 210268; 212516				
CIS-NEROLIDOL	0.007	ND	ND		Pipette : GA-151; GA-153; GA-150; GA-211 Dispenser				
CEDROL	0.007	ND	ND		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
CARYOPHYLLENE OXIDE	0.007	ND	ND						
FARNESENE		1.13	0.113						
ALPHA-BISABOLOL	0.007	1.13	0.113						
ALPHA-PINENE	0.007	6.19	0.619						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	2.82	0.282						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	3.44	0.344						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	0.34	0.034						
CAMPHOR	0.013	ND	ND						
Total (%)				4.204					