



Certificate of Analysis

COMPLIANCE FOR RETAIL
Sample: GA10319002-003
Harvest/Lot ID: LHSFV101-210316-01
Batch#: DF-GRAP-030421
Seed to Sale# LHSFV101-210316-01
Batch Date: 03/16/21
Sample Size Received: 16 gram
Total Amount: 1978 gram
Retail Product Size: 1.0125
Ordered: 03/19/21
Sampled: 03/19/21
Completed: 03/24/21
Sampling Method: SOP.T.20.010

Mar 24, 2021 | Liberty Health Sciences, FL

18770 N CR 225

Gainesville, FL, 32609, US

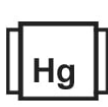

PASSED

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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 : 802.1 mg


Total CBD
0%

/Container : 3.007 mg


Total Cannabinoids
0%

Total Cannabinoids/Container : 848.004 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.946	0.296	0.463	1.347	79.095	0	0.461	0.142
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:
0.1043g

Extraction date:
03/19/21 05:03:34

Extracted by:
2206

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

Analytical Batch : GA024080POT

Instrument Used : GA-HPLC-001 2030C Plus (Carl)

Analyzed Date : 03/22/21 07:43:14

Reviewed On : 03/22/21 15:51:09

Batch Date : 03/19/21 15:54:38

Dilution : 40

Reagent : 010621.33; 031921.R08; 031521.R34

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
03/24/21



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 : GA10319002-003

Harvest/Lot ID: LHSFV101-210316-01

Batch# : DF-GRAP-030421

Sampled : 03/19/21

Ordered : 03/19/21

Sample Size Received : 16 gram

Total Amount : 1978 gram

Completed : 03/24/21 Expires: 03/24/22

Sample Method : SOP.T.20.010

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Terpenes				TESTED			
Terpenes	LOD (%)	mg/g %	Result (%)	Terpenes	LOD (%)	mg/g %	Result (%)
CAMPHENE	0.007	0		TERPINEOL	0.007	1.15 0.115	
BETA-MYRCENE	0.007	1.312		GERANIOL	0.007	0.62 0.062	
ALPHA-PHELLANDRENE	0.007	0		PULEGONE	0.007	0 0	
3-CARENE	0.007	0		ALPHA-CEDRENE	0.007	0.25 0.025	
OCIMENE	0.007	0		ALPHA-HUMULENE	0.007	1.51 0.151	
EUCALYPTOL	0.007	0		TRANS-NEROLIDOL	0.007	0.93 0.093	
LINALOOL	0.007	0.235		GUAIOL	0.007	0.39 0.039	
FENCHONE	0.007	0		Analyzed by: 2155 Weight: 0.9997g Extraction date: 03/19/21 04:03:39 Extracted by: 1791			
ISOPULEGOL	0.007	0		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA024071TER Instrument Used : GA-GCMS-002 QP2010S Analyzed Date : 03/22/21 14:45:40 Reviewed On : 03/23/21 13:12:35 Batch Date : 03/19/21 11:44:18			
ISOBORNEOL	0.007	0		Dilution : 10 Reagent : 010421.40 Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179); P734631 / P7411895; 16466-042 Pipette : N/A			
HEXAHYDROTHYMOL	0.007	0.007		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.			
NEROL	0.007	0					
GERANYL ACETATE	0.007	0.029					
BETA-CARYOPHYLLENE	0.007	0.67					
VALENCENE	0.007	0.261					
CIS-NEROLIDOL	0.007	0					
CARYOPHYLLENE OXIDE	0.007	0.058					
CEDROL	0.007	0					
FARNESENE	0.007	1.164					
ALPHA-BISABOLOL	0.007	0.053					
ALPHA-PINENE	0.007	0.668					
SABINENE	0.007	0.014					
BETA-PINENE	0.007	0.285					
ALPHA-TERPINENE	0.007	0.017					
LIMONENE	0.007	0.344					
GAMMA-TERPINENE	0.007	0.014					
TERPINOLENE	0.007	0.02					
SABINENE HYDRATE	0.007	0					
FENCHYL ALCOHOL	0.007	0.051					
CAMPHOR	0.013	0.007					
BORNEOL	0.013	0					
Total (%)							