



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10428002-001
Harvest/Lot ID: LHSFV101-210422-01
Batch#: DF-GRAP-041221
Seed to Sale# LHSFV101-210422-01
Batch Date: 04/22/21
Sample Size Received: 15.4992 gram
Total Amount: 1545 gram
Retail Product Size: 0.9687
Ordered: 04/28/21
Sampled: 04/28/21
Completed: 04/30/21
Sampling Method: SOP.T.20.010

Apr 30, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



PASSED

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PRODUCT IMAGE

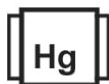


Box

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 : 720.545 mg



Total CBD

0%

/Container : 2.353 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 760.365 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	2.019	0.242	0.379	1.468	74.382	0	0	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:
0.1051g

Extraction date:
04/28/21 01:04:34

Extracted by:
2507

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA025531POT
Instrument Used : GA-HPLC-001 2030C Plus (Carl)
Analized Date : 04/29/21 08:20:49

Reviewed On : 04/30/21 10:44:41
Batch Date : 04/28/21 08:21:16

Dilution : 40
Reagent : 010421.50; 030921.12; 100920.01; 100920.02
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
04/30/21



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 : GA10428002-001

Harvest/Lot ID: LHSFV101-210422-01

Batch# : DF-GRAP-041221

Sampled : 04/28/21

Ordered : 04/28/21


Sample Size Received : 15.4992 gram

Total Amount : 1545 gram

Completed : 04/30/21 Expires: 04/30/22

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	0.82	0.082	
BETA-MYRCENE	0.007		1.213		GERANIOL	0.007	0.48	0.048	
ALPHA-PHELLANDRENE	0.007		0		PULEGONE	0.007	0	0	
3-CARENE	0.007		0		ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007		0		ALPHA-HUMULENE	0.007	1.07	0.107	
EUCALYPTOL	0.007		0		TRANS-NEROLIDOL	0.007	0.69	0.069	
LINALOOL	0.007		0.205		GUAJOL	0.007	0.11	0.011	
FENCHONE	0.007		0		<div>Analyzed by: 2155Weight: 1.0036gExtraction date: 04/29/21 10:04:51Extracted by: 1791</div>				
ISOPULEGOL	0.007		0		<div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div>				
ISOBORNEOL	0.007		0		<div>Analytical Batch : GA025542TERReviewed On : 04/30/21 14:18:18</div>				
HEXAHYDROTHYMOL	0.007		0		<div>Instrument Used : GA-GCMS-002 QP2010SBatch Date : 04/28/21 09:07:39</div>				
NEROL	0.007		0		<div>Analyzed Date : 04/30/21 08:48:48</div>				
GERANYL ACETATE	0.007		0.011		<div>Dilution : 10</div>				
BETA-CARYOPHYLLENE	0.007		0.59		<div>Reagent : 010421.36; 010421.50; 021121.36</div>				
VALENCENE	0.007		0.249		<div>Consumables : 282066106; VAV-09-1020 Lot# 947.077; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179); P734631 / P7411895; 16466-042</div>				
CIS-NEROLIDOL	0.007		0		<div>Pipette : N/A</div>				
CARYOPHYLLENE OXIDE	0.007		0.028		<div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div>				
CEDROL	0.007		0						
FARNESENE	0.007		1.067						
ALPHA-BISABOLOL	0.007		0.009						
ALPHA-PINENE	0.007		0.612						
SABINENE	0.007		0						
BETA-PINENE	0.007		0.242						
ALPHA-TERPINENE	0.007		0						
LIMONENE	0.007		0.329						
GAMMA-TERPINENE	0.007		0						
TERPINOLENE	0.007		0						
SABINENE HYDRATE	0.007		0						
FENCHYL ALCOHOL	0.007		0.026						
CAMPHOR	0.013		0						
BORNEOL	0.013		0						
Total (%)									