



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA11014002-002
Harvest/Lot ID: LHSFV101-2110-3003
Batch#: DF-GRAP-2109-2347
Cultivation Facility:
Processing Facility:
Distributor Facility:
Source Facility:
Seed to Sale# LHSFV101-2110-3003
Batch Date: 10/07/21
Sample Size Received: 16 gram
Total Amount: 2121 gram
Retail Product Size: 1 gram
Ordered: 10/14/21
Sampled: 10/14/21
Completed: 10/16/21
Sampling Method: SOP.T.20.010

Oct 16, 2021 | Liberty Health Sciences, FL
 18770 N CR 225
 Gainesville, FL, 32609, US



PASSED

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PRODUCT IMAGE

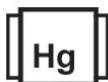


Plastic Box

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 : 756.61 mg



Total CBD
0%

/Container : 43.69 mg



Total Cannabinoids
0%

Total Cannabinoids/Container : 832.55 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.784	4.369	0.489	0.479	75.661	0	0.473	0
mg/g											
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%											

Analyzed by:
2338

Weight:
0.0996g

Extraction date:
10/14/21 01:10:05

Extracted by:
3057

Analysis Method : SOP.T.40.031, SOP.T.30.031
 Analytical Batch : GA032596POT
 Instrument Used : GA-HPLC-003 2030C PDA
 Running on : 10/14/21 16:18:15

Reviewed On : 10/15/21 12:24:47
 Batch Date : 10/14/21 10:32:59

Dilution : 400
 Reagent : 060220.R16; 010421.48; 092821.15; 101421.R16; 101421.R18
 Consumables : 947.271; 470228-424; 9291.271; 200721; 12035-032CD-032C; RONB32898; 000310748
 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

10/16/21

Signed On



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 : GA11014002-002

Harvest/Lot ID: LHSFV101-2110-3003

 Batch# : DF-GRAP-2109-2347 Sample Size Received : 16 gram
 Sampled : 10/14/21 Total Amount : 2121 gram
 Ordered : 10/14/21 Completed : 10/16/21 Expires: 10/16/22
 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	0	
CAMPHENE	0.007	0			GERANIOL	0.007	0.14	0.014	
BETA-MYRCENE	0.007	1.405			PULEGONE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-CEDRENE	0.007	0.01	0.001	
ALPHA-PHELLANDRENE	0.007	0			ALPHA-HUMULENE	0.007	1.09	0.109	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0.41	0.041	
EUCALYPTOL	0.007	0			GUAJOL	0.007	0	0	
LINALOOL	0.007	0.243			<div>Analyzed by: 650Weight: 0.9961gExtraction date: 10/14/21 12:10:24Extracted by: 2820</div>				
FENCHONE	0.007	0			<div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div>				
ISOPULEGOL	0.007	0			<div>Analytical Batch : GA032595TERReviewed On : 10/15/21 12:23:33</div>				
ISOBORNEOL	0.007	0			<div>Instrument Used : GA-GCMS-005 QP2020NXBatch Date : 10/14/21 10:32:37</div>				
HEXAHYDROTHYMOL	0.007	0			<div>Running on : 10/14/21 15:35:41</div>				
NEROL	0.007	0.02			<div>Dilution : 100</div>				
GERANYL ACETATE	0.007	0.018			<div>Reagent : 091021.R15; 010421.32; 010421.51</div>				
BETA-CARYOPHYLLENE	0.007	0.505			<div>Consumables : 282066106; 947.271; 470228-424; 9291.271; 200721; 190611634; 000310748</div>				
VALENCENE	0.007	0.269			<div>Pipette : N/A</div>				
CEDROL	0.007	0			<div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div>				
CIS-NEROLIDOL	0.007	0							
FARNESENE	0.007	0.076							
CARYOPHYLLENE OXIDE	0.007	0.021							
ALPHA-BISABOLOL	0.007	0.129							
ALPHA-PINENE	0.007	0.68							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.258							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0.352							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.015							
CAMPHOR	0.013	0							
Total (%)									