



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA11119002-007  
Harvest/Lot ID: LHSFV105-2111-1045  
Batch#: DF-MAUI-2110-2928  
Seed to Sale# LHSFV105-2111-1045  
Batch Date: 11/12/21  
Sample Size Received: 15.5 gram  
Total Amount: 2380 gram  
Retail Product Size: 0.5  
Ordered: 11/19/21  
Sampled: 11/19/21  
Completed: 11/23/21  
Sampling Method: SOP.T.20.010

Nov 23, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US



**PASSED**

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### PRODUCT IMAGE

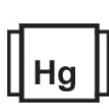


Box

### 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  
**78.354%**  
/Container : 391.77 mg



Total CBD  
**0%**  
/Container : 0 mg



Total Cannabinoids  
**81.869%**  
Total Cannabinoids/Container : 409.345 mg

	CBDV	CBD	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	0	1.965	0	0.37	0.674	78.354	0	0.506	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	0.001
LOD	%	%	%	%	%	%	%	%	%	%	%	%

Analized by: 1541	Weight: 0.1004g	Extraction date: 11/19/21 04:11:35	Extracted by: 3134
Analysis Method : SOP.T.40.031, SOP.T.30.031			
Analytical Batch : GA034414POT			
Instrument Used : GA-HPLC-001 2030C Plus			
Analized Date : N/A			
Dilution : 400			
Reagent : 101921.01; 110821.R36; 092821.17; 061621.03; 111721.R61; 111721.R63			
Consumables : 947.271; 470228-424; 9291.271; 200721; 12035-035CD-035C; RONB32898; 00295461			
Pipette : N/A			

Reviewed On : 11/22/21 10:42:17  
Batch Date : 11/19/21 12:15:26

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  
11/23/21



# 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 : GA1119002-007

Harvest/Lot ID: LHSFV105-2111-1045

Batch# : DF-MAUI-2110-2928

Sampled : 11/19/21

Ordered : 11/19/21

Sample Size Received : 15.5 gram

Total Amount : 2380 gram

Completed : 11/23/21 Expires: 11/23/22

Sample Method : SOP.T.20.010

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## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPENEOL	0.007	0			BORNEOL	0.013	0	0	
CAMPENE	0.007	0.016			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	1.667			PULEGONE	0.007	0	0	
3-CARENE	0.007	0.008			ALPHA-CEDRENE	0.007	0.17	0.017	
ALPHA-PHELLANDRENE	0.007	0			ALPHA-HUMULENE	0.007	2.07	0.207	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0.17	0.017	
EUCALYPTOL	0.007	0			GUAJOL	0.007	0	0	
LINALOOL	0.007	0.103			Analyzed by: 2155      Weight: 1.043g      Extraction date: 11/19/21 02:11:25      Extracted by: 3192				
FENCHONE	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA034413TER Instrument Used : GA-GCMS-005 QP2020NX Analyzed Date : 11/22/21 12:13:09 Reviewed On : 11/22/21 15:25:24 Batch Date : 11/19/21 12:14:55				
ISOPULEGOL	0.007	0			Dilution : 100 Reagent : 071221.09; 010421.48; 091021.R15 Consumables : 947.271; 470228-424; 9291.197; 200721; 210419634; R0NB32898; 00295461 Pipette : N/A				
ISOBORNEOL	0.007	0			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
HEXAHYDROTHYMOL	0.007	0.02							
NEROL	0.007	0							
GERANYL ACETATE	0.007	0							
BETA-CARYOPHYLLENE	0.007	0.463							
VALENCENE	0.007	0.074							
CEDROL	0.007	0							
CIS-NEROLIDOL	0.007	0							
FARNESENE	0.007	0.162							
CARYOPHYLLENE OXIDE	0.007	0.025							
ALPHA-BISABOLOL	0.007	0.132							
ALPHA-PINENE	0.007	0.844							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.306							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0.299							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.016							
CAMPHOR	0.013	0							
Total (%)		4.302							