



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample:** GA10414002-003  
**Harvest/Lot ID:** LGB101E-210409-01  
**Batch#:** BF-1C3T-EU-040521  
**Seed to Sale#** LGB101E-210409-01  
**Batch Date:** 04/09/21  
**Sample Size Received:** 150 gram  
**Total Amount:** 313 gram  
**Retail Product Size:** 45  
**Ordered :** 04/14/21  
**Sampled :** 04/14/21  
**Completed:** 04/20/21  
**Sampling Method:** SOP.T.20.010

Apr 20, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US



# PASSED

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### PRODUCT IMAGE

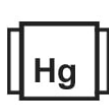


Glass Jar

### 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 : 317.107 mg



Total CBD

**0%**

/Container : 96.742 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 435.555 mg

	CBDV	CBD	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0.012	0	0.024	0.203	0.006	0.02	0.692	0	0.004	0.013	
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	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
2338

Weight:  
3.0084g

Extraction date:  
04/14/21 02:04:08

Extracted by:  
2507

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

Analytical Batch : GA025014POT

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

Analyzed Date : 04/15/21 07:47:38

Reviewed On : 04/16/21 11:17:09

Batch Date : 04/14/21 10:30:00

Dilution : 40

Reagent : 021821.03; 092920.25; 010421.50; 041221.R15; 041221.R14

Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179); 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  
04/20/21



# 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 : GA10414002-003

Harvest/Lot ID: LGB101E-210409-01

Batch# : BF-1C3T-EU-040521

Sampled : 04/14/21

Ordered : 04/14/21

Sample Size Received : 150 gram

Total Amount : 313 gram

Completed : 04/20/21 Expires: 04/20/22

Sample Method : SOP.T.20.010

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## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPENE	0.007	0			TERPINEOL	0.007	0.15	0.015	
BETA-MYRCENE	0.007	0.049			GERANIOL	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0.041			PULEGONE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007	0.075			ALPHA-HUMULENE	0.007	0	0	
EUCALYPTOL	0.007	4.035			TRANS-NEROLIDOL	0.007	0	0	
LINALOOL	0.007	0.713			GUAJOL	0.007	0	0	
FENCHONE	0.007	0			Analyzed by: 2155      Weight: 1.0034g      Extraction date: 04/14/21 01:04:36      Extracted by: 1791				
ISOPULEGOL	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOBORNEOL	0.007	0			Analytical Batch : GA025015TER				
HEXAHYDROTHYMOL	0.007	7.732			Instrument Used : GA-GCMS-005 QP2020NX				
NEROL	0.007	0.016			Analyzed Date : N/A				
GERANYL ACETATE	0.007	0.029			Dilution : 10				
BETA-CARYOPHYLLENE	0.007	0.13			Reagent : 010421.36; 010421.50; 021121.36				
VALENCENE	0.007	0			Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; VAV-09-1020 (947.077) /				
CIS-NEROLIDOL	0.007	0			ALK-09-1412 (9291.179); P734631 / P7411895; 16466-042				
CARYOPHYLLENE OXIDE	0.007	0			Pipette : N/A				
CEDROL	0.007	0			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
FARNESENE	0.007	0.708							
ALPHA-BISABOLOL	0.007	0							
ALPHA-PINENE	0.007	0.107							
SABINENE	0.007	0							
BETA-PINENE	0.007	0							
ALPHA-TERPINENE	0.007	0.312							
LIMONENE	0.007	0.64							
GAMMA-TERPINENE	0.007	0.053							
TERPINOLENE	0.007	0							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0							
CAMPOR	0.013	0							
BORNEOL	0.013	0							
Total (%)									