



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA10312002-005  
Harvest/Lot ID: LGB101-210308-01  
Batch#: BF-1C3T-LG-030121  
Seed to Sale# LGB101-210308-01  
Batch Date: 02/17/21  
Sample Size Received: 138  
Total Amount: 303 gram  
Retail Product Size: 46  
Ordered : 03/12/21  
Sampled : 03/12/21  
Completed: 04/02/21  
Sampling Method: SOP.T.20.010

**PASSED**

Apr 02, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US



Pages 1 of 2

PRODUCT IMAGE

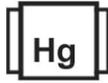


glass jar

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 : 342.616 mg



Total CBD

**0%**

/Container : 97.419 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 616.487 mg

Component	Value	LOD
CBDV	0	0.001
CBDA	0	0.001
CBGA	0.34	0.001
CBG	0.023	0.001
CBD	0.211	0.001
THCV	0.006	0.001
CBN	0.007	0.001
D9-THC	0.733	0.001
D8-THC	0	0.001
CBC	0.017	0.001
THCA	0.012	0.001

Analyzed by: 2338

Weight: 1.4998g

Extraction date: 03/16/21 06:03:57

Extracted by: 2206

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA023856POT  
Instrument Used : GA-HPLC-001 2030C Plus (Carl)  
Analyzed Date : 03/16/21 17:37:41

Reviewed On : 03/17/21 14:59:43  
Batch Date : 03/16/21 08:54:25

Dilution : 20  
Reagent : 110520.06; 010621.02; 030921.R23; 022621.R24  
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

04/02/21

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 : GA10312002-005  
Harvest/Lot ID: LGB101-210308-01

Batch# : BF-1C3T-LG-030121 Sample Size Received : 138  
Sampled : 03/12/21 Total Amount : 303 gram  
Ordered : 03/12/21 Completed : 04/02/21 Expires: 04/02/22  
Sample Method : SOP.T.20.010

Page 2 of 2



## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPHENE	0.007	0			TERPINEOL	0.007	0.17	0.017	
BETA-MYRCENE	0.007	0.013			GERANIOL	0.007	1.31	0.131	
ALPHA-PHELLANDRENE	0.007	0.008			PULEGONE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007	0			ALPHA-HUMULENE	0.007	0.26	0.026	
EUCALYPTOL	0.007	1.951			TRANS-NEROLIDOL	0.007	0	0	
LINALOOL	0.007	0.003			GUAIOL	0.007	0	0	
FENCHONE	0.007	0							
ISOPULEGOL	0.007	0							
ISOBORNEOL	0.007	0							
HEXAHYDROTHYMOL	0.007	6.282							
NEROL	0.007	0							
GERANYL ACETATE	0.007	0.073							
BETA-CARYOPHYLLENE	0.007	0.017							
VALENCENE	0.007	0							
CIS-NEROLIDOL	0.007	0							
CARYOPHYLLENE OXIDE	0.007	0.016							
CEDROL	0.007	0							
FARNESENE	0.007	0							
ALPHA-BISABOLOL	0.007	0							
ALPHA-PINENE	0.007	0.025							
SABINENE	0.007	0.009							
BETA-PINENE	0.007	0							
ALPHA-TERPINENE	0.007	0.356							
LIMONENE	0.007	0.559							
GAMMA-TERPINENE	0.007	0.007							
TERPINOLENE	0.007	0.007							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0							
CAMPHOR	0.013	0							
BORNEOL	0.013	0							
<b>Total (%)</b>									

Terpenes	LOD (%)	mg/g	%	Result (%)
TERPINEOL	0.007	0.17	0.017	
GERANIOL	0.007	1.31	0.131	
PULEGONE	0.007	0	0	
ALPHA-CEDRENE	0.007	0	0	
ALPHA-HUMULENE	0.007	0.26	0.026	
TRANS-NEROLIDOL	0.007	0	0	
GUAIOL	0.007	0	0	

Analyzed by: 1541 Weight: 1.0013g Extraction date: 03/12/21 01:03:41 Extracted by: 2206

Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL  
Analytical Batch : GA023592TER Reviewed On : 03/13/21 07:25:16  
Instrument Used : GA-GCMS-002 QP2010S Batch Date : 03/09/21 13:30:23  
Analyzed Date : 03/12/21 07:24:45

Dilution : 10  
Reagent : 010421.38  
Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; 16466-042  
Pipette : N/A

Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.