



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA10323002-015  
Harvest/Lot ID: LGB101-210319-01  
Batch#: BF-1C3T-LG-031021  
Seed to Sale# LGB101-210319-01  
Batch Date: 03/19/21  
Sample Size Received: 165 gram  
Total Amount: 311 units  
Retail Product Size: 55  
Ordered : 03/23/21  
Sampled : 03/23/21  
Completed: 04/06/21  
Sampling Method: SOP.T.20.010

**PASSED**

Apr 06, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US



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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 : 346.11 mg



Total CBD

**0%**

/Container : 94.782 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 459.998 mg

	CBDV	CBDa	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	0.019	0.172	0.005	0.009	0.619	0	0.013	0.01
mg/unit											
LOD	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001
%											

Analyzed by:  
2338

Weight:  
1.5008g

Extraction date:  
03/29/21 02:03:54

Extracted by:  
2507

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA024409POT  
Instrument Used : GA-HPLC-001 2030C Plus (Carl)  
Analyzed Date : 03/29/21 17:47:07

Reviewed On : 03/30/21 16:47:22  
Batch Date : 03/29/21 10:45:15

Dilution : 20  
Reagent : 110520.06; 010421.51; 021821.10; 032521.R11; 032421.R16  
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

04/06/21

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 : GA10323002-015  
Harvest/Lot ID: LGB101-210319-01

Batch# : BF-1C3T-LG-031021    Sample Size Received : 165 gram  
Sampled : 03/23/21    Total Amount : 311 units  
Ordered : 03/23/21    Completed : 04/06/21    Expires: 04/06/22  
Sample Method : SOP.T.20.010

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Terpenes				Terpenes			
Terpenes	LOD (%)	mg/unit %	Result (%)	Terpenes	LOD (%)	mg/unit %	Result (%)
CAMPHENE	0.007	0		TERPINEOL	0.007	8.8	0.016
BETA-MYRCENE	0.007	0.026		GERANIOL	0.007	68.2	0.124
ALPHA-PHELLANDRENE	0.007	0.03		PULEGONE	0.007	0	0
3-CARENE	0.007	0		ALPHA-CEDRENE	0.007	0	0
OCIMENE	0.007	0		ALPHA-HUMULENE	0.007	10.45	0.019
EUCALYPTOL	0.007	3.328		TRANS-NEROLIDOL	0.007	0	0
LINALOOL	0.007	0.005		GUAJOL	0.007	0	0
FENCHONE	0.007	0					
ISOPULEGOL	0.007	0					
ISOBORNEOL	0.007	0					
HEXAHYDROTHYMOL	0.007	5.321					
NEROL	0.007	0					
GERANYL ACETATE	0.007	0.077					
BETA-CARYOPHYLLENE	0.007	0.022					
VALENCENE	0.007	0					
CIS-NEROLIDOL	0.007	0					
CARYOPHYLLENE OXIDE	0.007	0.049					
CEDROL	0.007	0					
FARNESENE	0.007	0					
ALPHA-BISABOLOL	0.007	0					
ALPHA-PINENE	0.007	0.114					
SABINENE	0.007	0.025					
BETA-PINENE	0.007	0.014					
ALPHA-TERPINENE	0.007	0.403					
LIMONENE	0.007	0.704					
GAMMA-TERPINENE	0.007	0.082					
TERPINOLENE	0.007	0.012					
SABINENE HYDRATE	0.007	0					
FENCHYL ALCOHOL	0.007	0					
CAMPHOR	0.013	0					
BORNEOL	0.013	0					
<b>Total (%)</b>							

**TESTED**

Analyzed by: 2155    Weight: 1.0048g    Extraction dates: 03/24/21 09:03:23    Extracted by: 2507  
 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL  
 Analytical Batch : GA024212TER    Reviewed On : 03/26/21 15:13:42  
 Instrument Used : GA-GCMS-002 QP20105    Batch Date : 03/23/21 15:43:44  
 Analyzed Date : 03/25/21 16:29:14  
 Dilution : 10  
 Reagent : 010421.40; 010421.50  
 Consumables : 782066106; VAV-09-1020 Lot# 947.077; 6970145500298; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179); P734631 / P7311895; 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.