



# Certificate of Analysis

**COMPLIANCE FOR RETAIL**

**Sample:** GA01218003-001  
**Harvest/Lot ID:** FPF142E-201215-01  
**Batch#:** BOG-SJGBCC9-120320  
**Seed to Sale#** FPF142E-201215-01  
**Batch Date:** 12/15/20  
**Sample Size Received:** 31.5 gram  
**Total Amount:** 116  
**Retail Product Size:** 3.5  
**Ordered :** 12/18/20  
**Sampled :** 12/18/20  
**Completed:** 12/28/20  
**Sampling Method:** SOP.T.20.010

Dec 28, 2020 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US

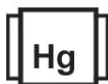
**PASSED**

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**PRODUCT IMAGE**


Plastic Jar

**SAFETY RESULTS**

Pesticides  
**PASSED**

Heavy Metals  
**PASSED**

Microbials  
**PASSED**

Mycotoxins  
**PASSED**

Residuals Solvents  
**NOT TESTED**

Filtration  
**PASSED**

Water Activity  
**PASSED**

Moisture  
**PASSED**

Terpenes  
**TESTED**
**MISC.**

**Cannabinoid**
**PASSED**

**Total THC**
**0%**

/Container : 728.755 mg


**Total CBD**
**0%**

CBD/Container : 0 mg


**Total Cannabinoids**
**0%**

Total Cannabinoids/Container : 861.555 mg

|      | CBDV  | CBDA  | CBGA  | CBG   | CBD | THCV  | CBN   | D9-THC | D8-THC | CBC   | THCA   | TOTAL CANNABINOIDS | TOTAL CBD | TOTAL THC |
|------|-------|-------|-------|-------|-----|-------|-------|--------|--------|-------|--------|--------------------|-----------|-----------|
| %    | 0     | 0     | 0.787 | 0.144 | 0   | 0     | 0     | 0.416  | 0      | 0     | 23.266 | 0                  | 0         | 0         |
| mg/g | 0     | 0     | 0.001 | 0.001 | 0   | 0.001 | 0.001 | 0      | 0.001  | 0.001 | 0.001  | 0                  | 0         | 0         |
| LOD  | 0.001 | 0.001 | 0.001 | 0.001 | 0   | 0.001 | 0.001 | 0      | 0.001  | 0.001 | 0.001  | 0                  | 0         | 0         |
| %    | 0     | 0     | 0     | 0     | 0   | 0     | 0     | 0      | 0      | 0     | 0      | 0                  | 0         | 0         |

Analyzed by:  
1541

Weight:  
0.2033g

Extraction date:  
12/21/20 10:12:15

Extracted by:  
1791

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

Analytical Batch : GA020167POT

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

Analyzed Date : 12/21/20 15:46:21

Reviewed On : 12/22/20 18:29:08

Batch Date : 12/21/20 07:39:12

Dilution : 40

Reagent : 110320.53; 121820.R01; 121620.R04

Consumables : 280630187; 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  
12/28/20



# 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 : GA01218003-001  
 Harvest/Lot ID: FPF142E-201215-01

 Batch# : BOG-SJGBCC9-120320  
 Sample Size Received : 31.5 gram  
 Total Amount : 116  
 Completed : 12/28/20 Expires: 12/28/21  
 Ordered : 12/18/20 Sample Method : SOP.T.20.010

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Terpenes

TESTED

| Terpenes            | LOD (%) | mg/g  | % | Result (%) | Terpenes  | LOD (%) | mg/g | %    | Result (%) |
|---------------------|---------|-------|---|------------|---|---------|------|------|------------|
| ALPHA-HUMULENE      | 0.007   | 0.143 |   |            | EUCALYPTOL  | 0.007   | 0    | 0    |            |
| ALPHA-CEDRENE       | 0.007   | 0     |   |            | ISOBORNEOL  | 0.007   | 0    | 0    |            |
| SABINENE            | 0.007   | 0     |   |            | HEXAHYDROTHYMOL   | 0.007   | 0    | 0    |            |
| SABINENE HYDRATE    | 0.007   | 0     |   |            | FENCHYL ALCOHOL   | 0.007   | 0.7  | 0.07 |            |
| TERPINEOL           | 0.007   | 0.118 |   |            | 3-CARENE  | 0.007   | 0    | 0    |            |
| TERPINOLENE         | 0.007   | 0.012 |   |            | CIS-NEROLIDOL   | 0.007   | 0    | 0    |            |
| BETA-CARYOPHYLLENE  | 0.007   | 0.488 |   |            | ISOPULEGOL  | 0.007   | 0    | 0    |            |
| TRANS-NEROLIDOL     | 0.007   | 0.066 |   |            | <div>Analyzed by: 2155Weight: 0.9971gExtraction date: 12/21/20 01:12:27Extracted by: 2103</div>   |         |      |      |            |
| VALENCENE           | 0.007   | 0     |   |            | <div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div>   |         |      |      |            |
| ALPHA-BISABOLOL     | 0.007   | 0     |   |            | <div>Analytical Batch : GA020236TERReviewed On : 12/24/20 10:44:33</div>  |         |      |      |            |
| CARYOPHYLLENE OXIDE | 0.007   | 0     |   |            | <div>Instrument Used : GA-GCMS-002 QP2010SBatch Date : 12/21/20 12:33:21</div>  |         |      |      |            |
| CAMPHOR             | 0.013   | 0     |   |            | <div>Analyzed Date : 12/22/20 09:10:27</div>  |         |      |      |            |
| CAMPHENE            | 0.007   | 0     |   |            | <div>Dilution : 10</div>  |         |      |      |            |
| BORNEOL             | 0.013   | 0     |   |            | <div>Reagent : 060920.22</div>  |         |      |      |            |
| BETA-PINENE         | 0.007   | 0.066 |   |            | <div>Consumables : 280630187; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042</div>  |         |      |      |            |
| BETA-MYRCENE        | 0.007   | 0.048 |   |            | <div>Pipette : N/A</div>  |         |      |      |            |
| ALPHA-TERPINENE     | 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> |         |      |      |            |
| ALPHA-PINENE        | 0.007   | 0.036 |   |            |   |         |      |      |            |
| CEDROL              | 0.007   | 0     |   |            |   |         |      |      |            |
| PULEGONE            | 0.007   | 0     |   |            |   |         |      |      |            |
| ALPHA-PHELLANDRENE  | 0.007   | 0     |   |            |   |         |      |      |            |
| OCIMENE             | 0.007   | 0     |   |            |   |         |      |      |            |
| NEROL               | 0.007   | 0     |   |            |   |         |      |      |            |
| LINALOOL            | 0.007   | 0.354 |   |            |   |         |      |      |            |
| LIMONENE            | 0.007   | 0.498 |   |            |   |         |      |      |            |
| GUAIOL              | 0.007   | 0.167 |   |            |   |         |      |      |            |
| GERANYL ACETATE     | 0.007   | 0     |   |            |   |         |      |      |            |
| GERANIOL            | 0.007   | 0     |   |            |   |         |      |      |            |
| GAMMA-TERPINENE     | 0.007   | 0     |   |            |   |         |      |      |            |
| FENCHONE            | 0.007   | 0     |   |            |   |         |      |      |            |
| FARNESENE           | 0.007   | 0     |   |            |   |         |      |      |            |
| Total (%)           |         |       |   |            |   |         |      |      |            |