



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample:GA11119002-005  
Harvest/Lot ID: HVFV117-2111-1060  
Batch#: DF-GOGL-2110-2942  
Seed to Sale# HVFV117-2111-1060  
Batch Date: 11/16/21  
Sample Size Received: 15.5 gram  
Total Amount: 3425 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  
**81.776%**  
/Container : 408.88 mg



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



Total Cannabinoids  
**84.829%**  
Total Cannabinoids/Container : 424.145 mg

|      | CBDV  | CBDA  | CBGA  | CBG   | CBD   | THCV  | CBN   | D9-THC | D8-THC | CBC   | THCA  |
|------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|
| %    | 0     | 0     | 0     | 1.77  | 0     | 0     | 0.785 | 81.776 | 0      | 0.498 | 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 |
| LOD  | %     | %     | %     | %     | %     | %     | %     | %      | %      | %     | %     |

Analyzed by:  
1541

Weight:  
0.1089g

Extraction date:  
11/19/21 04:11:51

Extracted by:  
3134

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA034414POT

Instrument Used : GA-HPLC-001 2030C Plus

Analyzed Date : N/A

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

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

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.

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**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 : GA1119002-005

Harvest/Lot ID: HVFV117-2111-1060

Batch# : DF-GOGL-2110-2942

Sampled : 11/19/21

Ordered : 11/19/21


Sample Size Received : 15.5 gram

Total Amount : 3425 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 TERPINEOL     | 0.007   |      | 0.159 |            | BORNEOL   | 0.013   | 0    | 0     |            |
| CAMPHENE            | 0.007   |      | 0     |            | GERANIOL  | 0.007   | 0    | 0     |            |
| BETA-MYRCENE        | 0.007   |      | 0.155 |            | PULEGONE  | 0.007   | 0    | 0     |            |
| 3-CARENE            | 0.007   |      | 0     |            | ALPHA-CEDRENE   | 0.007   | 0.16 | 0.016 |            |
| ALPHA-PHELLANDRENE  | 0.007   |      | 0     |            | ALPHA-HUMULENE  | 0.007   | 2.08 | 0.208 |            |
| OCIMENE             | 0.007   |      | 0     |            | TRANS-NEROLIDOL   | 0.007   | 1.51 | 0.151 |            |
| EUCALYPTOL          | 0.007   |      | 0.046 |            | GUAJOL  | 0.007   | 0.1  | 0.01  |            |
| LINALOOL            | 0.007   |      | 0.11  |            | <div>Analyzed by: 2155Weight: 1.0778gExtraction date: 11/19/21 02:11:04Extracted by: 3192</div>   |         |      |       |            |
| FENCHONE            | 0.007   |      | 0     |            | <div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div>   |         |      |       |            |
| ISOPULEGOL          | 0.007   |      | 0     |            | <div>Analytical Batch : GA034413TER</div>   |         |      |       |            |
| ISOBORNEOL          | 0.007   |      | 0     |            | <div>Instrument Used : GA-GCMS-005 QP2020NX</div>   |         |      |       |            |
| HEXAHYDROTHYMOL     | 0.007   |      | 0     |            | <div>Analyzed Date : 11/22/21 12:13:09</div>  |         |      |       |            |
| NEROL               | 0.007   |      | 0     |            | <div>Dilution : 100</div>   |         |      |       |            |
| GERANYL ACETATE     | 0.007   |      | 0.058 |            | <div>Reagent : 071221.09; 010421.48; 091021.R15</div>   |         |      |       |            |
| BETA-CARYOPHYLLENE  | 0.007   |      | 0.82  |            | <div>Consumables : 947.271; 470228-424; 9291.197; 200721; 210419634; R0NB32898; 00295461</div>  |         |      |       |            |
| VALENCENE           | 0.007   |      | 0.441 |            | <div>Pipette : N/A</div>  |         |      |       |            |
| CEDROL              | 0.007   |      | 0.024 |            | <div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div> |         |      |       |            |
| CIS-NEROLIDOL       | 0.007   |      | 0.136 |            |   |         |      |       |            |
| FARNESENE           | 0.007   |      | 0.038 |            |   |         |      |       |            |
| CARYOPHYLLENE OXIDE | 0.007   |      | 0.076 |            |   |         |      |       |            |
| ALPHA-BISABOLOL     | 0.007   |      | 0.074 |            |   |         |      |       |            |
| ALPHA-PINENE        | 0.007   |      | 0.054 |            |   |         |      |       |            |
| SABINENE            | 0.007   |      | 0     |            |   |         |      |       |            |
| BETA-PINENE         | 0.007   |      | 0.092 |            |   |         |      |       |            |
| ALPHA-TERPINENE     | 0.007   |      | 0     |            |   |         |      |       |            |
| LIMONENE            | 0.007   |      | 1.714 |            |   |         |      |       |            |
| GAMMA-TERPINENE     | 0.007   |      | 0.171 |            |   |         |      |       |            |
| TERPINOLENE         | 0.007   |      | 0     |            |   |         |      |       |            |
| SABINENE HYDRATE    | 0.007   |      | 0     |            |   |         |      |       |            |
| FENCHYL ALCOHOL     | 0.007   |      | 0.062 |            |   |         |      |       |            |
| CAMPHOR             | 0.013   |      | 0     |            |   |         |      |       |            |
| Total (%)           |         |      | 4.589 |            |   |         |      |       |            |

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