



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample:** GA10924001-002  
**Harvest/Lot ID:** HVFV105-2109-1608  
**Batch#:** DF-LECO-2109-0749  
**Seed to Sale#** HVFV105-2109-1608  
**Batch Date:** 09/17/21  
**Sample Size Received:** 15.5 gram  
**Total Amount:** 3468 gram  
**Retail Product Size:** 0.5  
**Ordered :** 09/24/21  
**Sampled :** 09/24/21  
**Completed:** 09/28/21  
**Sampling Method:** SOP.T.20.010

**PASSED**

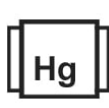
Sep 28, 2021 | Liberty Health Sciences, FL  
 18770 N CR 225  
 Gainesville, FL, 32609, US



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**PRODUCT IMAGE**

**SAFETY RESULTS**

**Pesticides  
PASSED**

**Heavy Metals  
PASSED**

**Microbials  
PASSED**

**Mycotoxins  
PASSED**

**Residuals Solvents  
PASSED**

**Filtration  
PASSED**

**Water Activity  
PASSED**

**Moisture  
NOT TESTED**

**Terpenes  
TESTED**

Box


**Cannabinoid**
**PASSED**

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

/Container : 410.988 mg


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

/Container : 3.869 mg


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

Total Cannabinoids/Container : 436.018 mg

|      | CBDV  | CBDA  | CBGA  | CBG   | CBD   | THCV  | CBN   | D9-THC | D8-THC | CBC   | THCA  |
|------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|
| %    | 0     | 0     | 0     | 2.163 | 0.773 | 0.425 | 1.274 | 82.197 | 0      | 0.368 | 0     |
| mg/g |       |       |       |       |       |       |       |        |        |       |       |
| LOD  | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001  | 0.001  | 0.001 | 0.001 |
| %    |       |       |       |       |       |       |       |        |        |       |       |

Analyzed by:  
2338

Weight:  
0.1053g

Extraction date:  
09/24/21 10:09:18

Extracted by:  
2820

Analysis Method : SOP.T.40.031, SOP.T.30.031  
 Analytical Batch : GA031695POT  
 Instrument Used : GA-HPLC-003 2030C PDA  
 Analyzed Date : 09/24/21 13:39:57

Reviewed On : 09/28/21 12:47:06  
 Batch Date : 09/23/21 13:53:53

Dilution : 400  
 Reagent : 060220.R16; 010421.51; 060821.16; 092421.R43; 092421.R44  
 Consumables : 282066106; 947.271; 470228-424; 9291.271; 200721; 12224-108CD-108C; 000310748  
 Pipette : N/A

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



# 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 : GA10924001-002  
Harvest/Lot ID: HVFV105-2109-1608

Batch# : DF-LECO-2109-0749 Sample Size Received : 15.5 gram  
Sampled : 09/24/21 Total Amount : 3468 gram  
Ordered : 09/24/21 Completed : 09/28/21 Expires: 09/28/22  
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     |   |            | BORNEOL  | 0.013   | 0       | 0       |                  |                   |               |      |
| CAMPHENE            | 0.007   | 0     |   |            | GERANIOL   | 0.007   | 0       | 0       |                  |                   |               |      |
| BETA-MYRCENE        | 0.007   | 0.176 |   |            | PULEGONE   | 0.007   | 0       | 0       |                  |                   |               |      |
| ALPHA-PHELLANDRENE  | 0.007   | 0.142 |   |            | ALPHA-CEDRENE  | 0.007   | 0       | 0       |                  |                   |               |      |
| 3-CARENE            | 0.007   | 0.049 |   |            | ALPHA-HUMULENE   | 0.007   | 1.94    | 0.194   |                  |                   |               |      |
| OCIMENE             | 0.007   | 0     |   |            | TRANS-NEROLIDOL  | 0.007   | 0.08    | 0.008   |                  |                   |               |      |
| EUCALYPTOL          | 0.007   | 0     |   |            | GUAJOL   | 0.007   | 0.12    | 0.012   |                  |                   |               |      |
| LINALOOL            | 0.007   | 0.054 |   |            | Analyzed by:   | 2155    | Weight: | 1.0428g | Extraction date: | 09/24/21 10:09:08 | Extracted by: | 1791 |
| FENCHONE            | 0.007   | 0     |   |            | Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL   |         |         |         |                  |                   |               |      |
| ISOPULEGOL          | 0.007   | 0     |   |            | Analytical Batch : GA031696TER   |         |         |         |                  |                   |               |      |
| ISOBORNEOL          | 0.007   | 0     |   |            | Instrument Used : GA-GCMS-005 QP2020NX   |         |         |         |                  |                   |               |      |
| HEXAHYDROTHYMOL     | 0.007   | 0     |   |            | Analyzed Date : 09/24/21 16:39:51  |         |         |         |                  |                   |               |      |
| NEROL               | 0.007   | 0     |   |            | Dilution : 100   |         |         |         |                  |                   |               |      |
| GERANYL ACETATE     | 0.007   | 0     |   |            | Reagent : 091021.R15; 010421.32; 010421.51   |         |         |         |                  |                   |               |      |
| BETA-CARYOPHYLLENE  | 0.007   | 1.145 |   |            | Consumables : 947.271; 470228-424; 9291.271; 200721; 210419634; R0NB32898; 00299409  |         |         |         |                  |                   |               |      |
| VALENCENE           | 0.007   | 0.079 |   |            | Pipette : N/A  |         |         |         |                  |                   |               |      |
| CIS-NEROLIDOL       | 0.007   | 0     |   |            | Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected. |         |         |         |                  |                   |               |      |
| CARYOPHYLLENE OXIDE | 0.007   | 0.041 |   |            |  |         |         |         |                  |                   |               |      |
| CEDROL              | 0.007   | 0     |   |            |  |         |         |         |                  |                   |               |      |
| FARNESENE           | 0.007   | 0.161 |   |            |  |         |         |         |                  |                   |               |      |
| ALPHA-BISABOLOL     | 0.007   | 0.11  |   |            |  |         |         |         |                  |                   |               |      |
| ALPHA-PINENE        | 0.007   | 0.062 |   |            |  |         |         |         |                  |                   |               |      |
| SABINENE            | 0.007   | 0     |   |            |  |         |         |         |                  |                   |               |      |
| BETA-PINENE         | 0.007   | 0.108 |   |            |  |         |         |         |                  |                   |               |      |
| ALPHA-TERPINENE     | 0.007   | 0.081 |   |            |  |         |         |         |                  |                   |               |      |
| LIMONENE            | 0.007   | 0.222 |   |            |  |         |         |         |                  |                   |               |      |
| GAMMA-TERPINENE     | 0.007   | 0     |   |            |  |         |         |         |                  |                   |               |      |
| TERPINOLENE         | 0.007   | 1.456 |   |            |  |         |         |         |                  |                   |               |      |
| SABINENE HYDRATE    | 0.007   | 0     |   |            |  |         |         |         |                  |                   |               |      |
| FENCHYL ALCOHOL     | 0.007   | 0.049 |   |            |  |         |         |         |                  |                   |               |      |
| CAMPHOR             | 0.013   | 0     |   |            |  |         |         |         |                  |                   |               |      |
| Total (%)           |         |       |   |            |  |         |         |         |                  |                   |               |      |