



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample:** GA30428001-002  
**Harvest/Lot ID:** SOFS102-2304-20352  
**Batch#:** BOS0-36B-121122  
**Cultivation Facility:** Gainesville Cultivation  
**Processing Facility:** Gainesville Processing  
**Source Facility:** Gainesville Cultivation  
**Seed to Sale#** SOFS102-2304-20352  
**Batch Date:** 04/24/23  
**Sample Size Received:** 16 gram  
**Total Amount:** 1020 units  
**Retail Product Size:** 1 gram  
**Ordered:** 04/28/23  
**Sampled:** 04/28/23  
**Completed:** 05/01/23  
**Sampling Method:** SOP.T.20.010

May 01, 2023 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US



# PASSED

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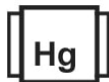
### PRODUCT IMAGE



### SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**PASSED**



Moisture  
**NOT TESTED**



Terpenes  
**TESTED**

### MISC.



## Cannabinoid

# PASSED



Total THC

**78.151%**

Total THC/Container : 781.51 mg



Total CBD

**0.21%**

Total CBD/Container : 2.1 mg



Total Cannabinoids

**81.647%**

Total Cannabinoids/Container : 816.47 mg

|         | D9-THC | THCA  | CBD   | CBDA  | D8-THC | CBG   | CBGA  | CBN   | THCV  | CBDV  | CBC   |
|---------|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|
| %       | 78.151 | ND    | 0.21  | ND    | ND     | 2.323 | ND    | 0.534 | 0.429 | ND    | ND    |
| mg/unit | 781.51 | ND    | 2.1   | ND    | ND     | 23.23 | ND    | 5.34  | 4.29  | ND    | ND    |
| LOD     | 0.001  | 0.001 | 0.001 | 0.001 | 0.001  | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| %       | %      | %     | %     | %     | %      | %     | %     | %     | %     | %     | %     |

Analized by:  
3317, 2338, 1649

Weight:  
0.1067g

Extraction date:  
04/29/23 10:44:37

Extracted by:  
3655

Analysis Method : SOP.T.40.031, SOP.T.30.031  
 Analytical Batch : GA059450POT  
 Instrument Used : GA-HPLC-001 2030C Plus (Derivative)  
 Analyzed Date : 04/29/23 16:59:36

Reviewed On : 05/01/23 14:20:13  
 Batch Date : 04/28/23 11:30:25

Dilution : 400  
 Reagent : 041823.R33; 041423.R22; 030323.R43; 010421.44; 041023.01  
 Consumables : GA-169; 947.109; 21/05/14; 9291.271; LLS-00-0005; 12543-226CD-226C; R0NB32898; 46610-762A; 944C4 944; 209598; 212516  
 Pipette : GA-003; GA-005; GA-007; GA-177

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  
 05/01/23



# 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 : GA30428001-002  
Harvest/Lot ID: SOFS102-2304-20352

Batch# : BOSO-368-121122 Sample Size Received : 16 gram  
Sampled : 04/28/23 Total Amount : 1020 units  
Ordered : 04/28/23 Completed : 05/01/23 Expires: 05/01/24  
Sample Method : SOP.T.20.010

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| Terpenes           |         |         |       |            | TESTED                                                                                                                                               |         |         |       |            |
|--------------------|---------|---------|-------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|-------|------------|
| Terpenes           | LOD (%) | mg/unit | %     | Result (%) | Terpenes                                                                                                                                             | LOD (%) | mg/unit | %     | Result (%) |
| TOTAL TERPENES     | 0.007   | 41      | 4.1   |            | FARNESENE                                                                                                                                            | 0.001   | ND      | ND    |            |
| TOTAL TERPINEOL    | 0.007   | ND      | ND    |            | ALPHA-HUMULENE                                                                                                                                       | 0.007   | 2.43    | 0.243 |            |
| ALPHA-BISABOLOL    | 0.007   | <1      | <0.1  |            | VALENCENE                                                                                                                                            | 0.007   | 1.3     | 0.13  |            |
| ALPHA-PINENE       | 0.007   | 10.08   | 1.008 |            | CIS-NEROLIDOL                                                                                                                                        | 0.007   | ND      | ND    |            |
| CAMPHENE           | 0.007   | ND      | ND    |            | TRANS-NEROLIDOL                                                                                                                                      | 0.007   | <1      | <0.1  |            |
| SABINENE           | 0.007   | ND      | ND    |            | CARYOPHYLLENE OXIDE                                                                                                                                  | 0.007   | <1      | <0.1  |            |
| BETA-PINENE        | 0.007   | 4.98    | 0.498 |            | GUAIOL                                                                                                                                               | 0.007   | ND      | ND    |            |
| BETA-MYRCENE       | 0.007   | 8.71    | 0.871 |            | CEDROL                                                                                                                                               | 0.007   | ND      | ND    |            |
| ALPHA-PHELLANDRENE | 0.007   | ND      | ND    |            | Analyzed by: 3303, 3317, 2338, 1649 Weight: 0.9849g Extraction date: 04/28/23 18:39:01 Extracted by: 2507,3655                                       |         |         |       |            |
| 3-CARENE           | 0.007   | ND      | ND    |            | Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL                                                                                                 |         |         |       |            |
| ALPHA-TERPINENE    | 0.007   | ND      | ND    |            | Analytical Batch : GA059451TER                                                                                                                       |         |         |       |            |
| LIMONENE           | 0.007   | 6.8     | 0.68  |            | Instrument Used : GA-GCMS-005 QP2020NX (Derivative) Reviewed On : 05/01/23 10:34:07                                                                  |         |         |       |            |
| EUCALYPTOL         | 0.007   | ND      | ND    |            | Analyzed Date : 04/29/23 13:47:17 Batch Date : 04/28/23 11:30:31                                                                                     |         |         |       |            |
| OCIMENE            | 0.007   | ND      | ND    |            | Dilution : 50                                                                                                                                        |         |         |       |            |
| GAMMA-TERPINENE    | 0.007   | <1      | <0.1  |            | Reagent : 010421.44; 021123.R06; 032223.04                                                                                                           |         |         |       |            |
| SABINENE HYDRATE   | 0.007   | ND      | ND    |            | Consumables : 89012-780; 6211125; 947.109; 21/05/14; 9291.271; RONB32898; 46610-762A; 944C4 944; 209598; 212516                                      |         |         |       |            |
| TERPINOLENE        | 0.007   | 1.54    | 0.154 |            | Pipette : GA-003; GA-005; GA-007; GA-177                                                                                                             |         |         |       |            |
| FENCHONE           | 0.007   | ND      | ND    |            | Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected. |         |         |       |            |
| LINALOOL           | 0.007   | <1      | <0.1  |            |                                                                                                                                                      |         |         |       |            |
| FENCHYL ALCOHOL    | 0.007   | ND      | ND    |            |                                                                                                                                                      |         |         |       |            |
| ISOPULEGOL         | 0.007   | ND      | ND    |            |                                                                                                                                                      |         |         |       |            |
| CAMPHOR            | 0.013   | ND      | ND    |            |                                                                                                                                                      |         |         |       |            |
| ISOBORNEOL         | 0.007   | ND      | ND    |            |                                                                                                                                                      |         |         |       |            |
| BORNEOL            | 0.013   | ND      | ND    |            |                                                                                                                                                      |         |         |       |            |
| HEXAHYDROTHYMOL    | 0.007   | ND      | ND    |            |                                                                                                                                                      |         |         |       |            |
| NEROL              | 0.007   | ND      | ND    |            |                                                                                                                                                      |         |         |       |            |
| PULEGONE           | 0.007   | ND      | ND    |            |                                                                                                                                                      |         |         |       |            |
| GERANIOL           | 0.007   | ND      | ND    |            |                                                                                                                                                      |         |         |       |            |
| GERANYL ACETATE    | 0.007   | ND      | ND    |            |                                                                                                                                                      |         |         |       |            |
| ALPHA-CEDRENE      | 0.007   | ND      | ND    |            |                                                                                                                                                      |         |         |       |            |
| BETA-CARYOPHYLLENE | 0.007   | 5.16    | 0.516 |            |                                                                                                                                                      |         |         |       |            |
| Total (%)          |         |         |       | 4.1        |                                                                                                                                                      |         |         |       |            |