



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA01204004-008
Harvest/Lot ID: FWF138E-201130-01
Batch#: SGH-97V4-111120
Seed to Sale# FWF138E-201130-01
Batch Date: 11/30/20
Sample Size Received: 31.5 gram
Total Amount: 669 units
Retail Product Size: 3.5 gram
Ordered: 12/04/20
Sampled: 12/04/20
Completed: 12/17/20
Sampling Method: SOP.T.20.010

Dec 17, 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 : 766.731 mg



Total CBD

0%

CBD/Container : 2.779 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 916.649 mg

| | CBDV | CBDA | CBGA | CBG | CBD | THCV | CBN | D9-THC | D8-THC | CBC | THCA | TOTAL CANNABINOIDS | TOTAL CBD | TOTAL THC |
|-----------|-------|-------|-------|-------|-----|-------|-------|--------|--------|-------|--------|--------------------|-----------|-----------|
| % mg/unit | 0 | 0.09 | 1.326 | 0.113 | 0 | 0 | 0 | 3 | 0 | 0.101 | 21.557 | 0 | 0 | 0 |
| LOD | 0.001 | 0.001 | 0.001 | 0.001 | % | 0.001 | 0.001 | % | 0.001 | 0.001 | 0.001 | % | % | % |

Analyzed by:
508

Weight:
0.1988g

Extraction date:
12/05/20 04:12:02

Extracted by:
2103

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

Analytical Batch : GA019570POT

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

Analyzed Date : 12/07/20 14:23:03

Reviewed On : 12/08/20 14:33:30

Batch Date : 12/05/20 09:03:05

Dilution : 40

Reagent : 111920.R03; 112820.R03; 110320.46

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
12/17/20



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 : GA01204004-008

Harvest/Lot ID: FWF138E-201130-01

Batch# : SGH-97V4-111120

Sampled : 12/04/20

Ordered : 12/04/20


Sample Size Received : 31.5 gram

Total Amount : 669 units

Completed : 12/17/20 Expires: 12/17/21

Sample Method : SOP.T.20.010

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Terpenes

TESTED

| Terpenes | LOD (%) | mg/unit | % | Result (%) | Terpenes | LOD (%) | mg/unit | % | Result (%) |
|---------------------|---------|---------|-------|------------|---|---------|---------|-------|------------|
| ALPHA-HUMULENE | 0.007 | | 0.085 | | 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 | 0.175 | 0.005 | |
| TERPINEOL | 0.007 | | 0.03 | | 3-CARENE | 0.007 | 0 | 0 | |
| TERPINOLENE | 0.007 | | 0 | | CIS-NEROLIDOL | 0.007 | 0 | 0 | |
| BETA-CARYOPHYLLENE | 0.007 | | 0.275 | | ISOPULEGOL | 0.007 | 0 | 0 | |
| TRANS-NEROLIDOL | 0.007 | | 0.014 | | Analyzed by: 2155 Weight: 1.0064g Extraction date: 12/08/20 12:12:30 Extracted by: 1791 | | | | |
| VALENCENE | 0.007 | | 0 | | Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA0195697ER Instrument Used : GA-GCMS-002 QP2010S Analyzed Date : 12/08/20 14:50:25 Reviewed On : 12/10/20 15:26:57 Batch Date : 12/05/20 09:01:45 | | | | |
| ALPHA-BISABOLOL | 0.007 | | 0.093 | | Dilution : 10 Reagent : 060920.22 Consumables : 280630187; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042 Pipette : N/A | | | | |
| CARYOPHYLLENE OXIDE | 0.007 | | 0 | | Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected. | | | | |
| CAMPHOR | 0.013 | | 0 | | | | | | |
| CAMPHENE | 0.007 | | 0.002 | | | | | | |
| BORNEOL | 0.013 | | 0 | | | | | | |
| BETA-PINENE | 0.007 | | 0.015 | | | | | | |
| BETA-MYRCENE | 0.007 | | 1.373 | | | | | | |
| ALPHA-TERPINENE | 0.007 | | 0 | | | | | | |
| ALPHA-PINENE | 0.007 | | 0.108 | | | | | | |
| CEDROL | 0.007 | | 0 | | | | | | |
| PULEGONE | 0.007 | | 0 | | | | | | |
| ALPHA-PHELLANDRENE | 0.007 | | 0 | | | | | | |
| OCIMENE | 0.007 | | 0.656 | | | | | | |
| NEROL | 0.007 | | 0 | | | | | | |
| LINALOOL | 0.007 | | 0.107 | | | | | | |
| LIMONENE | 0.007 | | 0.078 | | | | | | |
| GUAJOL | 0.007 | | 0 | | | | | | |
| GERANYL ACETATE | 0.007 | | 0 | | | | | | |
| GERANIOL | 0.007 | | 0 | | | | | | |
| GAMMA-TERPINENE | 0.007 | | 0 | | | | | | |
| FENCHONE | 0.007 | | 0 | | | | | | |
| FARNESENE | 0.007 | | 0 | | | | | | |
| Total (%) | | | | | | | | | |