



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA10427001-003
Harvest/Lot ID: HVFV117-210420-01
Batch#: DF-GOGL-010721
Seed to Sale# HVFV117-210420-01
Batch Date: 04/20/21
Sample Size Received: 15.766 gram
Total Amount: 300 gram
Retail Product Size: .5086
Ordered: 04/27/21
Sampled: 04/27/21
Completed: 04/29/21
Sampling Method: SOP.T.20.010

Apr 30, 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
0%

/Container : 423.195 mg


Total CBD
0%

/Container : 1.529 mg


Total Cannabinoids
0%

Total Cannabinoids/Container : 439.711 mg

| | CBDV | CBD | CBGA | CBG | CBD | THCV | CBN | D9-THC | D8-THC | CBC | THCA |
|------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|
| % | 0 | 0 | 0 | 1.812 | 0.3 | 0.4 | 0.734 | 83.207 | 0 | 0 | 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:
2338

Weight:
0.101g

Extraction date:
04/27/21 01:04:46

Extracted by:
2507

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

Analytical Batch : GA025452POT

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

Analyzed Date : 04/27/21 16:32:08

Reviewed On : 04/28/21 13:53:31

Batch Date : 04/27/21 08:01:07

Dilution : 40

Reagent : 010421.50; 030921.08; 092920.25; 081420.12; 041521.R01; 042621.R09

Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179); 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
04/29/21



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 : GA10427001-003

Harvest/Lot ID: HVFV117-210420-01

Batch# : DF-GOGL-010721

Sampled : 04/27/21

Ordered : 04/27/21


Sample Size Received : 15.766 gram

Total Amount : 300 gram

Completed : 04/29/21 Expires: 04/29/22

Sample Method : SOP.T.20.010

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Terpenes

TESTED

| Terpenes | LOD (%) | mg/g | % | Result (%) | Terpenes | LOD (%) | mg/g | % | Result (%) |
|---------------------|---------|------|-------|------------|---|---------|------|-------|------------|
| CAMPHENE | 0.007 | | 0 | | TERPINEOL | 0.007 | 1.99 | 0.199 | |
| BETA-MYRCENE | 0.007 | | 0.108 | | GERANIOL | 0.007 | 0 | 0 | |
| ALPHA-PHELLANDRENE | 0.007 | | 0 | | PULEGONE | 0.007 | 0 | 0 | |
| 3-CARENE | 0.007 | | 0 | | ALPHA-CEDRENE | 0.007 | 0.01 | 0.001 | |
| OCIMENE | 0.007 | | 0 | | ALPHA-HUMULENE | 0.007 | 1.94 | 0.194 | |
| EUCALYPTOL | 0.007 | | 0 | | TRANS-NEROLIDOL | 0.007 | 1.43 | 0.143 | |
| LINALOOL | 0.007 | | 0.074 | | GUAIOL | 0.007 | 0 | 0 | |
| FENCHONE | 0.007 | | 0 | | <div>Analyzed by: 2155Weight: 1.0023gExtraction date: 04/27/21 12:04:31Extracted by: 1791</div> | | | | |
| ISOPULEGOL | 0.007 | | 0 | | <div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div> | | | | |
| ISOBORNEOL | 0.007 | | 0 | | <div>Analytical Batch : GA025483TER</div> | | | | |
| HEXAHYDROTHYMOL | 0.007 | | 0 | | <div>Instrument Used : GA-GCMS-002 QP2010S</div> | | | | |
| NEROL | 0.007 | | 0 | | <div>Analyzed Date : 04/28/21 13:19:01</div> | | | | |
| GERANYL ACETATE | 0.007 | | 0.027 | | <div>Dilution : 10</div> | | | | |
| BETA-CARYOPHYLLENE | 0.007 | | 0.961 | | <div>Reagent : 010421.36; 010421.51</div> | | | | |
| VALENCENE | 0.007 | | 0.389 | | <div>Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; VAV-09-1020 (947.077) /</div> | | | | |
| CIS-NEROLIDOL | 0.007 | | 0.093 | | <div>ALK-09-1412 (9291.179); P734631 / P7411895; 16466-042</div> | | | | |
| CARYOPHYLLENE OXIDE | 0.007 | | 0.036 | | <div>Pipette : N/A</div> | | | | |
| CEDROL | 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> | | | | |
| FARNESENE | 0.007 | | 0.369 | | | | | | |
| ALPHA-BISABOLOL | 0.007 | | 0.035 | | | | | | |
| ALPHA-PINENE | 0.007 | | 0.045 | | | | | | |
| SABINENE | 0.007 | | 0 | | | | | | |
| BETA-PINENE | 0.007 | | 0.086 | | | | | | |
| ALPHA-TERPINENE | 0.007 | | 0 | | | | | | |
| LIMONENE | 0.007 | | 1.412 | | | | | | |
| GAMMA-TERPINENE | 0.007 | | 0.16 | | | | | | |
| TERPINOLENE | 0.007 | | 0 | | | | | | |
| SABINENE HYDRATE | 0.007 | | 0 | | | | | | |
| FENCHYL ALCOHOL | 0.007 | | 0.053 | | | | | | |
| CAMPOR | 0.013 | | 0 | | | | | | |
| BORNEOL | 0.013 | | 0 | | | | | | |
| Total (%) | | | | | | | | | |