



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA01209004-007
Harvest/Lot ID: FPF143E-201204-01
Batch#: GSC-JC2-101620
Seed to Sale# FPF143E-201204-01
Batch Date: 12/04/20
Sample Size Received: 31.5 gram
Total Amount: 225 units
Retail Product Size: 3.5 gram
Ordered: 12/09/20
Sampled: 12/09/20
Completed: 12/19/20
Sampling Method: SOP.T.20.010

Dec 19, 2020 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US

PASSED

Pages 1 of 2

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 : 415.913 mg


Total CBD
0%

CBD/Container : 0 mg


Total Cannabinoids
0%

Total Cannabinoids/Container : 481.015 mg

| | CBDV | CBDA | CBGA | CBG | CBD | THCV | CBN | D9-THC | D8-THC | CBC | THCA | TOTAL CANNABINOIDS | TOTAL CBD | TOTAL THC |
|-----------|-------|-------|-------|-------|-----|-------|-------|--------|--------|-------|--------|--------------------|-----------|-----------|
| % mg/unit | 0 | 0 | 0.284 | 0 | 0 | 0 | 0 | 1.215 | 0 | 0.079 | 12.164 | 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:
0.2053g

Extraction date:
12/17/20 01:12:09

Extracted by:
1791

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

Analytical Batch : GA020081POT

Instrument Used : GA-HPLC-002 2040C (Carlito)

Analyzed Date : 12/17/20 16:28:22

Reviewed On : 12/18/20 10:32:47

Batch Date : 12/17/20 10:45:05

Dilution : 40

Reagent : 110320.54; 111920.R02; 111720.R08

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
12/19/20



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 : GA01209004-007
 Harvest/Lot ID: FPF143E-201204-01

 Batch# : GSC-JC2-101620 Sample Size Received : 31.5 gram
 Sampled : 12/09/20 Total Amount : 225 units
 Ordered : 12/09/20 Completed : 12/19/20 Expires: 12/19/21
 Sample Method : SOP.T.20.010

Page 2 of 2



Terpenes

TESTED

| Terpenes | LOD (%) | mg/unit | % | Result (%) | Terpenes | LOD (%) | mg/unit | % | Result (%) |
|---------------------|---------|---------|-------|------------|---|---------|---------|-------|------------|
| ALPHA-HUMULENE | 0.007 | | 0.113 | | 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 | 1.33 | 0.038 | |
| TERPINEOL | 0.007 | | 0.066 | | 3-CARENE | 0.007 | 0 | 0 | |
| TERPINOLENE | 0.007 | | 0.007 | | CIS-NEROLIDOL | 0.007 | 0 | 0 | |
| BETA-CARYOPHYLLENE | 0.007 | | 0.384 | | ISOPULEGOL | 0.007 | 0 | 0 | |
| TRANS-NEROLIDOL | 0.007 | | 0.045 | | <div>Analyzed by: 2155Weight: 1.0025gExtraction date: 12/15/20 01:12:33Extracted by: 1791</div> | | | | |
| VALENCENE | 0.007 | | 0 | | <div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FLReviewed On : 12/18/20 13:08:10</div> | | | | |
| ALPHA-BISABOLOL | 0.007 | | 0.043 | | <div>Analytical Batch : GA0199527ERBatch Date : 12/15/20 13:18:26</div> | | | | |
| CARYOPHYLLENE OXIDE | 0.007 | | 0 | | <div>Instrument Used : GA-GCMS-002 QP2010S</div> | | | | |
| CAMPHOR | 0.013 | | 0 | | <div>Analyzed Date : 12/17/20 09:10:43</div> | | | | |
| CAMPHENE | 0.007 | | 0 | | <div>Dilution : 10</div> | | | | |
| BORNEOL | 0.013 | | 0 | | <div>Reagent : 060920.22</div> | | | | |
| BETA-PINENE | 0.007 | | 0.025 | | <div>Consumables : 280630187; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042</div> | | | | |
| BETA-MYRCENE | 0.007 | | 0 | | <div>Pipette : N/A</div> | | | | |
| ALPHA-TERPINENE | 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> | | | | |
| ALPHA-PINENE | 0.007 | | 0.033 | | | | | | |
| CEDROL | 0.007 | | 0 | | | | | | |
| PULEGONE | 0.007 | | 0 | | | | | | |
| ALPHA-PHELLANDRENE | 0.007 | | 0 | | | | | | |
| OCIMENE | 0.007 | | 0 | | | | | | |
| NEROL | 0.007 | | 0 | | | | | | |
| LINALOOL | 0.007 | | 0.068 | | | | | | |
| LIMONENE | 0.007 | | 0.121 | | | | | | |
| 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 (%) | | | | | | | | | |