



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA11119002-004
Harvest/Lot ID: HVFV109-2111-1044
Batch#: DF-HGDP-2110-2943
Seed to Sale# HVFV109-2111-1044
Batch Date: 11/15/21
Sample Size Received: 15.5 gram
Total Amount: 2406 gram
Retail Product Size: 0.5
Ordered: 11/19/21
Sampled: 11/19/21
Completed: 11/23/21
Sampling Method: SOP.T.20.010

Nov 23, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



PASSED

Pages 1 of 2

PRODUCT IMAGE

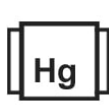


Box

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
81.849%
/Container : 409.245 mg



Total CBD
0%
/Container : 0 mg



Total Cannabinoids
84.886%
Total Cannabinoids/Container : 424.43 mg

	CBDV	CBDa	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.748	0	0	0.791	81.849	0	0.498	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:
1541

Weight:
0.0968g

Extraction date:
11/19/21 04:11:54

Extracted by:
3134

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA034414POT
Instrument Used : GA-HPLC-001 2030C Plus
Analyzed Date : N/A

Reviewed On : 11/22/21 10:42:14
Batch Date : 11/19/21 12:15:26

Dilution : 400
Reagent : 101921.01; 110821.R36; 092821.17; 061621.03; 111721.R61; 111721.R63
Consumables : 947.271; 470228-424; 9291.271; 200721; 12035-035CD-035C; RONB32898; 00295461
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
11/23/21



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 : GA1119002-004

Harvest/Lot ID: HVFV109-2111-1044

Batch# : DF-HGDP-2110-2943

Sampled : 11/19/21

Ordered : 11/19/21


Sample Size Received : 15.5 gram

Total Amount : 2406 gram

Completed : 11/23/21 Expires: 11/23/22

Sample Method : SOP.T.20.010

Page 2 of 2



Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPINEOL	0.007	0			BORNEOL	0.013	0	0	
CAMPENE	0.007	0			GERANIOL	0.007	0.14	0.014	
BETA-MYRCENE	0.007	1.526			PULEGONE	0.007	0	0	
3-CARENE	0.007	0.013			ALPHA-CEDRENE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0			ALPHA-HUMULENE	0.007	1.85	0.185	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0.18	0.018	
EUCALYPTOL	0.007	0			GUAJOL	0.007	0.07	0.007	
LINALOOL	0.007	0.21			<div> <div>Analyzed by: 2155</div> <div>Weight: 1.027g</div> <div>Extraction date: 11/19/21 02:11:08</div> <div>Extracted by: 3192</div> </div>				
FENCHONE	0.007	0			<div> <div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div> <div> <div>Analytical Batch : GA034413TER</div> <div>Instrument Used : GA-GCMS-005 QP2020NX</div> <div>Analyzed Date : 11/22/21 12:13:09</div> </div> <div>Reviewed On : 11/22/21 15:25:13</div> <div>Batch Date : 11/19/21 12:14:55</div> </div>				
ISOPULEGOL	0.007	0			<div> <div>Dilution : 100</div> <div>Reagent : 071221.09; 010421.48; 091021.R15</div> <div>Consumables : 947.271; 470228-424; 9291.197; 200721; 210419634; R0NB32898; 00295461</div> <div>Pipette : N/A</div> </div>				
ISOBORNEOL	0.007	0			<div> <div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div> </div>				
HEXAHYDROTHYMOL	0.007	0							
NEROL	0.007	0							
GERANYL ACETATE	0.007	0							
BETA-CARYOPHYLLENE	0.007	0.768							
VALENCENE	0.007	0.25							
CEDROL	0.007	0							
CIS-NEROLIDOL	0.007	0							
FARNESENE	0.007	0.007							
CARYOPHYLLENE OXIDE	0.007	0.115							
ALPHA-BISABOLOL	0.007	0.111							
ALPHA-PINENE	0.007	0.672							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.097							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0.12							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0.032							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0							
CAMPHOR	0.013	0							
Total (%)		4.086							

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
 11/23/21