



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA11119002-003
Harvest/Lot ID: HVFV115-2111-1036
Batch#: DF-BUGU-2110-0296
Seed to Sale# HVFV115-2111-1036
Batch Date: 11/12/21
Sample Size Received: 15.5 gram
Total Amount: 4023 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

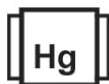


Box

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
79.293%
/Container : 396.465 mg



Total CBD
0%
/Container : 0 mg



Total Cannabinoids
83.472%
Total Cannabinoids/Container : 417.36 mg

	CBDV	CBD	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	0	2.153	0	0.554	1.125	79.293	0	0.347	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	0.001
LOD	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
1541

Weight:
0.0988g

Extraction date:
11/19/21 04:11:25

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.

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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 : GA1119002-003

Harvest/Lot ID: HVFV115-2111-1036

Batch# : DF-BUGU-2110-0296

Sampled : 11/19/21

Ordered : 11/19/21

Sample Size Received : 15.5 gram

Total Amount : 4023 gram

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

Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPENEOL	0.007	0.08			BORNEOL	0.013	0	0	
CAMPENE	0.007	0.02			GERANIOL	0.007	0.26	0.026	
BETA-MYRCENE	0.007	0.601			PULEGONE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-CEDRENE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0			ALPHA-HUMULENE	0.007	1.93	0.193	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0.14	0.014	
EUCALYPTOL	0.007	0			GUAJOL	0.007	0.14	0.014	
LINALOOL	0.007	0.247			Analyzed by: 2155				Weight: 1.1213g
FENCHONE	0.007	0			Extraction date: 11/19/21 02:11:56				Extracted by: 3192
ISOPULEGOL	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOBORNEOL	0.007	0			Analytical Batch : GA034413TER				Reviewed On : 11/22/21 15:25:12
HEXAHYDROTHYMOL	0.007	0			Instrument Used : GA-GCMS-005 QP2020NX				Batch Date : 11/19/21 12:14:55
NEROL	0.007	0.038			Analyzed Date : 11/22/21 12:13:09				
GERANYL ACETATE	0.007	0			Dilution : 100				
BETA-CARYOPHYLLENE	0.007	0.749			Reagent : 071221.09; 010421.48; 091021.R15				
VALENCENE	0.007	0.434			Consumables : 947.271; 470228-424; 9291.197; 200721; 210419634; R0NB32898; 00295461				
CEDROL	0.007	0			Pipette : N/A				
CIS-NEROLIDOL	0.007	0			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
FARNESENE	0.007	0.016							
CARYOPHYLLENE OXIDE	0.007	0.071							
ALPHA-BISABOLOL	0.007	0.095							
ALPHA-PINENE	0.007	0.087							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.154							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	1.368							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0.02							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.095							
CAMPHOR	0.013	0							
Total (%)			4.278						

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