



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA30515002-006
Harvest/Lot ID: HVFV105-2305-20696
Batch#: KC-41T-012323
Cultivation Facility: Gainesville Cultivation
Processing Facility : Gainesville Processing
Source Facility : Gainesville Cultivation
Seed to Sale# HVFV105-2305-20696
Batch Date: 05/09/23
Sample Size Received: 15.5 gram
Total Amount: 3322 units
Retail Product Size: .5 gram
Ordered: 05/15/23
Sampled: 05/15/23
Completed: 05/18/23
Sampling Method: SOP.T.20.010

May 18, 2023 | Liberty Health Sciences,
FL

18770 N CR 225
Gainesville, FL, 32609, US



PASSED

Pages 1 of 2

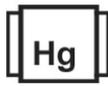
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filt
PASSED



Water Activity
PASSED



Moisture
NOT TESTED



Terpenes
TESTED

MISC.



Cannabinoid

PASSED



Total THC

85.816%

Total THC/Container : 429.08 mg



Total CBD

0.214%

Total CBD/Container : 1.07 mg



Total Cannabinoids

88.53%

Total Cannabinoids/Container : 442.65 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	85.816	ND	0.214	ND	ND	1.886	ND	0.272	0.342	ND	<0.2
mg/unit	429.08	ND	1.07	ND	ND	9.43	ND	1.36	1.71	ND	<1
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
3192, 2507, 3303

Weight:
0.1037g

Extraction date:
05/16/23 12:43:26

Extracted by:
3571

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA060217POT
Instrument Used : GA-HPLC-003 2030C PDA (Derivative)
Analyzed Date : 05/16/23 16:31:32

Reviewed On : 05/17/23 17:05:19
Batch Date : 05/15/23 13:06:51

Dilution : 400
Reagent : 030323.R43; 010421.44; 030823.04; 041423.R20; 050423.R29
Consumables : 927.100; 9291.100; 12532-225CD-225C; GA-169; 21/05/14; LLS-00-0005; R0NB32898; 46610-762A; 944C4 944J; 209598; 206639
Pipette : GA-002; GA-003; GA-004; GA-013

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
05/18/23



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 : GA30515002-006
Harvest/Lot ID: HVFV105-2305-20696

Batch# : KC-41T-012323 Sample Size Received : 15.5 gram
Sampled : 05/15/23 Total Amount : 3322 units
Ordered : 05/15/23 Completed : 05/18/23 Expires: 05/18/24
Sample Method : SOP.T.20.010

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Terpenes				TESTED			
Terpenes	LOD (%)	mg/unit %	Result (%)	Terpenes	LOD (%)	mg/unit %	Result (%)
TOTAL TERPENES	0.007	15.16	3.032	FARNESENE	0.001	1.26	0.252
TOTAL TERPENEOL	0.007	ND	ND	ALPHA-HUMULENE	0.007	0.885	0.177
ALPHA-BISABOLOL	0.007	<0.5	<0.1	VALENCENE	0.007	<0.5	<0.1
ALPHA-PINENE	0.007	<0.5	<0.1	CIS-NEROLIDOL	0.007	ND	ND
CAMPHENE	0.007	ND	ND	TRANS-NEROLIDOL	0.007	ND	ND
SABINENE	0.007	ND	ND	CARYOPHYLLENE OXIDE	0.007	<0.5	<0.1
BETA-PINENE	0.007	<0.5	<0.1	GUAIOL	0.007	ND	ND
BETA-MYRCENE	0.007	0.68	0.136	CEDROL	0.007	ND	ND
ALPHA-PHELLANDRENE	0.007	<0.5	<0.1	Analyzed by: 3317, 2155, 3303, 3192 Weight: 0.8329g Extraction date: 05/15/23 15:04:03 Extracted by: 3571 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA060220TER Instrument Used : GA-GCMS-005 QP2020NX (Derivative) Reviewed On : 05/17/23 17:02:34 Analyzed Date : 05/15/23 17:29:42 Batch Date : 05/15/23 13:09:10 Dilution : 50 Reagent : 021123.R06; 032223.04; 010421.44 Consumables : 927.100; 9291.100; 21/05/14; LLS-00-0005; 210419634; RON832898; 000000146137; 6211125; 944C4 944; 209598; 206639 Pipette : GA-002; GA-003; GA-004; GA-013 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.			
3-CARENE	0.007	<0.5	<0.1				
ALPHA-TERPINENE	0.007	<0.5	<0.1				
LIMONENE	0.007	0.765	0.153				
EUCALYPTOL	0.007	ND	ND				
OCIMENE	0.007	1.39	0.278				
GAMMA-TERPINENE	0.007	ND	ND				
SABINENE HYDRATE	0.007	ND	ND				
TERPINOLENE	0.007	5.72	1.144				
FENCHONE	0.007	ND	ND				
LINALOOL	0.007	<0.5	<0.1				
FENCHYL ALCOHOL	0.007	<0.5	<0.1				
ISOPULEGOL	0.007	ND	ND				
CAMPHOR	0.013	ND	ND				
ISOBORNEOL	0.007	ND	ND				
BORNEOL	0.013	ND	ND				
HEXAHYDROTHYMOL	0.007	ND	ND				
NEROL	0.007	ND	ND				
PULEGONE	0.007	ND	ND				
GERANIOL	0.007	ND	ND				
GERANYL ACETATE	0.007	ND	ND				
ALPHA-CEDRENE	0.007	ND	ND				
BETA-CARYOPHYLLENE	0.007	4.46	0.892				
Total (%)			3.032				

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