



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA30512001-001  
Harvest/Lot ID: HZFCLDZ119-2305-20669  
Batch#: MH-48D-030923-FF  
Cultivation Facility: Gainesville Cultivation  
Processing Facility: Gainesville Processing  
Source Facility: Gainesville Cultivation  
Seed to Sale#: HZFCLDZ119-2305-20669  
Batch Date: 05/08/23  
Sample Size Received: 16 gram  
Total Amount: 1208 units  
Retail Product Size: 1 gram  
Ordered: 05/12/23  
Sampled: 05/12/23  
Completed: 05/16/23  
Sampling Method: SOP.T.20.010

May 16, 2023 | Liberty Health Sciences,  
FL  
18770 N CR 225  
Gainesville, FL, 32609, US



**PASSED**

Pages 1 of 2

PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides <b>PASSED</b>	 Heavy Metals <b>PASSED</b>	 Microbials <b>PASSED</b>	 Mycotoxins <b>PASSED</b>	 Residuals Solvents <b>PASSED</b>	 FiltH <b>PASSED</b>	 Water Activity <b>PASSED</b>	 Moisture <b>NOT TESTED</b>	 Terpenes <b>TESTED</b>

 **Cannabinoid** **PASSED**

 <b>Total THC</b> <b>76.09%</b> Total THC/Container : 760.9 mg	 <b>Total CBD</b> <b>0%</b> Total CBD/Container : 0 mg	 <b>Total Cannabinoids</b> <b>86.258%</b> Total Cannabinoids/Container : 862.58 mg
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	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	24.774	58.514	ND	<0.2	ND	0.977	1.691	ND	<0.2	ND	0.302
mg/unit	247.74	585.14	ND	<2	ND	9.77	16.91	ND	<2	ND	3.02
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: 3317, 3192, 3303      Weight: 0.1083g      Extraction date: 05/12/23 14:00:27      Extracted by: 3571,3655

Analysis Method : SOP.T.40.031, SOP.T.30.031      Analytical Batch : GA060079POT      Instrument Used : GA-HPLC-001 2030C Plus (Derivative)      Reviewed On : 05/15/23 14:23:09      Analyzed Date : 05/13/23 16:38:41      Batch Date : 05/11/23 18:22:42

Dilution : 400  
Reagent : 030323.R43; 010421.44; 041023.04; 041423.R19; 050423.R30  
Consumables : GA-169; 947.109; 21/05/14; 9291.271; LLS-00-0005; 12543-226CD-226C; R0NB32898; 46610-762A; 944C4 944J; 209598; 212516  
Pipette : GA-003; GA-005; GA-007; GA-177

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  
05/16/23



# 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 : GA30512001-001  
Harvest/Lot ID: HZFLDZ119-2305-20669  
Batch# : MH-48D-030923-FF Sample Size Received : 16 gram  
Sampled : 05/12/23 Total Amount : 1208 units  
Ordered : 05/12/23 Completed : 05/16/23 Expires: 05/16/24  
Sample Method : SOP.T.20.010

Page 2 of 2

Terpenes				TESTED			
Terpenes	LOD (%)	mg/unit %	Result (%)	Terpenes	LOD (%)	mg/unit %	Result (%)
TOTAL TERPENES	0.007	29.92	2.992	FARNESENE	0.001	ND	ND
TOTAL TERPENEOL	0.007	0.68	0.068	ALPHA-HUMULENE	0.007	3.17	0.317
ALPHA-BISABOLOL	0.007	<1	<0.1	VALENCENE	0.007	ND	ND
ALPHA-PINENE	0.007	1.79	0.179	CIS-NEROLIDOL	0.007	ND	ND
CAMPHENE	0.007	ND	ND	TRANS-NEROLIDOL	0.007	<1	<0.1
SABINENE	0.007	ND	ND	CARYOPHYLLENE OXIDE	0.007	<1	<0.1
BETA-PINENE	0.007	1.12	0.112	GUAIOL	0.007	ND	ND
BETA-MYRCENE	0.007	3.85	0.385	CEDROL	0.007	ND	ND
ALPHA-PHELLANDRENE	0.007	ND	ND	Analyzed by: 2155, 3317, 2338, 3303 Weight: 1.0966g Extraction date: 05/13/23 10:54:45 Extracted by: 3655,3575 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA060064TER Instrument Used : GA-GCMS-005 QP2020NX (Derivative) Reviewed On : 05/14/23 13:20:39 Analyzed Date : 05/13/23 16:00:43 Batch Date : 05/11/23 11:20:35 Dilution : 50 Reagent : 021123.R06; 032223.04; 010421.44 Consumables : 212823; 947.109; 21/05/14; 9291.271; LLS-00-0005; 89012-780; RONB32898; 46610-762A; 031C4 - 031 J; 206639 Pipette : GA-002; GA-005; GA-177; GA-211 Dispenser *Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.			
3-CARENE	0.007	ND	ND				
ALPHA-TERPINENE	0.007	ND	ND				
LIMONENE	0.007	7.46	0.746				
EUCALYPTOL	0.007	ND	ND				
OCIMENE	0.007	ND	ND				
GAMMA-TERPINENE	0.007	ND	ND				
SABINENE HYDRATE	0.007	ND	ND				
TERPINOLENE	0.007	ND	ND				
FENCHONE	0.007	ND	ND				
LINALOOL	0.007	3.76	0.376				
FENCHYL ALCOHOL	0.007	<1	<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	<1	<0.1				
GERANYL ACETATE	0.007	ND	ND				
ALPHA-CEDRENE	0.007	ND	ND				
BETA-CARYOPHYLLENE	0.007	8.09	0.809				
<b>Total (%)</b>			<b>2.992</b>				

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**Miranda MacDonald**  
Lab Director

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05/16/23