



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: DA30421006-002
Harvest/Lot ID: LDWF103EA-2304-20215
Batch#: TF-49F-031923
Cultivation Facility: Gainesville Cultivation
Processing Facility: Gainesville Processing
Source Facility: Gainesville Cultivation
Seed to Sale#: LDWF103EA-2304-20215
Batch Date: 04/18/23
Sample Size Received: 52.5 gram
Total Amount: 3899 units
Retail Product Size: 3.5 gram
Ordered: 04/20/23
Sampled: 04/20/23
Completed: 04/25/23
Sampling Method: SOP.T.20.010

Apr 25, 2023 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



PASSED

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PRODUCT IMAGE



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

20.227%

Total THC/Container : 707.945 mg



Total CBD

0.059%

Total CBD/Container : 2.065 mg



Total Cannabinoids

23.761%

Total Cannabinoids/Container : 831.635 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	0.709	22.256	ND	0.068	0.047	0.059	0.553	<0.01	ND	ND	0.069
mg/unit	24.815	778.96	ND	2.38	1.645	2.065	19.355	<0.35	ND	ND	2.415
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:
1665, 585, 2338, 4044

Weight:
0.1908g

Extraction date:
04/21/23 12:13:37

Extracted by:
3335,1665

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : DA059095POT
Instrument Used : DA-LC-002
Analyzed Date : 04/21/23 12:16:59

Reviewed On : 04/25/23 09:57:22
Batch Date : 04/21/23 10:08:46

Dilution : 400
Reagent : 041923.R10; 030923.08; 041923.R05
Consumables : 280670723; CE0123; 61633-125C6-125E; R1KB45277
Pipette : DA-079; DA-108; DA-078

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.

Jorge Segredo
Lab Director

State License # CMTL-0002
ISO 17025 Accreditation # ISO/IEC
17025:2017 Accreditation P/LA-
Testing 97164



Signature
04/25/23

Revision: #1 - Client requested no dry weight be displayed on COAs



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 : DA30421006-002
Harvest/Lot ID: LDWF103EA-2304-20215

Batch# : TF-49F-031923
Sampled : 04/20/23
Ordered : 04/20/23

Sample Size Received : 52.5 gram
Total Amount : 3899 units
Completed : 04/25/23 Expires: 04/25/24
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	31.465	0.899		FARNESENE		2.625	0.075	
TOTAL TERPINEOL	0.007	<0.7	<0.02		ALPHA-HUMULENE	0.007	2.38	0.068	
ALPHA-BISABOLOL	0.007	ND	ND		VALENCENE	0.007	ND	ND	
ALPHA-PINENE	0.007	0.7	0.02		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	<0.7	<0.02	
BETA-PINENE	0.007	0.805	0.023		GUAIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	<0.7	<0.02		CEDROL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND						
3-CARENE	0.007	ND	ND		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL	Weight: 0.9701g	Extraction date: N/A		Extracted by: 2076
ALPHA-TERPINENE	0.007	ND	ND		Analysis Batch : DA0591111TER				Reviewed On : 04/24/23 11:13:04
LIMONENE	0.007	5.845	0.167		Instrument Used : DA-GCMS-005				Batch Date : 04/21/23 11:36:44
EUCALYPTOL	0.007	ND	ND		Analyzed Date : 04/22/23 16:42:39				
OCIMENE	0.007	ND	ND		Dilution : 10				
GAMMA-TERPINENE	0.007	ND	ND		Reagent : 121622 35				
SABINENE HYDRATE	0.007	ND	ND		Consumables : 210414634; MKCN995; CE0123; R1KB14270				
TERPINOLENE	0.007	<0.7	<0.02		Pipette : N/A				
FENCHONE	0.007	ND	ND		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
LINALOOL	0.007	4.34	0.124						
FENCHYL ALCOHOL	0.007	0.84	0.024						
ISOPULEGOL	0.007	ND	ND						
CAMPHOR	0.007	ND	ND						
ISOBORNEOL	0.007	ND	ND						
BORNEOL	0.013	<1.4	<0.04						
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
PULEGONE	0.007	ND	ND						
GERANIOL	0.007	<0.7	<0.02						
GERANYL ACETATE	0.007	ND	ND						
ALPHA-CEDRENE	0.007	<0.7	<0.02						
BETA-CARYOPHYLLENE	0.007	7.315	0.209						
Total (%)			0.899						

Analyzed by: 2076, 585, 4044 Analysis Method: SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch: DA059111TER Instrument Used: DA-GCMS-005 Analyzed Date: 04/22/23 16:42:39 Dilution: 10 Reagent: 121622.35 Consumables: 210414634; MKCN9995; CE0123; R1KB14270 Pipette: N/A	Weight: 0.9701g Extraction date: N/A Reviewed On: 04/24/23 11:13:04 Batch Date: 04/21/23 11:36:44	Extracted by: 2076
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Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.