



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: DA30513010-003
Harvest/Lot ID: LDWF152E-2305-20662
Batch#: HC-52H-041023
Cultivation Facility: Gainesville Cultivation
Processing Facility : Gainesville Processing
Source Facility : Gainesville Cultivation
Seed to Sale# LDWF152E-2305-20662
Batch Date: 05/09/23
Sample Size Received: 63 gram
Total Amount: 4674 units
Retail Product Size: 3.5 gram
Ordered: 05/12/23
Sampled: 05/12/23
Completed: 05/17/23
Sampling Method: SOP.T.20.010

May 17, 2023 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



PASSED

Pages 1 of 2

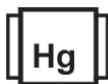
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
NOT TESTED



Filtration
PASSED



Water Activity
PASSED



Moisture
PASSED



Terpenes
TESTED

MISC.



Cannabinoid

PASSED



Total THC

21.822%

Total THC/Container : 763.77 mg



Total CBD

0.041%

Total CBD/Container : 1.435 mg



Total Cannabinoids

26.534%

Total Cannabinoids/Container : 928.69 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	1.36	23.332	ND	0.047	0.013	0.106	1.648	<0.01	ND	ND	0.028
mg/unit	47.6	816.62	ND	1.645	0.455	3.71	57.68	<0.35	ND	ND	0.98
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, 3112, 585, 1440

Weight:
 0.1855g

Extraction date:
 05/15/23 09:47:58

Extracted by:
 1665

Analysis Method : SOP.T.40.031, SOP.T.30.031
 Analytical Batch : DA060185POT
 Instrument Used : DA-LC-002 (Flower)
 Analyzed Date : 05/15/23 09:50:17

Reviewed On : 05/17/23 10:07:35
 Batch Date : 05/14/23 00:17:00

Dilution : 400
 Reagent : 050923.R10; 032123.11; 050923.R05
 Consumables : 280670723; CE0123; 61633-125C6-125E; R1KB14270
 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 PJLA-
 Testing 97164

Signature
 05/17/23



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 : DA30513010-003

Harvest/Lot ID: LDWF152E-2305-20662

Batch# : HC-52H-041023

Sampled : 05/12/23

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Sample Size Received : 63 gram

Total Amount : 4674 units

Completed : 05/17/23 Expires: 05/17/24

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	70.35	2.01		FARNESENE	0.007	2.87	0.082	
TOTAL TERPINEOL	0.007	<0.7	<0.02		ALPHA-HUMULENE	0.007	1.785	0.051	
ALPHA-BISABOLOL	0.007	<0.7	<0.02		VALENCENE	0.007	ND	ND	
ALPHA-PINENE	0.007	1.19	0.034		CIS-NEROLIDOL	0.007	0.7	0.02	
CAMPHENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	<0.7	<0.02	
SABINENE	0.007	<0.7	<0.02		CARYOPHYLLENE OXIDE	0.007	<0.7	<0.02	
BETA-PINENE	0.007	1.505	0.043		GUAIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	4.095	0.117		CEDROL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	2.66	0.076						
3-CARENE	0.007	0.805	0.023						
ALPHA-TERPINENE	0.007	<0.7	<0.02						
LIMONENE	0.007	1.4	0.04						
EUCALYPTOL	0.007	<0.7	<0.02						
OCIMENE	0.007	12.005	0.343						
GAMMA-TERPINENE	0.007	<0.7	<0.02						
SABINENE HYDRATE	0.007	ND	ND						
TERPINOLENE	0.007	17.01	0.486						
FENCHONE	0.007	ND	ND						
LINALOOL	0.007	1.68	0.048						
FENCHYL ALCOHOL	0.007	ND	ND						
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	6.335	0.181						
Total (%)			2.01						

Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : DA060207TER Instrument Used : DA-GCMS-008 Analyzed Date : 05/15/23 14:58:55 Dilution : 10 Reagent : 121622.28 Consumables : 210414634; MKCN9995; CE0123; R1KB14270 Pipette : N/A	Weight: 1.0223g Extraction date: 05/15/23 14:43:31 Reviewed On : 05/16/23 13:47:30 Batch Date : 05/15/23 09:02:18	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.