



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: DA30511009-002

Harvest/Lot ID: LDWF161E-2305-20606

Batch#: GG4-1G-041123

Cultivation Facility: Gainesville Cultivation

Processing Facility: Gainesville Processing

Source Facility: Gainesville Cultivation

Seed to Sale# LDWF161E-2305-20606

Batch Date: 05/04/23

Sample Size Received: 73.5 gram

Total Amount: 5602 units

Retail Product Size: 3.5 gram

Ordered: 05/10/23

Sampled: 05/10/23

Completed: 05/13/23

Sampling Method: SOP.T.20.010

May 13, 2023 | Liberty Health Sciences,
FL

18770 N CR 225

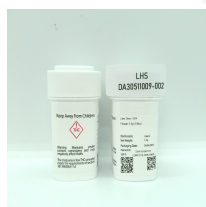
Gainesville, FL, 32609, US



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

20.07%

Total THC/Container : 702.45 mg



Total CBD

0.039%

Total CBD/Container : 1.365 mg



Total Cannabinoids

23.332%

Total Cannabinoids/Container : 816.62 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	0.882	21.88	ND	0.045	0.01	0.075	0.398	<0.01	0.019	ND	0.023
mg/unit	30.87	765.8	ND	1.575	0.35	2.625	13.93	<0.35	0.665	ND	0.805
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Analized by:
1665, 3112, 585, 4044

Weight:
0.2063g

Extraction date:
05/11/23 10:45:20

Extracted by:
1665

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : DA060047POT
Instrument Used : DA-LC-002 (Flower)
Analized Date : 05/11/23 10:47:41

Reviewed On : 05/12/23 10:33:57
Batch Date : 05/11/23 09:47:04

Dilution : 400
Reagent : 050923.R10; 070621.18; 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
05/13/23



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 : DA30511009-002

Harvest/Lot ID: LDWF161E-2305-20606

Batch# : GG4-1G-041123

Sampled : 05/10/23

Ordered : 05/10/23

Sample Size Received : 73.5 gram

Total Amount : 5602 units

Completed : 05/13/23 Expires: 05/13/24

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	61.11	1.746		FARNESENE	0.007	0.35	0.01	
TOTAL TERPENEOL	0.007	<0.7	<0.02		ALPHA-HUMULENE	0.007	5.985	0.171	
ALPHA-BISABOLOL	0.007	3.15	0.09		VALENCENE	0.007	ND	ND	
ALPHA-PINENE	0.007	0.945	0.027		CIS-NEROLIDOL	0.007	ND	ND	
CAMPHERE	0.007	<0.7	<0.02		TRANS-NEROLIDOL	0.007	ND	ND	
SABINENE	0.007	ND	ND		CARYOPHYLLENE OXIDE	0.007	<0.7	<0.02	
BETA-PINENE	0.007	1.295	0.037		GUAIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	11.41	0.326		CEDROL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND						
3-CARENE	0.007	ND	ND						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	ND	ND						
EUCALYPTOL	0.007	ND	ND						
OCIMENE	0.007	<0.7	<0.02						
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	2.065	0.059						
FENCHYL ALCOHOL	0.007	1.295	0.037						
ISOPULEGOL	0.007	<0.7	<0.02						
CAMPOR	0.013	ND	ND						
ISOBORNEOL	0.007	ND	ND						
BORNEOL	0.013	ND	ND						
HEXAHYDROTHYMOL	0.007	<0.7	<0.02						
NEROL	0.007	<0.7	<0.02						
PULEGONE	0.007	ND	ND						
GERANIOL	0.007	<0.7	<0.02						
GERANYL ACETATE	0.007	<0.7	<0.02						
ALPHA-CEDRENE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	19.74	0.564						
Total (%)			1.746						

Analyzed by:
2076, 585, 4044

Weight:
1.0021g

Extraction date:
05/11/23 11:25:54

Extracted by:
2076

Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL

Analytical Batch : DA060051TER

Instrument Used : DA-GCMS-004

Analyzed Date : N/A

Reviewed On : 05/13/23 12:58:22

Batch Date : 05/11/23 10:12:18

Dilution : 10

Reagent : 121622.29

Consumables : 210414634; MKCN9995; CE0123; R1KB14270

Pipette : N/A

Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.