



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: DA30512005-001  
Harvest/Lot ID: LDWF152E-2305-20650  
Batch#: HC-52H-041023  
Cultivation Facility: Gainesville Cultivation  
Processing Facility: Gainesville Processing  
Source Facility: Gainesville Processing  
Seed to Sale#: LDWF152E-2305-20650  
Batch Date: 05/08/23  
Sample Size Received: 63 gram  
Total Amount: 4607 units  
Retail Product Size: 3.5 gram  
Ordered: 05/11/23  
Sampled: 05/11/23  
Completed: 05/15/23  
Sampling Method: SOP.T.20.010

May 15, 2023 | Liberty Health Sciences,  
FL

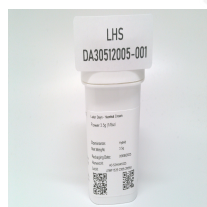
18770 N CR 225  
Gainesville, FL, 32609, US



**PASSED**

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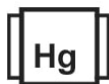
### PRODUCT IMAGE



### 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

**21.803%**

Total THC/Container : 763.105 mg



#### Total CBD

**0.039%**

Total CBD/Container : 1.365 mg



#### Total Cannabinoids

**26.488%**

Total Cannabinoids/Container : 927.08 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	1.397	23.268	ND	0.045	ND	0.103	1.64	<0.01	ND	ND	0.035
mg/unit	48.895	814.38	ND	1.575	ND	3.605	57.4	<0.35	ND	ND	1.225
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, 1440

Weight:  
0.2063g

Extraction date:  
05/12/23 11:57:19

Extracted by:  
1665

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : DA060092POT  
Instrument Used : DA-LC-002  
Analyzed Date : 05/12/23 11:59:31

Reviewed On : 05/13/23 13:26:49  
Batch Date : 05/12/23 10:03:58

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  
05/15/23



# 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 : DA30512005-001

Harvest/Lot ID: LDWF152E-2305-20650

Batch# : HC-52H-041023

Sampled : 05/11/23

Ordered : 05/11/23

Sample Size Received : 63 gram

Total Amount : 4607 units

Completed : 05/15/23 Expires: 05/15/24

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	85.505	2.443		FARNESENE	0.007	3.465	0.099	
TOTAL TERPENEOL	0.007	0.735	0.021		ALPHA-HUMULENE	0.007	2.17	0.062	
ALPHA-BISABOLOL	0.007	<0.7	<0.02		VALENCENE	0.007	ND	ND	
ALPHA-PINENE	0.007	1.645	0.047		CIS-NEROLIDOL	0.007	ND	ND	
CAMPHENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	<0.7	<0.02	
SABINENE	0.007	ND	ND		CARYOPHYLLENE OXIDE	0.007	<0.7	<0.02	
BETA-PINENE	0.007	2.03	0.058		GUAIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	5.11	0.146		CEDROL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	3.5	0.1						
3-CARENE	0.007	1.12	0.032						
ALPHA-TERPINENE	0.007	0.945	0.027						
LIMONENE	0.007	2.065	0.059						
EUCALYPTOL	0.007	<0.7	<0.02						
OCIMENE	0.007	14.07	0.402						
GAMMA-TERPINENE	0.007	<0.7	<0.02						
SABINENE HYDRATE	0.007	ND	ND						
TERPINOLENE	0.007	20.755	0.593						
FENCHONE	0.007	ND	ND						
LINALOOL	0.007	1.82	0.052						
FENCHYL ALCOHOL	0.007	<0.7	<0.02						
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	<0.7	<0.02						
GERANYL ACETATE	0.007	ND	ND						
ALPHA-CEDRENE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	7.805	0.223						
<b>Total (%)</b>			<b>2.443</b>						

<b>Analysis Method :</b> SOP.T.30.061A.FL, SOP.T.40.061A.FL <b>Analytical Batch :</b> DA06095TER <b>Instrument Used :</b> DA-GCMS-004 <b>Analyzed Date :</b> 05/12/23 16:34:25	<b>Weight:</b> 1.1058g <b>Extraction date:</b> 05/12/23 14:38:58 <b>Extracted by:</b> 2076
<b>Dilution :</b> 10 <b>Reagent :</b> N/A <b>Consumables :</b> 210414634; MKCN9995; CE0123; R1KB14270 <b>Pipette :</b> N/A	<b>Reviewed On :</b> 05/15/23 10:53:11 <b>Batch Date :</b> 05/12/23 10:17:41

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