



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA10416002-009
Harvest/Lot ID: FSZ105-210413-01
Batch#: DF-TRTW-040621
Seed to Sale# FSZ105-210413-01
Batch Date: 04/13/21
Sample Size Received: 18.4544 gram
Total Amount: 275 gram
Retail Product Size: 1.1534
Ordered: 04/16/21
Sampled: 04/16/21
Completed: 04/21/21
Sampling Method: SOP.T.20.010

Apr 21, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



PASSED

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PRODUCT IMAGE

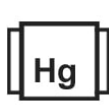


Box

SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
PASSED



Water Activity
PASSED



Moisture
NOT TESTED



Terpenes
TESTED

MISC.



Cannabinoid

PASSED



Total THC

0%

/Container : 910.85 mg



Total CBD

0%

/Container : 3.682 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 962.006 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.98	0.319	0.686	1.449	78.97	0	0	0
mg/g	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
LOD	%	%	%	%	%	%	%	%	%	%	%

Analized by:
2338

Weight:
0.101g

Extraction date:
04/19/21 01:04:12

Extracted by:
2206

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA025129POT
Instrument Used : GA-HPLC-001 2030C Plus (Carl)
Analized Date : 04/19/21 17:03:16

Reviewed On : 04/20/21 17:08:50
Batch Date : 04/19/21 08:08:58

Dilution : 40
Reagent : 010421.50; 021821.04; 041221.R15; 041221.R14
Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; 16466-042
Pipette : N/A

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.

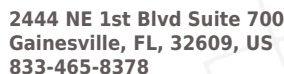
This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) 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.

Miranda MacDonald
Lab Director

State License # CMTL-0001
ISO 17025 Accreditation # ISO/IEC
17025:2017 Accreditation P/LA-
Testing 97164



Signature
04/21/21



PASSED

18770 N CR 225
Gainesville, FL, 32609, US
Telephone: (833) 254-4877
Email: Qualityassurance@libertyhealthsciences.com

Batch# : DF-TRTW-040621 Sample Size Received : 18.4544 gram
Sampled : 04/16/21 Total Amount : 275 gram
Ordered : 04/16/21 Completed : 04/21/21 Expires: 04/21/22
Sample Method : SOP T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPHENE	0.007	0			TERPINEOL	0.007	0.88	0.088	
BETA-MYRCENE	0.007	0.484			GERANIOL	0.007	0.12	0.012	
ALPHA-PHELLANDRENE	0.007	0.04			PULEGONE	0.007	0	0	
3-CARENE	0.007	0.069			ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007	0			ALPHA-HUMULENE	0.007	0.38	0.038	
EUCALYPTOL	0.007	0			TRANS-NEROLIDOL	0.007	0	0	
LINALOOL	0.007	0.08			GUAIAOL	0.007	0	0	
FENCHONE	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOPULEGOL	0.007	0			Analytical Batch : GA025120TER				Reviewed On : 04/20/21 15:12:34
ISOBORNEOL	0.007	0			Instrument Used : GA-GCMS-005 QP2020NX				Batch Date : 04/16/21 16:19:10
HEXAHYDROTHYMOL	0.007	0.02			Analyzed Date : 04/19/21 08:10:32				
NEROL	0.007	0.016			Dilution : 10				
GERANYL ACETATE	0.007	0			Reagent : 010421.36; 010421.50; 021121.36				
BETA-CARYOPHYLLENE	0.007	0.708			Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; 16466-042				
VALENCENE	0.007	0.146			Pipette : N/A				
CIS-NEROLIDOL	0.007	0			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
CARYOPHYLLENE OXIDE	0.007	0.059							
CEDROL	0.007	0							
FARNESENE	0.007	0.973							
ALPHA-BISABOLOL	0.007	0.039							
ALPHA-PINENE	0.007	0.151							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.223							
ALPHA-TERPINENE	0.007	0.014							
LIMONENE	0.007	0.437							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	1.359							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.06							
CAMPHOR	0.013	0							
BORNEOL	0.013	0							
Total (%)									

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Lab Director

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Testing 97164

Signature
04/21/21