



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA10825002-002
Harvest/Lot ID: PHFV100-2108-0145
Batch#: DF-JACK-080521
Seed to Sale# PHFV100-2108-0145
Batch Date: 08/20/21
Sample Size Received: 15.5 gram
Total Amount: 4673 gram
Retail Product Size: 0.5
Ordered: 08/25/21
Sampled: 08/25/21
Completed: 08/27/21
Sampling Method: SOP.T.20.010

Aug 31, 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 : 393.24 mg


Total CBD
0%

/Container : 1.05 mg


Total Cannabinoids
0%

Total Cannabinoids/Container : 413.805 mg

%
mg/g
LOD

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
	0	0	0	2.449	0.21	0.419	0.539	78.648	0	0.496	0
	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
2338

Weight:
0.1025g

Extraction date:
08/25/21 01:08:54

Extracted by:
2206

Analysis Method : SOP.T.40.031, SOP.T.30.031

Analytical Batch : GA030394POT

Instrument Used : GA-HPLC-002 2040C

Analyzed Date : N/A

Reviewed On : 08/26/21 11:36:06

Batch Date : 08/25/21 09:23:12

Dilution : 40

Reagent : 081121.R61; 081121.R63; 060220.R16; 010421.51; 061121.02

Consumables : 282066106; 947.271; 470228-424; 9291.271; 200111; 12035-035CD-035C; 000310748

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
08/27/21



Certificate of Analysis

PASSED

Liberty Health Sciences, FL

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

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPINEOL	0.007		0		BORNEOL	0.013	0	0	
CAMPHENE	0.007		0		GERANIOL	0.007	0.18	0.018	
BETA-MYRCENE	0.007		0.273		PULEGONE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007		0.083		ALPHA-CEDRENE	0.007	0	0	
3-CARENE	0.007		0.058		ALPHA-HUMULENE	0.007	1.01	0.101	
OCIMENE	0.007		0		TRANS-NEROLIDOL	0.007	1.09	0.109	
EUCALYPTOL	0.007		0		GUAJOL	0.007	0	0	
LINALOOL	0.007		0.017		Analyzed by: 2155	Weight: 1.0258g	Extraction date: 08/25/21 01:08:42	Extracted by: 2206	
FENCHONE	0.007		0		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOPULEGOL	0.007		0		Analytical Batch : GA030396TER				
ISOBORNEOL	0.007		0		Instrument Used : GA-GCMS-005 QP2020NX				
HEXAHYDROTHYMOL	0.007		0		Analyzed Date : 08/25/21 16:01:58				
NEROL	0.007		0		Dilution : 10				
GERANYL ACETATE	0.007		0		Reagent : 042921.R11; 010421.37				
BETA-CARYOPHYLLENE	0.007		0.879		Consumables : 947.271; 470228-424; 9291.271; 200111; 190611634; R0NB32898; 00295461				
VALENCENE	0.007		0.214		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		0.011						
CEDROL	0.007		0						
FARNESENE	0.007		0						
ALPHA-BISABOLOL	0.007		0.054						
ALPHA-PINENE	0.007		0.152						
SABINENE	0.007		0						
BETA-PINENE	0.007		0.172						
ALPHA-TERPINENE	0.007		0.052						
LIMONENE	0.007		0.38						
GAMMA-TERPINENE	0.007		0						
TERPINOLENE	0.007		1.884						
SABINENE HYDRATE	0.007		0						
FENCHYL ALCOHOL	0.007		0.019						
CAMPHOR	0.013		0						
Total (%)									