



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10924001-001
Harvest/Lot ID: PHFD100-2109-1785
Batch#: DF-JACK-2109-1236
Seed to Sale# PHFD100-2109-1785
Batch Date: 09/21/21
Sample Size Received: 15.3 gram
Total Amount: 1656 gram
Retail Product Size: 0.3
Ordered : 09/24/21
Sampled : 09/24/21
Completed: 09/28/21
Sampling Method: SOP.T.20.010

Sep 28, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



PASSED

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PRODUCT IMAGE

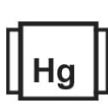


Box

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 : 243.499 mg



Total CBD

0%

/Container : 0 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 254.225 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	2.142	0	0.401	0.729	81.166	0	0.302	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	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
2338

Weight:
0.1056g

Extraction date:
09/24/21 11:09:00

Extracted by:
2820

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

Analytical Batch : GA031695POT

Instrument Used : GA-HPLC-003 2030C PDA

Analyzed Date : 09/24/21 13:39:57

Reviewed On : 09/28/21 12:47:00

Batch Date : 09/23/21 13:53:53

Dilution : 400

Reagent : 060220.R16; 010421.51; 060821.16; 092421.R43; 092421.R44

Consumables : 282066106; 947.271; 470228-424; 9291.271; 200721; 12224-108CD-108C; 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
09/28/21



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	0.17	0.017	
BETA-MYRCENE	0.007	0.285			PULEGONE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0.247			ALPHA-CEDRENE	0.007	0	0	
3-CARENE	0.007	0.082			ALPHA-HUMULENE	0.007	1.59	0.159	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	1.06	0.106	
EUCALYPTOL	0.007	0			GUAJOL	0.007	0.28	0.028	
LINALOOL	0.007	0.037			Analyzed by: 2155	Weight: 0.9958g	Extraction date: 09/24/21 11:09:29	Extracted by: 3057	
FENCHONE	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOPULEGOL	0.007	0			Analytical Batch : GA031696TER				
ISOBORNEOL	0.007	0			Instrument Used : GA-GCMS-005 QP2020NX				
HEXAHYDROTHYMOL	0.007	0.012			Analyzed Date : 09/24/21 16:39:51				
NEROL	0.007	0.016			Dilution : 100				
GERANYL ACETATE	0.007	0			Reagent : 091021.R15; 010421.32; 010421.51				
BETA-CARYOPHYLLENE	0.007	0.861			Consumables : 947.271; 470228-424; 9291.271; 200721; 210419634; R0NB32898; 00299409				
VALENCENE	0.007	0.23			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	0.025							
CEDROL	0.007	0							
FARNESENE	0.007	0							
ALPHA-BISABOLOL	0.007	0.064							
ALPHA-PINENE	0.007	0.153							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.172							
ALPHA-TERPINENE	0.007	0.113							
LIMONENE	0.007	0.405							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	1.954							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.025							
CAMPHOR	0.013	0							
Total (%)									