



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: DA01230007-003
Harvest/Lot ID: PHFV103-201218-01
Batch#: DF-JACK-112720
Seed to Sale# PHFV103-201218-01
Batch Date: 12/18/20
Sample Size Received: 15.5 gram
Total Amount: 1021 units
Retail Product Size: 0.4939
Ordered: 12/29/20
Sampled: 12/29/20
Completed: 05/21/21
Sampling Method: SOP.T.20.010

PASSED

May 21, 2021 | Liberty Health Sciences,
FL

18770 N CR 225
Gainesville, FL, 32609, US



Pages 1 of 2

PRODUCT IMAGE

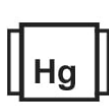


box

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 : 398.701 mg



Total CBD
0%

/Container : 1.62 mg



Total Cannabinoids
0%

Total Cannabinoids/Container : 424.922 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	3.42	0.328	0.713	0.579	80.725	0.066	0.203	0
mg/unit											
LOD	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001
%											

Analyzed by:
450

Weight:
0.1081g

Extraction date:
12/30/20 04:12:44

Extracted by:
1823

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

Analytical Batch : DA020588POT

Instrument Used : DA-LC-003

Analyzed Date : 12/30/20 19:51:44

Reviewed On : 01/05/21 16:23:52

Batch Date : 12/30/20 08:57:19

Dilution : 400

Reagent : 110520.52; 122320.R14; 123020.R13

Consumables : 280670723; 11989-024CC-024; 76262-590; 914C4-914AK; 929C6-929H

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.

Jorge Segredo

Lab Director

State License # CMTL-0002
ISO 17025 Accreditation # ISO/IEC
17025:2017 Accreditation PJLA-
Testing 97164



Signature
05/21/21



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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Harvest/Lot ID: PHFV103-201218-01

Batch# : DF-JACK-112720

Sampled : 12/29/20

Ordered : 12/29/20


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Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
CAMPENE	0.007	0			TERPINEOL	0.007	0.637	0.129	
BETA-MYRCENE	0.007	0.17			GERANIOL	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0.019			PULEGONE	0.007	0	0	
3-CARENE	0.007	0.028			ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007	0			ALPHA-HUMULENE	0.007	0.563	0.114	
EUCALYPTOL	0.007	0			TRANS-NEROLIDOL	0.007	0.182	0.037	
LINALOOL	0.007	0			GUAJOL	0.007	0	0	
FENCHONE	0.007	0			<div>Analyzed by: 1351Weight: 0.9740gExtraction date: 12/30/20 02:12:32Extracted by: 1351</div>				
ISOPULEGOL	0.007	0			<div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : DA0205597ER Instrument Used : DA-GCMS-005 Analyzed Date : 12/31/20 11:56:04 Reviewed On : 01/04/21 09:28:32 Batch Date : 12/29/20 10:17:09</div>				
ISOBORNEOL	0.007	0			<div>Dilution : 10 Reagent : 122820.R21; 122820.R22; 111320.R15; 120820.R29 Consumables : 287035261; 76262-590 Pipette : N/A</div>				
HEXAHYDROTHYMOL	0.007	0			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
NEROL	0.007	0							
GERANYL ACETATE	0.007	0							
BETA-CARYOPHYLLENE	0.007	0.835							
VALENCENE	0.007	0.126							
CIS-NEROLIDOL	0.007	0							
CARYOPHYLLENE OXIDE	0.007	0							
CEDROL	0.007	0							
FARNESENE	0.007	0							
ALPHA-BISABOLOL	0.007	0							
ALPHA-PINENE	0.007	0.128							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.129							
ALPHA-TERPINENE	0.007	0.003							
LIMONENE	0.007	0.349							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	1.202							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0							
CAMPHOR	0.013	0							
BORNEOL	0.013	0							
Total (%)									