



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10316002-008
Harvest/Lot ID: PFFS104-210301-01
Batch#: DF-1T1C-CRS-022321
Seed to Sale# PFFS104-210301-01
Batch Date: 03/01/21
Sample Size Received: 16 gram
Total Amount: 500 gram
Retail Product Size: 1.1664
Ordered: 03/16/21
Sampled: 03/16/21
Completed: 03/18/21
Sampling Method: SOP.T.20.010

Mar 19, 2021 | Liberty Health Sciences, FL
18770 N CR 225
Gainesville, FL, 32609, US

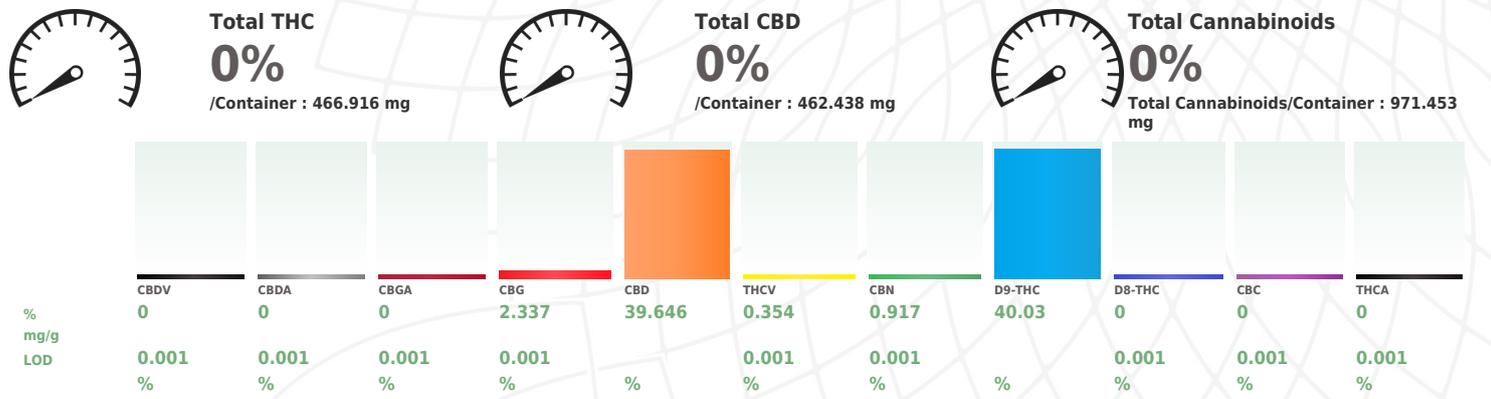


PASSED

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PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents PASSED	 Filtration PASSED	 Water Activity PASSED	 Moisture NOT TESTED	 Terpenes TESTED

Cannabinoid	PASSED
	



Analyzed by: 2338 Weight: 0.1046g Extraction date: 03/16/21 02:03:20 Extracted by: 2206
 Analysis Method : SOP.T.40.031, SOP.T.30.031 Reviewed On : 03/17/21 15:11:03
 Analytical Batch : GA023856POT Batch Date : 03/16/21 08:54:25
 Instrument Used : GA-HPLC-001 2030C Plus (Carl) Dilution : 40
 Analyzed Date : 03/16/21 17:37:41 Reagent : 110520.06; 010621.02; 030921.R23; 022621.R24
 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
03/18/21



Certificate of Analysis

PASSED

Liberty Health Sciences, FL

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

Sample : GA10316002-008
Harvest/Lot ID: PPF5104-210301-01

Batch# : DF-1TIC-CRS-022321 Sample Size Received : 16 gram
Sampled : 03/16/21 Total Amount : 500 gram
Ordered : 03/16/21 Completed : 03/18/21 Expires: 03/18/22
Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPENE	0.007	0			TERPINEOL	0.007	0.38	0.038	
BETA-MYRCENE	0.007	4.267			GERANIOL	0.007	0.5	0.05	
ALPHA-PHELLANDRENE	0.007	0			PULEGONE	0.007	0	0	
3-CARENE	0.007	0.002			ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007	0			ALPHA-HUMULENE	0.007	0.75	0.075	
EUCALYPTOL	0.007	0			TRANS-NEROLIDOL	0.007	0.43	0.043	
LINALOOL	0.007	0.341			GUAJOL	0.007	0.4	0.04	
FENCHONE	0.007	0							
ISOPULEGOL	0.007	0							
ISOBORNEOL	0.007	0							
HEXAHYDROTHYMOL	0.007	0							
NEROL	0.007	0.011							
GERANYL ACETATE	0.007	0							
BETA-CARYOPHYLLENE	0.007	0.181							
VALENCENE	0.007	0							
CIS-NEROLIDOL	0.007	0							
CARYOPHYLLENE OXIDE	0.007	0							
CEDROL	0.007	0							
FARNESENE	0.007	0							
ALPHA-BISABOLOL	0.007	0.092							
ALPHA-PINENE	0.007	0.809							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.208							
ALPHA-TERPINENE	0.007	0.011							
LIMONENE	0.007	0.354							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0.01							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.035							
CAMPHOR	0.013	0.01							
BORNEOL	0.013	0							
Total (%)									

Analyzed by: 1541 Weight: 0.9959g Extraction date: 03/16/21 01:03:54 Extracted by: 2103

Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL
Analytical Batch : GA023895TER Reviewed On : 03/18/21 16:18:54
Instrument Used : GA-GCMS-002 QP2010S Batch Date : 03/16/21 11:17:26
Analyzed Date : 03/16/21 15:59:58

Dilution : 10
Reagent : 010421.38
Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; 16466-042
Pipette : N/A

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