



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10223002-012
Harvest/Lot ID: PPFS101-210211-01
Batch#: DF-GFKU-020821
Seed to Sale# PPFS101-210211-01
Batch Date: 02/11/21
Sample Size Received: 16.2 gram
Total Amount: 1061
Retail Product Size: 1.1215
Ordered: 02/23/21
Sampled: 02/23/21
Completed: 02/26/21
Sampling Method: SOP.T.20.010

Mar 01, 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 : 907.913 mg


Total CBD
0%

/Container : 2.881 mg


Total Cannabinoids
0%

Total Cannabinoids/Container : 959.291 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	2.533	0.256	0.373	0.868	80.955	0	0.549	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:
0.1114g

Extraction date:
02/25/21 02:02:38

Extracted by:
650

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA022996POT
Instrument Used : GA-HPLC-001 2030C Plus (Carl)
Analyzed Date : 02/25/21 17:00:09

Reviewed On : 02/26/21 12:54:54
Batch Date : 02/25/21 09:27:49

Dilution : 40
Reagent : 010621.13; 022321.R02; 022221.R30
Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179); 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 PJLA-
Testing 97164


Signature
02/26/21



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 : GA10223002-012
 Harvest/Lot ID: PPFS101-210211-01

 Batch# : DF-GFKU-020821 Sample Size Received : 16.2 gram
 Sampled : 02/23/21 Total Amount : 1061
 Ordered : 02/23/21 Completed : 02/26/21 Expires: 02/26/22
 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		0.015		TERPINEOL	0.007	2.11	0.211	
BETA-MYRCENE	0.007		0.813		GERANIOL	0.007	0.43	0.043	
ALPHA-PHELLANDRENE	0.007		0		PULEGONE	0.007	0	0	
3-CARENE	0.007		0		ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007		0		ALPHA-HUMULENE	0.007	2.61	0.261	
EUCALYPTOL	0.007		0		TRANS-NEROLIDOL	0.007	0	0	
LINALOOL	0.007		0.409		GUAJOL	0.007	0	0	
FENCHONE	0.007		0		<div> <div>Analyzed by: 2155</div> <div>Weight: 1.0348g</div> <div>Extraction date: N/A</div> <div>Extracted by: N/A</div> </div>				
ISOPULEGOL	0.007		0		<div> <div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div> <div> <div>Analytical Batch : GA022969TER</div> <div>Instrument Used : GA-GCMS-002 QP2010S</div> <div>Analyzed Date : 02/25/21 09:46:56</div> </div> <div> <div>Reviewed On : 02/25/21 16:07:56</div> <div>Batch Date : 02/24/21 12:04:45</div> </div> </div>				
ISOBORNEOL	0.007		0		<div> <div>Dilution : 10</div> <div>Reagent : 060920.20</div> <div>Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179); P734631 / P7411895; 16466-042</div> <div>Pipette : N/A</div> </div>				
HEXAHYDROTHYMOL	0.007		0		<div> <div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div> </div>				
NEROL	0.007		0						
GERANYL ACETATE	0.007		0						
BETA-CARYOPHYLLENE	0.007		1.415						
VALENCENE	0.007		0.771						
CIS-NEROLIDOL	0.007		0						
CARYOPHYLLENE OXIDE	0.007		0.013						
CEDROL	0.007		0						
FARNESENE	0.007		0						
ALPHA-BISABOLOL	0.007		0.191						
ALPHA-PINENE	0.007		0.14						
SABINENE	0.007		0						
BETA-PINENE	0.007		0.28						
ALPHA-TERPINENE	0.007		0						
LIMONENE	0.007		1.965						
GAMMA-TERPINENE	0.007		0						
TERPINOLENE	0.007		0.014						
SABINENE HYDRATE	0.007		0						
FENCHYL ALCOHOL	0.007		0.179						
CAMPOR	0.013		0						
BORNEOL	0.013		0.009						
Total (%)									