



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10922002-006
Harvest/Lot ID: DPFV102-2109-1235
Batch#: DF-PAMA-2108-0571
Cultivation Facility:
Processing Facility:
Distributor Facility:
Source Facility:
Seed to Sale# DPFV102-2109-1235
Batch Date: 09/13/21
Sample Size Received: 15.5 gram
Total Amount: 1911 gram
Retail Product Size: 0.5 gram
Ordered : 09/22/21
Sampled : 09/22/21
Completed: 09/24/21
Sampling Method: SOP.T.20.010

Sep 24, 2021 | Liberty Health Sciences, FL
18770 N CR 225
Gainesville, FL, 32609, US



PASSED

Pages 1 of 2

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

Box

 **Cannabinoid** **PASSED**

 Total THC 0% /Container : 405.124 mg	 Total CBD 0% /Container : 1.252 mg	 Total Cannabinoids 0% Total Cannabinoids/Container : 425.28 mg
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	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.922	0.25	0.331	0.991	81.024	0	0.534	0
mg/g											
LOD	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: 0.1004g Extraction date: 09/22/21 04:09:00 Extracted by: 2821

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA031599POT
Instrument Used : GA-HPLC-003 2030C PDA
Running on : N/A
Reviewed On : 09/23/21 11:22:40
Batch Date : 09/22/21 08:43:16

Dilution : 40
Reagent : 060220.R16; 010421.51; 060821.13; 091021.R40; 091521.R51
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



Signature

09/24/21

Signed On

State License # CMTL-0001
ISO 17025 Accreditation # ISO/IEC
17025:2017 Accreditation P/LA-
Testing 97164



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 : GA10922002-006
Harvest/Lot ID: DPFV102-2109-1235

Batch# : DF-PAMA-2108-0571 Sample Size Received : 15.5 gram
Sampled : 09/22/21 Total Amount : 1911 gram
Ordered : 09/22/21 Completed : 09/24/21 Expires: 09/24/22
Sample Method : SOP.T.20.010

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Terpenes				TESTED			
Terpenes	LOD (%)	mg/g %	Result (%)	Terpenes	LOD (%)	mg/g %	Result (%)
TOTAL TERPENEOL	0.007	0		BORNEOL	0.013	0 0	
CAMPHENE	0.007	0		GERANIOL	0.007	0 0	
BETA-MYRCENE	0.007	0		PULEGONE	0.007	0 0	
ALPHA-PHELLANDRENE	0.007	0		ALPHA-CEDRENE	0.007	0 0	
3-CARENE	0.007	0		ALPHA-HUMULENE	0.007	0 0	
OCIMENE	0.007	0		TRANS-NEROLIDOL	0.007	0 0	
EUCALYPTOL	0.007	0		GUAIOL	0.007	0 0	
LINALOOL	0.007	0					
FENCHONE	0.007	0					
ISOPULEGOL	0.007	0					
ISOBORNEOL	0.007	0					
HEXAHYDROTHYMOL	0.007	0					
NEROL	0.007	0					
GERANYL ACETATE	0.007	0					
BETA-CARYOPHYLLENE	0.007	0					
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	0.061					
ALPHA-PINENE	0.007	0					
SABINENE	0.007	0					
BETA-PINENE	0.007	0					
ALPHA-TERPINENE	0.007	0					
LIMONENE	0.007	1.189					
GAMMA-TERPINENE	0.007	0					
TERPINOLENE	0.007	0					
SABINENE HYDRATE	0.007	0					
FENCHYL ALCOHOL	0.007	0					
CAMPHOR	0.013	0					
Total (%)							

Terpenes	LOD (%)	mg/g %	Result (%)
BORNEOL	0.013	0 0	
GERANIOL	0.007	0 0	
PULEGONE	0.007	0 0	
ALPHA-CEDRENE	0.007	0 0	
ALPHA-HUMULENE	0.007	0 0	
TRANS-NEROLIDOL	0.007	0 0	
GUAIOL	0.007	0 0	

Analyzed by: 2155 Weight: 1.0009g Extraction date: 09/22/21 02:09:22 Extracted by: 3057
 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL
 Analytical Batch : GA031598TER Reviewed On : 09/23/21 17:55:14
 Instrument Used : GA-GCMS-002 QP2010S Batch Date : 09/22/21 08:43:06
 Running on : 09/22/21 16:32:17

Dilution : 10
 Reagent : 010421.51; 091021.R15; 010421.41
 Consumables : 210419634; 947.271; 470228-424; 9291.271; 200721; RONB32898; 00311783
 Pipette : N/A

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