



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample:** GA11007002-002  
**Harvest/Lot ID:** PHFD106-2109-1643  
**Batch#:** DF-POGK-2109-1245  
**Seed to Sale#** PHFD106-2109-1643  
**Batch Date:** 09/20/21  
**Sample Size Received:** 15.3 gram  
**Total Amount:** 1714 gram  
**Retail Product Size:** .3  
**Ordered :** 10/07/21  
**Sampled :** 10/07/21  
**Completed:** 10/11/21  
**Sampling Method:** SOP.T.20.010

**PASSED**

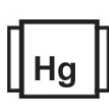
Oct 11, 2021 | Liberty Health Sciences, FL  
 18770 N CR 225  
 Gainesville, FL, 32609, US



Pages 1 of 2

**PRODUCT IMAGE**

**SAFETY RESULTS**

**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 : 229.083 mg


**Total CBD**
**0%**

/Container : 0 mg


**Total Cannabinoids**
**0%**

Total Cannabinoids/Container : 238.062 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.97	0	0	0.741	76.361	0	0.282	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	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:  
0.1009g

Extraction date:  
10/07/21 11:10:59

Extracted by:  
3057

Analysis Method : SOP.T.40.031, SOP.T.30.031  
 Analytical Batch : GA032280POT  
 Instrument Used : GA-HPLC-003 2030C PDA  
 Analyzed Date : 10/07/21 13:59:25

Reviewed On : 10/08/21 14:38:36  
 Batch Date : 10/07/21 09:35:02

Dilution : 400  
 Reagent : 060220.R16; 010421.48; 092821.11; 111120.09; 061621.03; 093021.R14; 093021.R18  
 Consumables : 947.271; 470228-424; 9291.271; 200721; 12035-032CD-032C; R0NB32898; 00311783  
 Pipette : N/A

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.



# 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 : GA11007002-002  
 Harvest/Lot ID: PHFD106-2109-1643

 Batch# : DF-POGK-2109-1245 Sample Size Received : 15.3 gram  
 Sampled : 10/07/21 Total Amount : 1714 gram  
 Ordered : 10/07/21 Completed : 10/11/21 Expires: 10/11/22  
 Sample Method : SOP.T.20.010

Page 2 of 2



## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPINEOL	0.007	0			BORNEOL	0.013	0.15	0.015	
CAMPHENE	0.007	0.034			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	1.002			PULEGONE	0.007	0.41	0.041	
3-CARENE	0.007	0.017			ALPHA-CEDRENE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0			ALPHA-HUMULENE	0.007	3	0.3	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0.27	0.027	
EUCALYPTOL	0.007	0			GUAJOL	0.007	0.34	0.034	
LINALOOL	0.007	0.441			Analyzed by: 2155	Weight: 1.0084g	Extraction date: 10/07/21 10:10:02	Extracted by: 1791	
FENCHONE	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOPULEGOL	0.007	0			Analytical Batch : GA032279TER				
ISOBORNEOL	0.007	0.01			Instrument Used : GA-GCMS-002 QP2010S				
HEXAHYDROTHYMOL	0.007	0			Reviewed On : 10/08/21 16:18:58				
NEROL	0.007	0			Batch Date : 10/07/21 09:34:56				
GERANYL ACETATE	0.007	0			Analyzed Date : 10/07/21 15:27:07				
BETA-CARYOPHYLLENE	0.007	0.835			Dilution : 100				
VALENCENE	0.007	0			Reagent : 010421.32; 010421.48				
CEDROL	0.007	0			Consumables : 947.271; 470228-424; 9291.271; 200721; 210419634; RONB32898				
CIS-NEROLIDOL	0.007	0			Pipette : N/A				
FARNESENE	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	0.065							
ALPHA-BISABOLOL	0.007	0.132							
ALPHA-PINENE	0.007	0.122							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.203							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	1.39							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0.022							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.159							
CAMPHOR	0.013	0							
Total (%)									