



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA11008002-003  
Harvest/Lot ID: FVZ105-2109-2217  
Batch#: DF-IND-2109-1180  
Seed to Sale# FVZ105-2109-2217  
Batch Date: 09/23/21  
Sample Size Received: 15.5 gram  
Total Amount: 3074 gram  
Retail Product Size: .5  
Ordered : 10/08/21  
Sampled : 10/08/21  
Completed: 10/12/21  
Sampling Method: SOP.T.20.010

**PASSED**

Oct 12, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US



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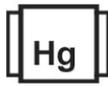
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**PASSED**



Moisture  
**NOT TESTED**



Terpenes  
**TESTED**

MISC.

Box



**Cannabinoid**

**PASSED**



Total THC

**0%**

/Container : 397.695 mg



Total CBD

**0%**

/Container : 1.33 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 424.305 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	2.179	0.266	0.405	1.923	79.539	0	0.549	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:  
0.0981g

Extraction date:  
10/08/21 12:10:43

Extracted by:  
2507

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA032365POT  
Instrument Used : GA-HPLC-003 2030C PDA  
Analyzed Date : 10/08/21 14:29:32

Reviewed On : 10/11/21 14:07:12  
Batch Date : 10/08/21 11:01:42

Dilution : 400  
Reagent : 060220.R16; 010421.51; 092821.11; 093021.R15; 100821.R20  
Consumables : 947.271; 470228-424; 9291.271; 200721; 12035-035CD-035C; RONB32898; 00311783  
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

10/12/21

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 : GA11008002-003

Harvest/Lot ID: FVZ105-2109-2217

Batch# : DF-IND-2109-1180

Sampled : 10/08/21

Ordered : 10/08/21

Sample Size Received : 15.5 gram

Total Amount : 3074 gram

Completed : 10/12/21 Expires: 10/12/22

Sample Method : SOP.T.20.010

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## Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPINEOL	0.007	0			BORNEOL	0.013	0	0	
CAMPHENE	0.007	0			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	1.038			PULEGONE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-CEDRENE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0			ALPHA-HUMULENE	0.007	3.84	0.384	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	1.36	0.136	
EUCALYPTOL	0.007	0			GUAIOL	0.007	0.43	0.043	
LINALOOL	0.007	0.909			<b>Analyzed by:</b> 2155 <b>Weight:</b> 0.9917g <b>Extraction date:</b> 10/08/21 12:10:00 <b>Extracted by:</b> 3057				
FENCHONE	0.007	0			<b>Analysis Method :</b> SOP.T.30.061A.FL, SOP.T.40.061A.FL <b>Analytical Batch :</b> GA032364TER <b>Reviewed On :</b> 10/11/21 13:31:01 <b>Instrument Used :</b> GA-GCMS-002 QP2010S <b>Batch Date :</b> 10/08/21 11:01:10 <b>Analyzed Date :</b> 10/08/21 16:00:10				
ISOPULEGOL	0.007	0			<b>Dilution :</b> 100 <b>Reagent :</b> 091021.R15; 010421.32; 010421.51 <b>Consumables :</b> 947.271; 470228-424; 9291.271; 200721; 210419634; RONB32898; 000310748 <b>Pipette :</b> N/A				
ISOBORNEOL	0.007	0			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
HEXAHYDROTHYMOL	0.007	0							
NEROL	0.007	0							
GERANYL ACETATE	0.007	0							
BETA-CARYOPHYLLENE	0.007	2.195							
VALENCENE	0.007	0							
CEDROL	0.007	0							
CIS-NEROLIDOL	0.007	0							
FARNESENE	0.007	0							
CARYOPHYLLENE OXIDE	0.007	0.089							
ALPHA-BISABOLOL	0.007	0.364							
ALPHA-PINENE	0.007	0.61							
SABINENE	0.007	0							
BETA-PINENE	0.007	0							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	0.406							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0							
CAMPHOR	0.013	0							
<b>Total (%)</b>									