



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA10305003-002  
Harvest/Lot ID: FVZ106-210219-01  
Batch#: DF-SAT-021021  
Seed to Sale# FVZ106-210219-01  
Batch Date: 02/19/21  
Sample Size Received: 15.5 gram  
Total Amount: 1946  
Retail Product Size: 0.519  
Ordered: 03/05/21  
Sampled: 03/05/21  
Completed: 03/10/21  
Sampling Method: SOP.T.20.010

Mar 10, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US



**PASSED**

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### PRODUCT IMAGE

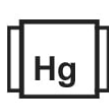


Box

### 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 : 406.587 mg



Total CBD

**0%**

/Container : 1.468 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 433.845 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	3.167	0.282	0.434	1.197	78.225	0	0.152	0.131
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:  
0.1079g

Extraction date:  
N/A

Extracted by:  
N/A

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA023446POT  
Instrument Used : GA-HPLC-001 2030C Plus (Carl)  
Analyzed Date : 03/08/21 18:09:23

Reviewed On : 03/09/21 14:51:30  
Batch Date : 03/05/21 12:40:08

Dilution : 40  
Reagent : 022421.R04; 030221.R13; 021121.32; 110520.05  
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.

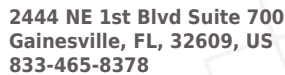
This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) 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  
03/10/21



Sativa THC 400mg Distillate Cartridge  
N/A  
Matrix : Derivative



# PASSED

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

Batch# : DF-SAT-021021      Sample Size Received : 15.5 gram  
 Sampled : 03/05/21      Total Amount : 1946  
 Ordered : 03/05/21      Completed : 03/10/21 Expires: 03/10/22  
 Sample Method : SOP.T.20.010

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**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
CAMPHENE	0.007	0			TERPINEOL	0.007	0	0	
BETA-MYRCENE	0.007	0			GERANIOL	0.007	0	0	
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	0.98	0.098	
EUCALYPTOL	0.007	0			TRANS-NEROLIDOL	0.007	0	0	
LINALOOL	0.007	0			GUAJOL	0.007	0.08	0.008	
FENCHONE	0.007	0			Analysis by: 2155	Weight: 0.9852g	Extraction date: N/A	Extracted by: N/A	
ISOPULEGOL	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ISOBORNEOL	0.007	0			Analytical Batch : GA023454TER				
HEXAHYDROTHYMOL	0.007	0			Instrument Used : GA-GCMS-002 QP2010S				
NEROL	0.007	0			Reviewed On : 03/10/21 17:29:46				
GERANYL ACETATE	0.007	0			Batch Date : 03/05/21 16:44:23				
BETA-CARYOPHYLLENE	0.007	1.398			Analysis Date : 03/10/21 07:35:11				
VALENCENE	0.007	0			Dilution : 10				
CIS-NEROLIDOL	0.007	0			Reagent : 010421.38				
CARYOPHYLLENE OXIDE	0.007	0.024			Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042				
CEDROL	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.				
ALPHA-BISABOOL	0.007	0.001							
ALPHA-PINENE	0.007	0.567							
SABINENE	0.007	0							
BETA-PINENE	0.007	0							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	4.953							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	0							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0							
CAMPHOR	0.013	0							
BORNEOL	0.013	0							
Total (%)									

**Miranda MacDonald**  
Lab Director

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

Signature  
03/10/21