



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10219002-007
Harvest/Lot ID: FVZ104-210209-01
Batch#: DF-HYB-020121
Seed to Sale# FVZ104-210209-01
Batch Date: 02/09/21
Sample Size Received: 15.5 gram
Total Amount: 881
Retail Product Size: .5
Ordered : 02/19/21
Sampled : 02/19/21
Completed: 02/24/21
Sampling Method: SOP.T.20.010

Feb 24, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US

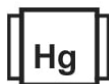
PASSED

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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 : 360.229 mg


Total CBD
0%

/Container : 9.862 mg


Total Cannabinoids
0%

Total Cannabinoids/Container : 386.286 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.832	1.972	0.53	0.37	72.045	0	0.505	0
mg/g	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:
0.1082g

Extraction date:
02/19/21 07:02:21

Extracted by:
2206

Analysis Method : SOP.T.40.031, SOP.T.30.031

Analytical Batch : GA022733POT

Instrument Used : GA-HPLC-001 2030C Plus (Carl)

Analyzed Date : 02/21/21 09:39:42

Reviewed On : 02/23/21 08:25:17

Batch Date : 02/19/21 14:01:25

Dilution : 40

Reagent : 010621.23; 110519.12; 021521.R19; 021521.R21

Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; 16466-042; VAV-09-1020 (947.077) / ALK-09-1412 (9291.179)

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
02/24/21



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 : GA10219002-007

Harvest/Lot ID: FVZ104-210209-01

Batch# : DF-HYB-020121

Sampled : 02/19/21

Ordered : 02/19/21


Sample Size Received : 15.5 gram

Total Amount : 881

Completed : 02/24/21 Expires: 02/24/22

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			TERPINEOL	0.007	0	0	
BETA-MYRCENE	0.007	0.2			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	1.72	0.172	
EUCALYPTOL	0.007	0			TRANS-NEROLIDOL	0.007	0	0	
LINALOOL	0.007	0.659			GUAJOL	0.007	0.07	0.007	
FENCHONE	0.007	0			<div> <div>Analyzed by: 2155</div> <div>Weight: 1.0074g</div> <div>Extraction date: 02/22/21 01:02:32</div> <div>Extracted by: 650</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 : GA022745TER</div> <div>Reviewed On : 02/23/21 15:46:50</div> </div> <div> <div>Instrument Used : GA-GCMS-002 QP2010S</div> <div>Batch Date : 02/19/21 16:48:45</div> </div> <div>Analyzed Date : 02/23/21 15:00:16</div> </div>				
ISOBORNEOL	0.007	0			<div> <div>Dilution : 10</div> <div>Reagent : 060920.20; 010621.15</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	2.262							
VALENCENE	0.007	0							
CIS-NEROLIDOL	0.007	0							
CARYOPHYLLENE OXIDE	0.007	0.01							
CEDROL	0.007	0							
FARNESENE	0.007	0							
ALPHA-BISABOLOL	0.007	0							
ALPHA-PINENE	0.007	0.991							
SABINENE	0.007	0							
BETA-PINENE	0.007	0							
ALPHA-TERPINENE	0.007	0							
LIMONENE	0.007	2.369							
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 (%)									