



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA01228002-005
 Harvest/Lot ID: FWF108E-201012-01-R2
 Batch#: MSAP-92Q-092920-R2
 Seed to Sale# FWF108E-201012-01-R2
 Batch Date: 10/12/20
 Sample Size Received: 31.5 gram
 Total Amount: 984 units
 Retail Product Size: 3.5
 Ordered: 12/28/20
 Sampled: 12/28/20
 Completed: 12/31/20
 Sampling Method: SOP.T.20.010

Dec 31, 2020 | Liberty Health Sciences, FL

18770 N CR 225
 Gainesville, FL, 32609, US



PASSED

Pages 1 of 2

PRODUCT IMAGE

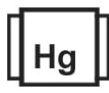


plastic jar

SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
NOT TESTED



Filtration
PASSED



Water Activity
PASSED



Moisture
PASSED



Terpenes
TESTED

MISC.



Cannabinoid

PASSED



Total THC

0%

/Container : 667.92 mg



Total CBD

0%

/Container : 0 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 773.931 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA	TOTAL CANNABINOIDS	TOTAL CBD	TOTAL THC
%	0	0	0.537	0	0	0	0	1.319	0	0	20.254	0	0	0
mg/unit	0	0	0.001	0.001	0	0.001	0.001	0	0.001	0.001	0.001	0	0	0
LOD	0.001	0.001	0.001	0.001	0	0.001	0.001	0	0.001	0.001	0.001	0	0	0
%	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Analyzed by:
1541

Weight:
0.2031g

Extraction date:
12/28/20 05:12:40

Extracted by:
2103

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

Analytical Batch : GA020522POT

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

Analyzed Date : 12/31/20 06:41:25

Reviewed On : 12/31/20 10:53:58

Batch Date : 12/28/20 17:02:32

Dilution : 40

Reagent : 092920.33; 122220.R07; 110920.R17

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
 12/31/20



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 : GA01228002-005

Harvest/Lot ID: FWF108E-201012-01-R2

Batch# : MSAP-92Q-092920-R2

Sampled : 12/28/20
Ordered : 12/28/20


Sample Size Received : 31.5 gram

Total Amount : 984 units

Completed : 12/31/20 Expires: 12/31/21

Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
ALPHA-HUMULENE	0.007		0.154		EUCALYPTOL	0.007	0	0	
ALPHA-CEDRENE	0.007		0		ISOBORNEOL	0.007	0	0	
SABINENE	0.007		0		HEXAHYDROTHYMOL	0.007	0	0	
SABINENE HYDRATE	0.007		0		FENCHYL ALCOHOL	0.007	1.995	0.057	
TERPINEOL	0.007		0.096		3-CARENE	0.007	0	0	
TERPINOLENE	0.007		0.009		CIS-NEROLIDOL	0.007	0	0	
BETA-CARYOPHYLLENE	0.007		0.577		ISOPULEGOL	0.007	0	0	
TRANS-NEROLIDOL	0.007		0.078		<div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA0205157ER Instrument Used : GA-GCMS-002 QP2010S Analyzed Date : 12/29/20 09:46:12 Dilution : 10 Reagent : 122320.03 Consumables : 280630187; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042 Pipette : N/A Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div>	Reviewed On : 12/30/20 10:48:46 Batch Date : 12/28/20 14:55:04			
VALENCENE	0.007		0	2155		1.0077g	12/28/20 03:12:09	Extracted by : 1791	
ALPHA-BISABOLOL	0.007		0.11						
CARYOPHYLLENE OXIDE	0.007		0.009						
CAMPHOR	0.013		0						
CAMPHENE	0.007		0						
BORNEOL	0.013		0						
BETA-PINENE	0.007		0.051						
BETA-MYRCENE	0.007		0.107						
ALPHA-TERPINENE	0.007		0						
ALPHA-PINENE	0.007		0.049						
CEDROL	0.007		0						
PULEGONE	0.007		0						
ALPHA-PHELLANDRENE	0.007		0						
OCIMENE	0.007		0						
NEROL	0.007		0						
LINALOOL	0.007		0.085						
LIMONENE	0.007		0.264						
GUAJOL	0.007		0						
GERANYL ACETATE	0.007		0						
GERANIOL	0.007		0						
GAMMA-TERPINENE	0.007		0						
FENCHONE	0.007		0						
FARNESENE	0.007		0						
Total (%)									