



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA01228002-008
Harvest/Lot ID: FSF108Q-200922-01-R2
Batch#: MSAP-SHAKE-091820-R2
Seed to Sale# FSF108Q-200922-01-R2
Batch Date: 09/22/20
Sample Size Received: 35 gram
Total Amount: 984 units
Retail Product Size: 7
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

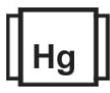
PASSED

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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 : 1259.272 mg


Total CBD
0%

/Container : 4.143 mg


Total Cannabinoids
0%

Total Cannabinoids/Container : 1464.11 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA	TOTAL CANNABINOIDS	TOTAL CBD	TOTAL THC
%	0	0.067	0.502	0.087	0	0	0	1.813	0	0	18.445	0	0	0
mg/unit	0	0.001	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:
0.2013g

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

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 10:59:07

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


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Harvest/Lot ID: FSF108Q-200922-01-R2

 Batch# : MSAP-
 SHAKE-091820-R2
 Sampled : 12/28/20
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 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		0.077		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	2.73	0.039	
TERPINEOL	0.007		0.075		3-CARENE	0.007	0	0	
TERPINOLENE	0.007		0		CIS-NEROLIDOL	0.007	0	0	
BETA-CARYOPHYLLENE	0.007		0.218		ISOPULEGOL	0.007	0	0	
TRANS-NEROLIDOL	0.007		0.06		<div>Analyzed by: 2155Weight: 1.0011gExtraction date: 12/28/20 03:12:28Extracted by: 1791</div> <div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div> <div>Analytical Batch : GA02051578</div> <div>Instrument Used : GA-GCMS-002 QP2010S</div> <div>Analyzed Date : 12/29/20 09:46:12</div> <div>Dilution : 10</div> <div>Reagent : 122320.03</div> <div>Consumables : 280630187; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042</div> <div>Pipette : N/A</div> <div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div>				
VALENCENE	0.007		0						
ALPHA-BISABOLOL	0.007		0.064						
CARYOPHYLLENE OXIDE	0.007		0.011						
CAMPHOR	0.013		0						
CAMPHENE	0.007		0						
BORNEOL	0.013		0						
BETA-PINENE	0.007		0.001						
BETA-MYRCENE	0.007		0						
ALPHA-TERPINENE	0.007		0						
ALPHA-PINENE	0.007		0						
CEDROL	0.007		0						
PULEGONE	0.007		0						
ALPHA-PHELLANDRENE	0.007		0						
OCIMENE	0.007		0						
NEROL	0.007		0						
LINALOOL	0.007		0.057						
LIMONENE	0.007		0.043						
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 (%)									