



Certificate of Analysis

COMPLIANCE FOR RETAIL

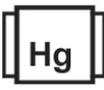
Sample: GA01228002-008
Harvest/Lot ID: FSF108Q-200922-01-R2
Batch#: MSAP-SHAKE-091820-R2
Seed to Sale# FSF108Q-200922-01-R2
Batch Date: 09/22/20
Sample Size Received: 35 gram
Total Amount: 984 units
Retail Product Size: 7
Ordered: 12/28/20
Sampled: 12/28/20
Completed: 12/31/20
Sampling Method: SOP.T.20.010

Dec 31, 2020 | Liberty Health Sciences, FL
18770 N CR 225
Gainesville, FL, 32609, US



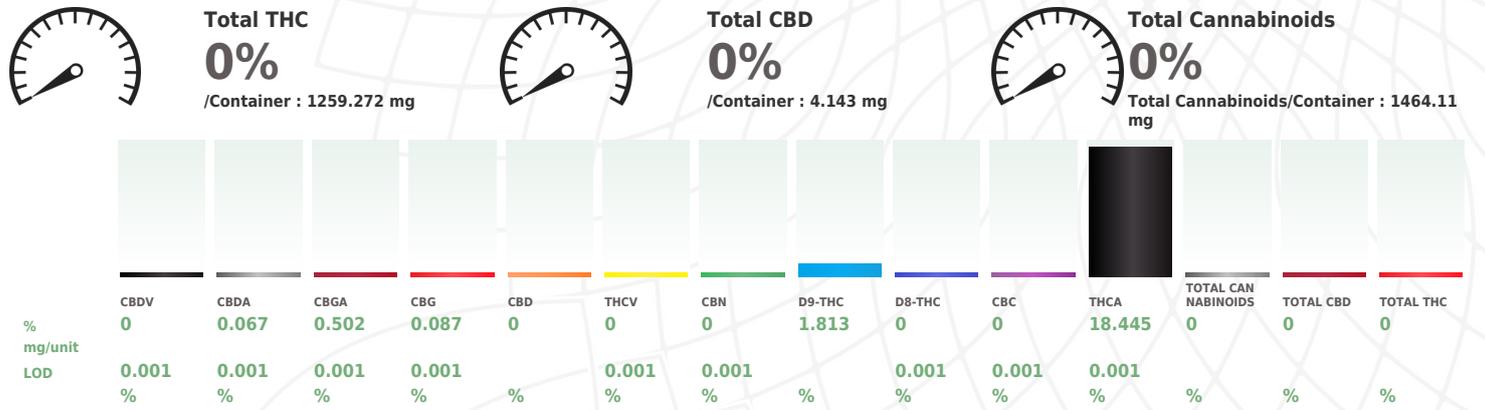
PASSED

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PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents NOT TESTED	 Filtration PASSED	 Water Activity PASSED	 Moisture PASSED	 Terpenes TESTED

plastic jar

 **Cannabinoid** **PASSED**



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

Dilution : 40
Reagent : 092920.33; 122220.R07; 110920.R17
Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; 16466-042
Pipette : N/A

Reviewed On : 12/31/20 10:59:07
Batch Date : 12/28/20 17:02:32

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 : GA01228002-008
Harvest/Lot ID: FSF108Q-200922-01-R2

Batch# : MSAP-SHAKE-091820-R2
Sample Size Received : 35 gram
Total Amount : 984 units
Completed : 12/31/20 Expires: 12/31/21
Ordered : 12/28/20 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	
ALPHA-CEDRENE	0.007	0		ISOBORNEOL	0.007	0	
SABINENE	0.007	0		HEXAHYDROTHYMOL	0.007	0	
SABINENE HYDRATE	0.007	0		FENCHYL ALCOHOL	0.007	2.73	0.039
TERPINEOL	0.007	0.075		3-CARENE	0.007	0	
TERPINOLENE	0.007	0		CIS-NEROLIDOL	0.007	0	
BETA-CARYOPHYLLENE	0.007	0.218		ISOPULEGOL	0.007	0	
TRANS-NEROLIDOL	0.007	0.06					
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 (%)							

Analyzed by: 2135 Weight: 1.0011g Extraction date: 12/28/20 03:12:28 Extracted by: 1791
 Analysis Method: SOP.T.30.061A.FL, SOP.T.40.061A.FL
 Analytical Batch: GA020515TER
 Instrument Used: GA-GCMS-002 QP20105 Reviewed On: 12/30/20 10:48:49
 Analyzed Date: 12/29/20 09:46:12 Batch Date: 12/28/20 14:55:04
 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.