



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA01228002-002
Harvest/Lot ID: FWF123E-200925-01-R2
Batch#: SSH-88V1-090920-R2
Seed to Sale# FWF123E-200925-01-R2
Batch Date: 09/25/20
Sample Size Received: 31.5 gram
Total Amount: 488 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 : 352.159 mg



Total CBD

0%

/Container : 0 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 415.695 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA	TOTAL CANNABINOIDS	TOTAL CBD	TOTAL THC
%	0	0	0.475	0	0	0	0	0.51	0	0	10.89	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:
0.2023g

Extraction date:
12/28/20 05:12:50

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 10:52:21
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 : GA01228002-002

Harvest/Lot ID: FWF123E-200925-01-R2

Batch# : SSH-88V1-090920-R2 Sample Size Received : 31.5 gram

Sampled : 12/28/20

Ordered : 12/28/20

Total Amount : 488 units

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

Sample Method : SOP.T.20.010

Page 2 of 2

Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
ALPHA-HUMULENE	0.007		0.105		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	0.56	0.016	
TERPINEOL	0.007		0.028		3-CARENE	0.007	0	0	
TERPINOLENE	0.007		0		CIS-NEROLIDOL	0.007	0	0	
BETA-CARYOPHYLLENE	0.007		0.35		ISOPULEGOL	0.007	0	0	
TRANS-NEROLIDOL	0.007		0.05		Analyzed by:	Weight:	Extraction date:		Extracted by:
VALENCENE	0.007		0		2155	1.0064g	12/28/20 04:12:05		1791
ALPHA-BISABOLOL	0.007		0.005		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
CARYOPHYLLENE OXIDE	0.007		0		Analytical Batch : GA0205157ER				
CAMPHOR	0.013		0		Instrument Used : GA-GCMS-002 QP2010S				
CAMPHENE	0.007		0		Analyzed Date : 12/29/20 09:46:12				
BORNEOL	0.013		0		Dilution : 10				
BETA-PINENE	0.007		0.002		Reagent : 122320.03				
BETA-MYRCENE	0.007		0.098		Consumables : 280630187; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042				
ALPHA-TERPINENE	0.007		0		Pipette : N/A				
ALPHA-PINENE	0.007		0		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
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						
LIMONENE	0.007		0.032						
GUAJOL	0.007		0.086						
GERANYL ACETATE	0.007		0						
GERANIOL	0.007		0						
GAMMA-TERPINENE	0.007		0						
FENCHONE	0.007		0						
FARNESENE	0.007		0						
Total (%)									