



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA01204004-021
Harvest/Lot ID: PPF108E-201125-01
Batch#: MSAP-97Q-110420
Seed to Sale# PPF108E-201125-01
Batch Date: 11/25/20
Sample Size Received: 31.5 gram
Total Amount: 97 units
Retail Product Size: 3.5 gram
Ordered : 12/04/20
Sampled : 12/04/20
Completed: 12/16/20
Sampling Method: SOP.T.20.010

Dec 16, 2020 | Liberty Health Sciences, FL
18770 N CR 225
Gainesville, FL, 32609, US

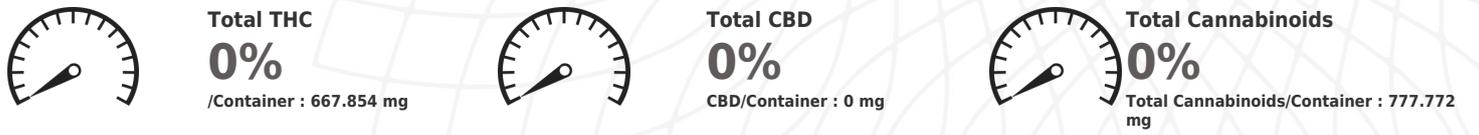


PASSED

Pages 1 of 2

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

	Cannabinoid	PASSED
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	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA	TOTAL CANNABINOIDS	TOTAL CBD	TOTAL THC
% mg/unit	0	0	0.543	0	0	0	0	0.565	0	0	21.113	0	0	0
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	%	%	%

Analyzed by: 508 Weight: 0.1987g Extraction date: 12/05/20 04:12:24 Extracted by: 2103

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA019570POT
Instrument Used : GA-HPLC-001 2030C Plus (Carl)
Analyzed Date : 12/07/20 14:23:03
Reviewed On : 12/08/20 14:35:27
Batch Date : 12/05/20 09:03:05

Dilution : 40
Reagent : 111920.R03; 112820.R03; 110320.46
Consumables : 280630187; 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.

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Miranda MacDonald
Lab Director



State License # CMTL-0001
ISO 17025 Accreditation # ISO/IEC
17025:2017 Accreditation P/LA-
Testing 97164

Signature
12/16/20



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 : GA01204004-021
 Harvest/Lot ID: FPF108E-201125-01

 Batch# : MSAP-97Q-110420 Sample Size Received : 31.5 gram
 Sampled : 12/04/20 Total Amount : 97 units
 Ordered : 12/04/20 Completed : 12/16/20 Expires: 12/16/21
 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	0.097		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	0.91	0.026
TERPINEOL	0.007	0.062		3-CARENE	0.007	0	
TERPINOLENE	0.007	0		CIS-NEROLIDOL	0.007	0	
BETA-CARYOPHYLLENE	0.007	0.445		ISOPULEGOL	0.007	0	
TRANS-NEROLIDOL	0.007	0.031					
VALENCENE	0.007	0		Analyzed by: 2155 Weight: 1.0042g Extraction date: 12/08/20 12:12:10 Extracted by: 1791 Analysis Method: SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch: GA019569TER Instrument Used: GA-GCMS-002 QP20105 Reviewed On: 12/10/20 15:30:57 Analyzed Date: 12/08/20 14:50:25 Batch Date: 12/05/20 09:01:45 Dilution: 10 Reagent: 060920.22 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.			
ALPHA-BISABOLOL	0.007	0.12					
CARYOPHYLLENE OXIDE	0.007	0					
CAMPHOR	0.013	0					
CAMPHENE	0.007	0.008					
BORNEOL	0.013	0					
BETA-PINENE	0.007	0.016					
BETA-MYRCENE	0.007	0.118					
ALPHA-TERPINENE	0.007	0					
ALPHA-PINENE	0.007	0.016					
CEDROL	0.007	0					
PULEGONE	0.007	0					
ALPHA-PHELLANDRENE	0.007	0					
OCIMENE	0.007	0.042					
NEROL	0.007	0					
LINALOOL	0.007	0.079					
LIMONENE	0.007	0.206					
GUAJOL	0.007	0					
GERANYL ACETATE	0.007	0					
GERANIOL	0.007	0					
GAMMA-TERPINENE	0.007	0					
FENCHONE	0.007	0.029					
FARNESENE	0.007	0					
Total (%)							

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