



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA10105003-002
Harvest/Lot ID: PPF0100-201231-01
Batch#: OSF-THC-LV-121120
Seed to Sale# PPF0100-201231-01
Batch Date: 12/31/20
Sample Size Received: 90 ml
Total Amount: 528
Retail Product Size: 28
Ordered: 01/05/21
Sampled: 01/05/21
Completed: 01/12/21
Sampling Method: SOP.T.20.010



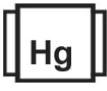






Jan 12, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US

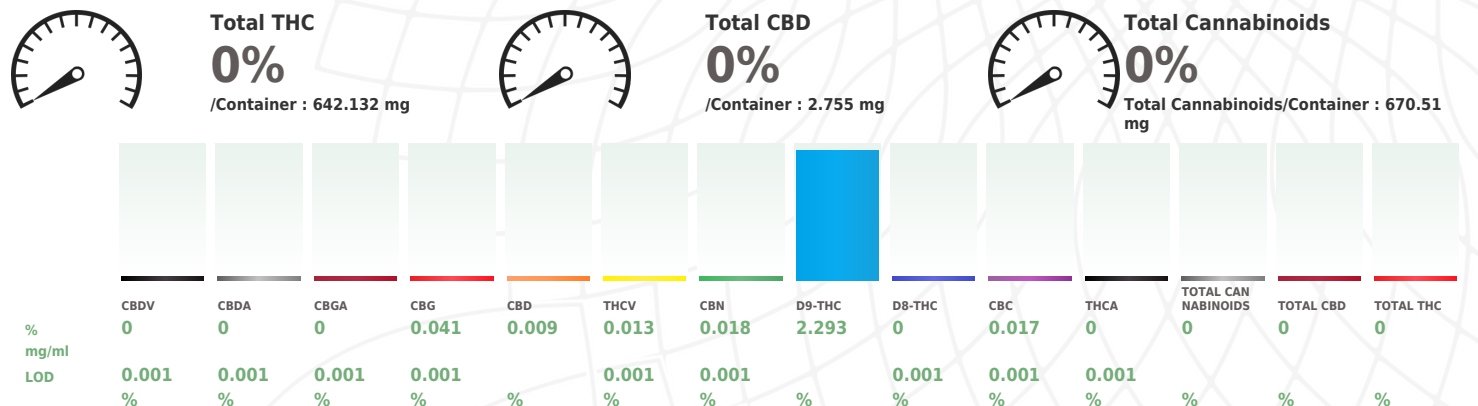


PASSED

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

Box		Cannabinoid	PASSED
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Analyzed by: 1541 **Weight:** 3.0001g **Extraction date:** 01/06/21 10:01:09 **Extracted by:** 1791
Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA020801POT
Instrument Used : GA-HPLC-001 2030C Plus (Carl)
Analyzed Date : 01/06/21 16:34:06
Dilution : 40
Reagent : 010521.06; 123120.R06; 123120.R08; 110519.13
Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; 190624060; 16466-042
Pipette : N/A

Reviewed On : 01/07/21 11:10:47
Batch Date : 01/06/21 09:56:12

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
 01/12/21



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 : GA10105003-002

Harvest/Lot ID: PPFO100-201231-01

Batch# : OSF-THC-LV-121120

Sampled : 01/05/21

Ordered : 01/05/21


Sample Size Received : 90 ml

Total Amount : 528

Completed : 01/12/21 Expires: 01/12/22

Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/ml	%	Result (%)	Terpenes	LOD (%)	mg/ml	%	Result (%)
ALPHA-HUMULENE	0.007		0.042		EUCALYPTOL	0.007	0	0	
ALPHA-CEDRENE	0.007		0		ISOBORNEOL	0.007	0	0	
SABINENE	0.007		0.001		HEXAHYDROTHYMOL	0.007	0	0	
SABINENE HYDRATE	0.007		0		FENCHYL ALCOHOL	0.007	0.24	0.024	
TERPINEOL	0.007		0.038		3-CARENE	0.007	0	0	
TERPINOLENE	0.007		0.07		CIS-NEROLIDOL	0.007	0	0	
BETA-CARYOPHYLLENE	0.007		0.129		ISOPULEGOL	0.007	0	0	
TRANS-NEROLIDOL	0.007		0		Analyzed by: 2155 Weight: 1.0008g Extraction date: 01/06/21 09:01:40 Extracted by: 1791				
VALENCENE	0.007		0		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
ALPHA-BISABOLOL	0.007		0		Analytical Batch : GA020780TER				
CARYOPHYLLENE OXIDE	0.007		0		Instrument Used : GA-GCMS-002 QP2010S Reviewed On : 01/07/21 11:19:31				
CAMPHOR	0.013		0.014		Analyzed Date : N/A Batch Date : 01/06/21 08:36:46				
CAMPHENE	0.007		0		Dilution : 10				
BORNEOL	0.013		0		Reagent : 122320.03				
BETA-PINENE	0.007		0.017		Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042				
BETA-MYRCENE	0.007		0.004		Pipette : N/A				
ALPHA-TERPINENE	0.007		0		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
ALPHA-PINENE	0.007		0.003						
CEDROL	0.007		0						
PULEGONE	0.007		0						
ALPHA-PHELLANDRENE	0.007		0						
OCIMENE	0.007		0						
NEROL	0.007		0.109						
LINALOOL	0.007		0.229						
LIMONENE	0.007		0.129						
GUAJOL	0.007		0						
GERANYL ACETATE	0.007		0						
GERANIOL	0.007		0.118						
GAMMA-TERPINENE	0.007		0.005						
FENCHONE	0.007		0						
FARNESENE	0.007		0						
Total (%)									