



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA10105003-004
Harvest/Lot ID: PPF0100-201231-02
Batch#: OSF-THC-LV-121120-2
Seed to Sale# PPF0100-201231-02
Batch Date: 12/31/20
Sample Size Received: 90 ml
Total Amount: 536
Retail Product Size: 28
Ordered : 01/05/21
Sampled : 01/05/21
Completed: 01/12/21
Sampling Method: SOP.T.20.010

PASSED

Jan 12, 2021 | Liberty Health Sciences, FL
18770 N CR 225
Gainesville, FL, 32609, US

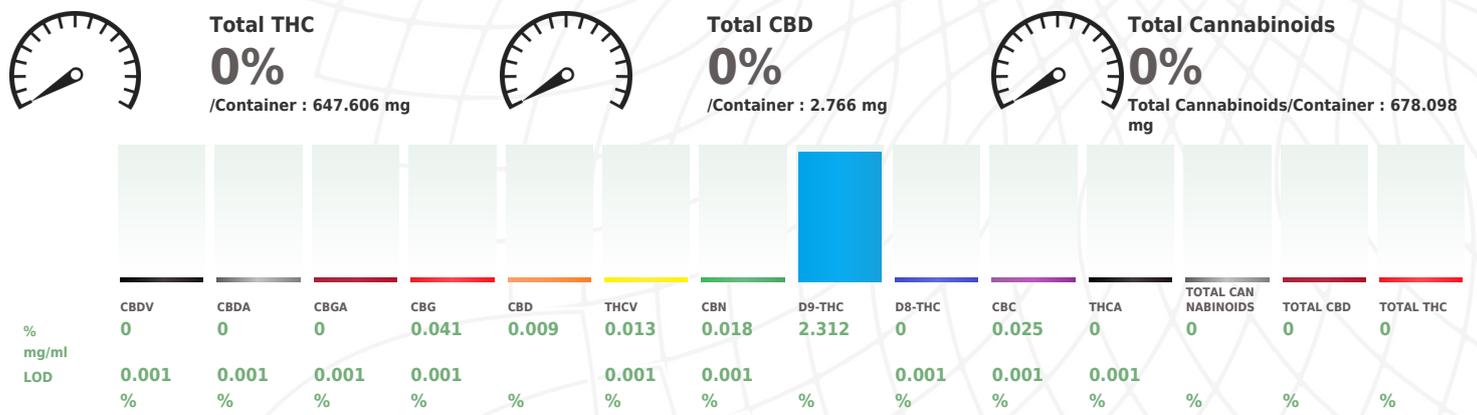


Pages 1 of 2

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**



Analyzed by: 1541 Weight: 2.9999g Extraction date: 01/06/21 10:01:17 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

Reviewed On : 01/07/21 11:11:30
Batch Date : 01/06/21 09:56:12

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

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
Signed On



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 : GA10105003-004
Harvest/Lot ID: PPFO100-201231-02

Batch# : OSF-THC-LV-121120-2
Sample Size Received : 90 ml
Total Amount : 536
Completed : 01/12/21 Expires: 01/12/22
Ordered : 01/05/21
Sample Method : SOP.T.20.010

Page 2 of 2



Terpenes

TESTED

Terpenes	LOD (%)	mg/ml	%	Result (%)	Terpenes	LOD (%)	mg/ml	%	Result (%)
ALPHA-HUMULENE	0.007	0.043			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	0.24	0.024	
TERPINEOL	0.007	0.04			3-CARENE	0.007	0	0	
TERPINOLENE	0.007	0.078			CIS-NEROLIDOL	0.007	0	0	
BETA-CARYOPHYLLENE	0.007	0.141			ISOPULEGOL	0.007	0	0	
TRANS-NEROLIDOL	0.007	0							
VALENCENE	0.007	0			Analyzed by: 2155 Weight: 1.0088g Extraction date: 01/06/21 09:01:16 Extracted by: 1791				
ALPHA-BISABOLOL	0.007	0.018			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : GA020780TER Instrument Used : GA-GCMS-002 OP2010S Analyzed Date : N/A Reviewed On : 01/07/21 11:20:08 Batch Date : 01/06/21 08:36:46				
CARYOPHYLLENE OXIDE	0.007	0			Dilution : 10 Reagent : 122320.03 Consumables : 282066106; VAV-09-1020 Lot# 947.077; 6970145500298; P734631 / P7411895; 16466-042 Pipette : N/A				
CAMPHOR	0.013	0.014			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
CAMPHENE	0.007	0							
BORNEOL	0.013	0							
BETA-PINENE	0.007	0.019							
BETA-MYRCENE	0.007	0.006							
ALPHA-TERPINENE	0.007	0							
ALPHA-PINENE	0.007	0.004							
CEDROL	0.007	0							
PULEGONE	0.007	0							
ALPHA-PHELLANDRENE	0.007	0							
OCIMENE	0.007	0							
NEROL	0.007	0.114							
LINALOOL	0.007	0.229							
LIMONENE	0.007	0.138							
GUAIOL	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 (%)									