



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: GA11005002-008
Harvest/Lot ID: LHSFV102-2110-2429
Batch#: DF-CLEM-2109-1550
Seed to Sale# LHSFV102-2110-2429
Batch Date: 09/29/21
Sample Size Received: 16 gram
Total Amount: 2406 gram
Retail Product Size: 1
Ordered : 10/05/21
Sampled : 10/05/21
Completed: 10/08/21
Sampling Method: SOP.T.20.010

Oct 08, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



PASSED

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PRODUCT IMAGE



Box

SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
PASSED



Water Activity
PASSED



Moisture
NOT TESTED



Terpenes
TESTED

MISC.



Cannabinoid

PASSED



Total THC

0%

/Container : 824.88 mg



Total CBD

0%

/Container : 1.95 mg



Total Cannabinoids

0%

Total Cannabinoids/Container : 859 mg

%
mg/g
LOD

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
	0	0	0	1.905	0.195	0.376	0.609	82.488	0	0.327	0
	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
2338

Weight:
0.0995g

Extraction date:
10/05/21 04:10:16

Extracted by:
3057

Analysis Method : SOP.T.40.031, SOP.T.30.031
 Analytical Batch : GA032178POT
 Instrument Used : GA-HPLC-003 2030C PDA
 Analysis Date : N/A

Reviewed On : 10/06/21 12:51:51
 Batch Date : 10/05/21 10:41:17

Dilution : 400
 Reagent : 060220.R16; 010421.51; 092821.09; 093021.R14; 093021.R18; 111120.09
 Consumables : 947.271; 470228-424; 9291.271; 200721; 12035-032CD-032C; RONB32898; 000310748
 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
 10/08/21



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 : GA11005002-008

Harvest/Lot ID: LHSFV102-2110-2429

Batch# : DF-CLEM-2109-1550

Sampled : 10/05/21

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Sample Size Received : 16 gram

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Completed : 10/08/21 Expires: 10/08/22

Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPINEOL	0.007	0			BORNEOL	0.013	0	0	
CAMPHENE	0.007	0			GERANIOL	0.007	0	0	
BETA-MYRCENE	0.007	0.435			PULEGONE	0.007	0	0	
3-CARENE	0.007	0.087			ALPHA-CEDRENE	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0.312			ALPHA-HUMULENE	0.007	1.27	0.127	
OCIMENE	0.007	0			TRANS-NEROLIDOL	0.007	0.4	0.04	
EUCALYPTOL	0.007	0			GUAJOL	0.007	0	0	
LINALOOL	0.007	0.1			<div>Analyzed by: 2155Weight: 1.0025gExtraction date: 10/05/21 02:10:17Extracted by: 1791</div>				
FENCHONE	0.007	0			<div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div>				
ISOPULEGOL	0.007	0			<div>Analytical Batch : GA032174TERReviewed On : 10/06/21 10:59:36</div>				
ISOBORNEOL	0.007	0			<div>Instrument Used : GA-GCMS-002 QP2010SBatch Date : 10/05/21 10:31:40</div>				
HEXAHYDROTHYMOL	0.007	0			<div>Analyzed Date : N/A</div>				
NEROL	0.007	0			<div>Dilution : 100</div>				
GERANYL ACETATE	0.007	0			<div>Reagent : 091021.R15; 010421.32; 010421.51</div>				
BETA-CARYOPHYLLENE	0.007	0.569			<div>Consumables : 282066106; 947.271; 470228-424; 9291.271; 200721; 190611634; 000310748</div>				
VALENCENE	0.007	0			<div>Pipette : N/A</div>				
CEDROL	0.007	0			<div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div>				
CIS-NEROLIDOL	0.007	0							
FARNESENE	0.007	0							
CARYOPHYLLENE OXIDE	0.007	0							
ALPHA-BISABOLOL	0.007	0.152							
ALPHA-PINENE	0.007	0.13							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.156							
ALPHA-TERPINENE	0.007	0.08							
LIMONENE	0.007	0.448							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	1.893							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0.037							
CAMPHOR	0.013	0							
Total (%)									