



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: DA01230008-004
 Harvest/Lot ID: LHSFS108-201221-01
 Batch#: DF-SLH-112720
 Seed to Sale# LHSFS108-201221-01
 Batch Date: 12/21/20
 Sample Size Received: 16 gram
 Total Amount: 909 units
 Retail Product Size: 1.2199
 Ordered: 12/29/20
 Sampled: 12/29/20
 Completed: 05/21/21
 Sampling Method: SOP.T.20.010

May 21, 2021 | Liberty Health Sciences, FL

18770 N CR 225
Gainesville, FL, 32609, US



PASSED

Pages 1 of 2

PRODUCT IMAGE

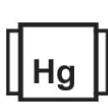


box

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 : 978.994 mg



Total CBD
0%

/Container : 3.489 mg



Total Cannabinoids
0%

Total Cannabinoids/Container : 1018.165 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.788	0.286	0.379	0.487	80.252	0.052	0.219	0
mg/unit	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001
LOD	0.001	0.001	0.001	0.001		0.001	0.001		0.001	0.001	0.001
%											

Analyzed by:
450

Weight:
0.1034g

Extraction date:
12/30/20 04:12:13

Extracted by:
1823

Analysis Method : SOP.T.40.031, SOP.T.30.031

Analytical Batch : DA020588POT

Instrument Used : DA-LC-003

Analyzed Date : 12/30/20 19:51:44

Reviewed On : 01/05/21 16:38:12

Batch Date : 12/30/20 08:57:19

Dilution : 400

Reagent : 110520.52; 122320.R14; 123020.R13

Consumables : 280670723; 11989-024CC-024; 76262-590; 914C4-914AK; 929C6-929H

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.

Jorge Segredo
Lab Director

State License # CMTL-0002
ISO 17025 Accreditation # ISO/IEC
17025:2017 Accreditation PJLA-
Testing 97164



Signature
05/21/21



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 : DA01230008-004
 Harvest/Lot ID: LHSFS108-201221-01

 Batch# : DF-SLH-112720
 Sampled : 12/29/20
 Ordered : 12/29/20
 Sample Size Received : 16 gram
 Total Amount : 909 units
 Completed : 05/21/21 Expires: 05/21/22
 Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
CAMPENE	0.007	0			TERPINEOL	0.007	0.536	0.044	
BETA-MYRCENE	0.007	0.275			GERANIOL	0.007	0	0	
ALPHA-PHELLANDRENE	0.007	0.007			PULEGONE	0.007	0	0	
3-CARENE	0.007	0			ALPHA-CEDRENE	0.007	0	0	
OCIMENE	0.007	0			ALPHA-HUMULENE	0.007	3.732	0.306	
EUCALYPTOL	0.007	0.035			TRANS-NEROLIDOL	0.007	0.988	0.081	
LINALOOL	0.007	0			GUAJOL	0.007	0	0	
FENCHONE	0.007	0			Analyzed by: 1351 Weight: 1.0206g Extraction date: 12/30/20 02:12:03 Extracted by: 1351				
ISOPULEGOL	0.007	0			Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : DA0205597ER Instrument Used : DA-GCMS-005 Analyzed Date : 12/31/20 11:56:04 Reviewed On : 01/04/21 09:45:19 Batch Date : 12/29/20 10:17:09				
ISOBORNEOL	0.007	0			Dilution : 10				
HEXAHYDROTHYMOL	0.007	0			Reagent : 122820.R21; 122820.R22; 111320.R15; 120820.R29				
NEROL	0.007	0			Consumables : 287035261; 76262-590				
GERANYL ACETATE	0.007	0			Pipette : N/A				
BETA-CARYOPHYLLENE	0.007	0.685			Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
VALENCENE	0.007	0							
CIS-NEROLIDOL	0.007	0							
CARYOPHYLLENE OXIDE	0.007	0							
CEDROL	0.007	0							
FARNESENE	0.007	0.864							
ALPHA-BISABOLOL	0.007	0.017							
ALPHA-PINENE	0.007	0.043							
SABINENE	0.007	0							
BETA-PINENE	0.007	0.084							
ALPHA-TERPINENE	0.007	0.008							
LIMONENE	0.007	0.181							
GAMMA-TERPINENE	0.007	0							
TERPINOLENE	0.007	1.134							
SABINENE HYDRATE	0.007	0							
FENCHYL ALCOHOL	0.007	0							
CAMPHOR	0.013	0							
BORNEOL	0.013	0							
Total (%)									