



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:DA30421009-002
Harvest/Lot ID: TCHB0419202301-C
Batch#: TCHB0419202301-C
Cultivation Facility: Miami Cultivation
Processing Facility : Homestead Processing
Source Facility : Homestead Processing
Seed to Sale# 5861 8094 5037 9258
Batch Date: 04/19/23
Sample Size Received: 940 gram
Total Amount: 6109 units
Retail Product Size: 46.4375 gram
Ordered : 04/21/23
Sampled : 04/21/23
Completed: 04/26/23
Sampling Method: SOP.T.20.010

Apr 26, 2023 | CURALEAF FLORIDA LLC

19000 SW 192 STREET
 MIAMI, FL, 33187, US



PASSED

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PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
PASSED



Water Activity
PASSED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.



Cannabinoid

PASSED



Total THC
0.204%

Total THC/Container : 94.733 mg



Total CBD
ND

Total CBD/Container : 0 mg



Total Cannabinoids
0.212%

Total Cannabinoids/Container : 98.448 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	0.204	ND	ND	ND	ND	0.005	ND	ND	ND	ND	0.003
mg/unit	94.732	ND	ND	ND	ND	2.321	ND	ND	ND	ND	1.393
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Analized by:
1665, 585, 1440

Weight:
3.0305g

Extraction date:
04/24/23 10:32:48

Extracted by:
1665

Analysis Method : SOP.T.40.031, SOP.T.30.031
 Analytical Batch : DA059195POT
 Instrument Used : DA-LC-007
 Analyzed Date : 04/24/23 10:36:33

Reviewed On : 04/25/23 09:46:21
 Batch Date : 04/23/23 22:27:38

Dilution : 40
 Reagent : 040323.01; 041923.R09; 030322.03; 030823.03; 041923.R04
 Consumables : 280670723; CE0123; 61633-125C6-125E; 0000185478
 Pipette : DA-079; DA-108; DA-078

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
 04/26/23



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 Pesticides						PASSED					
Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	ppm	30	PASS	ND	OXAMYL	0.01	ppm	0.5	PASS	ND
TOTAL DIMETHOMORPH	0.01	ppm	3	PASS	ND	PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
TOTAL PERMETHRIN	0.01	ppm	1	PASS	ND	PHOSMET	0.01	ppm	0.2	PASS	ND
TOTAL PYRETHRINS	0.01	ppm	1	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
TOTAL SPINETORAM	0.01	ppm	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
TOTAL SPINOSAD	0.01	ppm	3	PASS	ND	PROPICONAZOLE	0.01	ppm	1	PASS	ND
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	CAPTAN *	0.07	PPM	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND	CYFLUTHRIN *	0.05	PPM	1	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
DIAZINON	0.01	ppm	3	PASS	ND	3379, 585, 1440	0.8604g	04/24/23 14:11:56	450,585		
DICHLORVOS	0.01	ppm	0.1	PASS	ND	Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville),					
DIMETHOATE	0.01	ppm	0.1	PASS	ND	SOP.T.40.102.FL (Davie)					
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Analytical Batch : DA059202PES			Reviewed On : 04/25/23 09:48:42		
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Instrument Used : DA-LCMS-003 (PES)			Batch Date : 04/24/23 08:55:01		
ETOXAZOLE	0.01	ppm	1.5	PASS	ND	Analyzed Date : 04/24/23 13:25:40					
FENHEXAMID	0.01	ppm	3	PASS	ND	Dilution : 250					
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Reagent : 041723.R01; 042123.R02; 041823.R35; 041423.R01; 041123.R05; 041923.R01; 040521.11					
FENPYROXIMATE	0.01	ppm	2	PASS	ND	Consumables : 6697075-02					
FIPRONIL	0.01	ppm	0.1	PASS	ND	Pipette : DA-093; DA-094; DA-219					
FLONICAMID	0.01	ppm	2	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
FLUDIOXONIL	0.01	ppm	3	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
HEXYTHIAZOX	0.01	ppm	2	PASS	ND	450, 585, 1440	0.8604g	04/24/23 14:11:56	450,585		
IMAZALIL	0.01	ppm	0.1	PASS	ND	Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL					
IMIDACLOPRID	0.01	ppm	1	PASS	ND	Analytical Batch : DA059204VOL			Reviewed On : 04/25/23 10:42:01		
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND	Instrument Used : DA-GCMS-006			Batch Date : 04/24/23 08:59:11		
MALATHION	0.01	ppm	2	PASS	ND	Analyzed Date : 04/24/23 14:31:52					
METALAXYL	0.01	ppm	3	PASS	ND	Dilution : 250					
METHIOCARB	0.01	ppm	0.1	PASS	ND	Reagent : 041823.R35; 040521.11; 040723.R43; 040723.R44					
METHOMYL	0.01	ppm	0.1	PASS	ND	Consumables : 6697075-02; 14725401					
MEVINPHOS	0.01	ppm	0.1	PASS	ND	Pipette : DA-080; DA-146; DA-218					
MYCLOBUTANIL	0.01	ppm	3	PASS	ND	Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
NALED	0.01	ppm	0.5	PASS	ND						



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Harvest/Lot ID: TCHB0419202301-C

Batch# : TCHB0419202301-C

Sampled : 04/21/23

Ordered : 04/21/23

Sample Size Received : 940 gram

Total Amount : 6109 units

Completed : 04/26/23 Expires: 04/26/24

Sample Method : SOP.T.20.010

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Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	250	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

 Analyzed by:
 850, 585, 1440

 Weight:
 0.0235g

 Extraction date:
 04/22/23 13:45:11

 Extracted by:
 850,585

 Analysis Method : SOP.T.40.041.FL
 Analytical Batch : DA059169SOL
 Instrument Used : DA-GCMS-002
 Analyzed Date : 04/25/23 13:37:04

 Reviewed On : 04/25/23 14:16:45
 Batch Date : 04/22/23 13:36:30

 Dilution : 1
 Reagent : 030420.09
 Consumables : R2017.167; G201.167
 Pipette : DA-309 25 uL Syringe 35028

Residual solvents analysis is performed utilizing Gas Chromatography Mass Spectrometry in accordance with with F.S. Rule 64ER20-39.



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 Harvest/Lot ID: TCHB0419202301-C

 Batch# : TCHB0419202301-C Sample Size Received : 940 gram
 Total Amount : 6109 units
 Sampled : 04/21/23 Completed : 04/26/23 Expires: 04/26/24
 Ordered : 04/21/23 Sample Method : SOP.T.20.010

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 Microbial PASSED						 Mycotoxins PASSED					
Analyte LOD Units Result Pass / Fail Action Level						Analyte LOD Units Result Pass / Fail Action Level					
ECOLI SHIGELLA						AFLATOXIN B2					
SALMONELLA SPECIFIC GENE						AFLATOXIN B1					
ASPERGILLUS FLAVUS						OCHRATOXIN A					
ASPERGILLUS FUMIGATUS						AFLATOXIN G1					
ASPERGILLUS TERREUS						AFLATOXIN G2					
ASPERGILLUS NIGER											
TOTAL YEAST AND MOLD											
10 CFU/g <10 100000						Analyzed by: 3379, 585, 1440 Weight: 0.8604g Extraction date: 04/24/23 14:11:56 Extracted by: 450,585					
Analyzed by: 3336, 3621, 585, 1440 Weight: 0.8622g Extraction date: 04/22/23 10:42:16 Extracted by: 3336						Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie) Analytical Batch : DA059203MYC Instrument Used : N/A Analyzed Date : 04/24/23 13:30:22 Reviewed On : 04/25/23 09:50:11 Batch Date : 04/24/23 08:59:07					
Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL Analytical Batch : DA059159MIC											
Instrument Used : PathogenDx Scanner DA-111,Applied Biosystems Thermocycler DA-010,fisherbrand Isotemp Heat Block DA-020,fisherbrand Isotemp Heat Block DA-049,Fisher Scientific Isotemp Heat Block DA-021,ThermoScientific Sorvall Legend Micro 21 Centrifuge DA-018 Analyzed Date : 04/22/23 16:36:25						Dilution : 250 Reagent : 041723.R01; 042123.R02; 041823.R35; 041423.R01; 041123.R05; 041923.R01; 040521.11 Consumables : 6697075-02 Pipette : DA-093; DA-094; DA-219					
Dilution : N/A Reagent : 033123.R30; 011323.32; 092122.09; 041123.R27 Consumables : 7559002047 Pipette : N/A						Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
Analyzed by: 3621, 3336, 585, 1440 Weight: 0.8622g Extraction date: 04/22/23 10:42:16 Extracted by: 3336						Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL Analytical Batch : DA059162TYM Instrument Used : Incubator (25-27C) DA-096 Analyzed Date : 04/22/23 12:06:51					
Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL Analytical Batch : DA059162TYM Instrument Used : Incubator (25-27C) DA-096 Analyzed Date : 04/22/23 12:06:51						Dilution : 10 Reagent : 011323.32 Consumables : 007109 Pipette : DA-212					
Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.											



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Filth/Foreign Material
PASSED
Homogeneity
PASSED

Amount of tests conducted : 40

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.1	%	ND	PASS	1

Analyzed by:	Weight:	Extraction date:	Extracted by:
1879, 1440	NA	N/A	N/A

Analysis Method : SOP.T.40.090

Analytical Batch : DA059186FIL

Instrument Used : Filth/Foreign Material Microscope

Analyzed Date : 04/23/23 16:06:18

Reviewed On : 04/23/23 16:10:23

Batch Date : 04/23/23 16:04:45

Dilution : N/A

Reagent : N/A

Consumables : N/A

Pipette : N/A

Filth and foreign material inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with F.S. Rule 64ER20-39.


Water Activity
PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Water Activity	0.01	aw	0.454	PASS	0.85

Analyzed by:	Weight:	Extraction date:	Extracted by:
2926, 585, 1440	3.969g	04/22/23 13:28:22	2926

Analysis Method : SOP.T.40.019

Analytical Batch : DA059125WAT

Instrument Used : DA-028 Rotronic HygroPalm

Analyzed Date : 04/21/23 15:44:34

Reviewed On : 04/22/23 17:37:42

Batch Date : 04/21/23 12:04:51

Dilution : N/A

Reagent : 100522.09

Consumables : PS-14

Pipette : N/A

Water Activity is performed using a Rotronic HygroPalm HP 23-AW in accordance with F.S. Rule 64ER20-39.

Analyte	LOD	Units	Pass/Fail	Result	Action Level
TOTAL THC - HOMOGENEITY (RSD)	0.001	%	PASS	2.682	25

Analyzed by	Average Weight	Extraction date :	Extracted By :
3963, 3335, 585, 1440	2.239g	04/22/23 10:49:52	3963

Analysis Method : SOP.T.30.111.FL, SOP.T.40.111.FL

Analytical Batch : DA059152HOM

Instrument Used : DA-LC-006

Analyzed Date : 04/22/23 11:51:21

Reviewed On : 04/24/23 11:45:04

Batch Date : 04/22/23 08:21:48

Dilution : 40

Reagent : 040323.01; 041823.R05; 071222.35; 041923.R07

Consumables : 947.109; 250350; CE0123; 115C4-1151; 12620-307CD-307D;

61633-125C6-125E; R1KB14270

Pipette : DA-079; DA-108; DA-078

Homogeneity testing is performed utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.