



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: DA30428009-001
Harvest/Lot ID: TCHB0426202301-C
Batch#: TCHB0426202301-C
Cultivation Facility: Miami Cultivation
Processing Facility: Homestead Processing
Source Facility: Homestead Processing
Seed to Sale# 3453 9539 1212 8020
Batch Date: 04/21/23
Sample Size Received: 940 gram
Total Amount: 6078 units
Retail Product Size: 47.6100 gram
Ordered: 04/28/23
Sampled: 04/28/23
Completed: 05/02/23
Sampling Method: SOP.T.20.010

May 02, 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
0.211%

Total THC/Container : 100.457 mg



Total CBD
ND

Total CBD/Container : 0 mg



Total Cannabinoids
0.219%

Total Cannabinoids/Container : 104.266 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	0.211	ND	ND	ND	ND	0.005	ND	ND	ND	ND	0.003
mg/unit	100.457	ND	ND	ND	ND	2.38	ND	ND	ND	ND	1.428
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%		%	%	%	%	%	%	%	%	%	%

Analyzed by:
1665, 585, 1440

Weight:
3.0758g

Extraction date:
05/01/23 09:55:25

Extracted by:
1665

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : DA059508POT
Instrument Used : DA-LC-007
Analyzed Date : 05/01/23 09:57:19

Reviewed On : 05/01/23 14:37:40
Batch Date : 04/30/23 01:16:13

Dilution : 40
Reagent : 041923.R09; 071222.01; 033123.R04
Consumables : 280670723; CE0123; 61633-125C6-125E; R1KB14270
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
05/02/23



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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: 3379, 585, 1440 Weight: 1.0166g Extraction date: 05/01/23 13:50:51 Extracted by: 3379, 450, 585 Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville), SOP.T.40.102.FL (Davie) Analytical Batch : DA059533PES Instrument Used : DA-LCMS-003 (PES) Analyzed Date : 05/01/23 12:59:21 Dilution : 250 Reagent : 042423.R10; 042723.R05; 042723.R10; 042423.R12; 042623.R45; 042623.R20; 040521.11 Consumables : 6697075-02 Pipette : DA-093; DA-094; DA-219 Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
DIAZINON	0.01	ppm	3	PASS	ND						
DICHLORVOS	0.01	ppm	0.1	PASS	ND						
DIMETHOATE	0.01	ppm	0.1	PASS	ND						
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND						
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Analyzed by: 450, 585, 1440 Weight: 1.0166g Extraction date: 05/01/23 13:50:51 Extracted by: 3379, 450, 585 Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL (Gainesville) Analytical Batch : DA059534VOL Instrument Used : DA-GCMS-006 Analyzed Date : 05/01/23 14:01:31 Dilution : 250 Reagent : 042723.R10; 040521.11; 042723.R38; 042723.R39 Consumables : 6697075-02; 14725401 Pipette : DA-080; DA-146; DA-218 Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
ETOXAZOLE	0.01	ppm	1.5	PASS	ND						
FENHEXAMID	0.01	ppm	3	PASS	ND						
FENOXYCARB	0.01	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.01	ppm	2	PASS	ND						
FIPRONIL	0.01	ppm	0.1	PASS	ND						
FLONICAMID	0.01	ppm	2	PASS	ND						
FLUDIOXONIL	0.01	ppm	3	PASS	ND						
HEXYTHIAZOX	0.01	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.01	ppm	1	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.01	ppm	2	PASS	ND						
METALAXYL	0.01	ppm	3	PASS	ND						
METHIOCARB	0.01	ppm	0.1	PASS	ND						
METHOMYL	0.01	ppm	0.1	PASS	ND						
MEVINPHOS	0.01	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.01	ppm	3	PASS	ND						
NALED	0.01	ppm	0.5	PASS	ND						



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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:
 0.0217g

 Extraction date:
 04/29/23 13:52:23

 Extracted by:
 850

 Analysis Method : SOP.T.40.041.FL
 Analytical Batch : DA05949450L
 Instrument Used : DA-GCMS-002
 Analyzed Date : 05/01/23 12:36:32

 Reviewed On : 05/02/23 10:02:44
 Batch Date : 04/29/23 11:45:17

 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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 Microbial PASSED						 Mycotoxins PASSED					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ECOLI SHIGELLA			Not Present	PASS		AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS		OCHRATOXIN A	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS			Not Present	PASS		AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS							
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000	Analyzed by: 3379, 585, 1440	Weight: 1.0166g	Extraction date: 05/01/23 13:50:51		Extracted by: 3379,450,585	
Analyzed by: 3390, 585, 1440	Weight: 0.8054g	Extraction date: 04/29/23 12:10:11		Extracted by: 3390		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)					
Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL						Analytical Batch : DA059535MYC					
Analytical Batch : DA059489MIC						Reviewed On : 05/02/23 14:21:29					
						Batch Date : 05/01/23 09:29:39					
Instrument Used : PathogenDx Scanner DA-111,Applied Biosystems Thermocycler DA-013,fisherbrand Isotemp Heat Block DA-020,fisherbrand Isotemp Heat Block DA-049,Fisher Scientific Isotemp Heat Block DA-021						Analyzed Date : 05/01/23 12:59:50					
Analyzed Date : 04/29/23 13:36:27						Dilution : 250					
Dilution : N/A						Reagent : 042423.R10; 042723.R05; 042723.R10; 042423.R12; 042623.R45; 042623.R20; 040521.11					
Reagent : 021623.07; 042623.R85; 092122.06						Consumables : 6697075-02					
Consumables : 7563001068						Pipette : DA-093; DA-094; DA-219					
Pipette : N/A						Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
Analyzed by: 3390, 585, 1440	Weight: 0.8054g	Extraction date: 04/29/23 12:10:11		Extracted by: 3390		 Heavy Metals PASSED					
Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL											
Analytical Batch : DA059500TYM											
Instrument Used : Incubator (25-27C) DA-097						Reviewed On : 05/01/23 14:36:56					
Analyzed Date : 04/29/23 13:35:48						Batch Date : 04/29/23 12:10:28					
Dilution : 10											
Reagent : 021623.07; 032323.R29											
Consumables : N/A											
Pipette : N/A											
Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.											

Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.08	ppm	<0.4	PASS	5
ARSENIC	0.02	ppm	ND	PASS	1.5
CADMIUM	0.02	ppm	0.105	PASS	0.5
MERCURY	0.02	ppm	ND	PASS	3
LEAD	0.02	ppm	ND	PASS	0.5
Analyzed by: 1022, 585, 1440	Weight: 0.295g	Extraction date: 05/01/23 08:58:01		Extracted by: 1022,3619	
Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL					
Analytical Batch : DA059516HEA					
Instrument Used : DA-ICPMS-003					
Analyzed Date : 05/01/23 13:09:05					
Reviewed On : 05/02/23 10:19:52					
Batch Date : 04/30/23 15:23:32					
Dilution : 50					
Reagent : 040623.R23; 042623.R82; 042823.R30; 042523.R25; 042823.R28; 042823.R29; 041123.R28; 042523.R20; 020123.02					
Consumables : 179436; 210508058; 12628-309CC-309					
Pipette : DA-061; DA-191; DA-216					
Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry 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 : DA059480FIL

Instrument Used : Filth/Foreign Material Microscope

Analyzed Date : 04/28/23 21:07:55

Reviewed On : 04/28/23 21:18:30

Batch Date : 04/28/23 21:03:24

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	0.537	PASS	0.85

Analyzed by:	Weight:	Extraction date:	Extracted by:
2926, 585, 1440	4.055g	04/29/23 14:47:40	2926

Analysis Method : SOP.T.40.019

Analytical Batch : DA059497WAT

Instrument Used : DA-028 Rotronic HygroPalm

Analyzed Date : N/A

Reviewed On : 04/30/23 00:10:16

Batch Date : 04/29/23 12:04:42

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	4.373	25

Analyzed by

3963, 3335, 585, 1440

 Average Weight
2.376g

 Extraction date :
04/29/23 10:46:22
3605,3963

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

Analytical Batch : DA059483HOM

Instrument Used : DA-LC-001 (Homo)

Analyzed Date : 04/29/23 13:09:59

Reviewed On : 05/01/23 10:32:13

Batch Date : 04/29/23 08:21:19

Dilution : 40

Reagent : 031523.R47; 040323.01; 071222.35; 042623.R46

Consumables : 947.109; 250346; CE0123; 115C4-1151; 12628-309CC-309; 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.