



Certificate of Analysis

Sample: DA00401007-003
Harvest/Lot ID: HS-TETH0327202001
Cultivation Facility: Miami Cultivation
Processing Facility: Homestead Processing
Seed to Sale #4071 0812 2383 0968
Batch Date : N/A
Batch#: HS-TETH0327202001
Sample Size Received: 7.0 gram
Total Weight/Volume: 1000 gram
Retail Product Size: 1.0 gram gram
Ordered : 04/01/20
sampled : 04/01/20
Completed: 04/03/20
Sampling Method: SOP.T.20.010

PASSED

Page 1 of 5

Apr 03, 2020 | CURALEAF FLORIDA LLC

19000 SW 192 STREET
MIAMI, FL, 33187, US



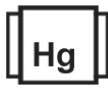
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
TESTED

CANNABINOID RESULTS



Total THC

75.245%

THC/Container : 752.453 mg



Total CBD

0.359%

CBD/Container : 3.596 mg



Total Cannabinoids

88.832%

Total Cannabinoids/Container
: 888.320 mg

	TOTAL CA	TOTAL CB	TOTAL TH	CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
%	88.8319	0.3590	75.2450	ND	2.5390	0.4780	ND	ND	ND	ND	0.4100	ND	2.8060	82.5990
mg/g	888.3190	3.5900	752.4500	ND	25.3900	4.7800	ND	ND	ND	ND	4.1000	ND	28.0600	825.9900
LOD	0.0000	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0001	0.0001	0.0010
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Filtration PASSED

Analyzed By: 584
Analyte: Filth and Foreign Material
Analysis Method: -SOP.T.40.013
Analytical Batch: -DA011355FIL
Instrument Used: Filth/Foreign Material Microscope
Weight: 1g
Extraction date: 04/01/20
Extracted By: 584
LOD: 0
Result: ND
Batch Date: 04/01/20 11:09:31
Reviewed On: 04/01/20 12:16:40

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	0.1094g	04/01/20 12:04:46	965
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 04/02/20 11:25:51	Batch Date : 04/01/20 09:15:21
Analytical Batch -DA011349POT	Instrument Used : DA-LC-003 CBD		
Reagent	Dilution	Consums. ID	
032320.11	400	180111	
033120.R19		280653964	
033120.R18		914C4-914AK	
		929C6-929H	

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

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Jorge Segredo
Lab Director

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


Signature

04/03/20

Signed On



Certificate of Analysis

PASSED

 19000 SW 192 STREET
 MIAMI, FL, 33187, US
Telephone: 7865860672
Email: erick.ramirez@curaleaf.com

Sample : DA00401007-003
Harvest/LOT ID: HS-TETH0327202001

Batch# : HS-TETH0327202001
Sampled : 04/01/20
Ordered : 04/01/20

Sample Size Received : 7.0 gram
Total Weight/Volume : 1000 gram
Completed : 04/03/20 **Expires:** 04/03/21
Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
ALPHA-CEDRENE	0.007	ND	ND		EUCALYPTOL	0.007	ND	ND	
ALPHA-HUMULENE	0.007	5.590	0.559		ISOBORNEOL	0.007	ND	ND	
ALPHA-PINENE	0.007	ND	ND		HEXAHYDROTHYMOL	0.007	ND	ND	
ALPHA-TERPINENE	0.007	ND	ND		FENCHYL ALCOHOL	0.007	ND	ND	
BETA-MYRCENE	0.007	0.549	0.054		3-CARENE	0.007	ND	ND	
BETA-PINENE	0.007	ND	ND		CIS-NEROLIDOL	0.007	ND	ND	
BORNEOL	0.013	ND	ND		ISOPULEGOL	0.007	ND	ND	
CAMPHENE	0.007	ND	ND						
CAMPHOR	0.013	ND	ND						
CARYOPHYLLENE OXIDE	0.007	0.727	0.072						
CEDROL	0.007	ND	ND						
ALPHA-BISABOLOL	0.007	2.549	0.254						
SABINENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
TERPINEOL	0.007	1.638	0.163						
TERPINOLENE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	14.980	1.498						
TRANS-NEROLIDOL	0.007	ND	ND						
VALENCENE	0.007	ND	ND						
PULEGONE	0.007	ND	ND						
ALPHA-PHELLANDRENE	0.007	ND	ND						
OCIMENE	0.007	ND	ND						
NEROL	0.007	ND	ND						
LINALOOL	0.007	2.115	0.211						
LIMONENE	0.007	1.167	0.116						
GUAIOL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
GERANIOL	0.007	ND	ND						
GAMMA-TERPINENE	0.007	ND	ND						
FENCHONE	0.007	ND	ND						
FARNESENE	0.007	13.339	1.333						
Total (%)		4.265							



Terpenes

TESTED
Analyzed by 1351 **Weight** 0.9735g **Extraction date** 04/01/20 11:04:30 **Extracted By** 1351

Analysis Method -SOP.T.40.090
Analytical Batch -DA011346TER **Reviewed On - 04/03/20 10:19:10**
Instrument Used : Liquid Injection GCMS QP2010
Running On :
Batch Date : 04/01/20 09:07:39

Reagent	Dilution	Consums. ID
021420.11	10	180111
012120.R13		280653964

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC/MS.



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Harvest/LOT ID: HS-TETH0327202001

Batch# : HS-TETH0327202001
Sampled : 04/01/20
Ordered : 04/01/20

Sample Size Received : 7.0 gram
Total Weight/Volume : 1000 gram
Completed : 04/03/20 **Expires:** 04/03/21
Sample Method : SOP.T.20.010

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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.1	ND	OXAMYL	0.05	ppm	0.5	ND
ACEPHATE	0.01	ppm	0.1	ND	PACLOBUTRAZOL	0.01	ppm	0.1	ND
ACEQUINOCYL	0.01	ppm	0.1	ND	PHOSMET	0.01	ppm	0.1	ND
ACETAMIPRID	0.01	ppm	0.1	ND	PIPERONYL BUTOXIDE	0.1	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND	PRALLETHRIN	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	0.1	ND	PROPICONAZOLE	0.01	ppm	0.1	ND
BIFENAZATE	0.01	ppm	0.1	ND	PROPOXUR	0.01	ppm	0.1	ND
BIFENTHRIN	0.01	ppm	0.1	ND	PYRETHRINS	0.05	ppm	0.5	ND
BOSCALID	0.01	PPM	0.1	ND	PYRIDABEN	0.02	ppm	0.2	ND
CAPTAN	0.07	ppm	0.7	ND	SPINETORAM	0.02	PPM	0.2	ND
CARBARYL	0.05	ppm	0.5	ND	SPIROMESIFEN	0.01	ppm	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	SPIROTETRAMAT	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.1	ppm	1	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CHLORFENAPYR	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.05	ppm	1	ND	THIACLOPRID	0.01	ppm	0.1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	0.5	ND
CLOFENTEZINE	0.02	ppm	0.2	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	5	ND
COUMAPHOS	0.01	ppm	0.1	ND	TOTAL PERMETHRIN	0.01	ppm	0.1	ND
CYFLUTHRIN	0.05	ppm	0.5	ND	TOTAL SPINOSAD	0.01	ppm	0.1	ND
CYPERMETHRIN	0.05	ppm	0.5	ND	TRIFLOXYSTROBIN	0.01	ppm	0.1	ND
DAMINOZIDE	0.01	ppm	0.1	ND					
DIAZANON	0.01	ppm	0.1	ND					
DICHLORVOS	0.01	ppm	0.1	ND					
DIMETHOATE	0.01	ppm	0.1	ND					
DIMETHOMORPH	0.02	ppm	0.2	ND					
ETHOPROPHOS	0.01	ppm	0.1	ND					
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	0.1	ND					
FENHEXAMID	0.01	ppm	0.1	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	0.1	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	0.1	ND					
FLUDIOXONIL	0.01	ppm	0.1	ND					
HEXYTHIAZOX	0.01	ppm	0.1	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	0.4	ND					
KRESOXIM-METHYL	0.01	ppm	0.1	ND					
MALATHION	0.02	ppm	0.2	ND					
METALAXYL	0.01	ppm	0.1	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
METHYL PARATHION	0.005	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	0.1	ND					
NALED	0.025	ppm	0.25	ND					



Pesticides

PASSED

Analyzed by 585	Weight 1.0033g	Extraction date 04/01/20 12:04:43	Extracted By 1082
Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070, SOP.T.30.065, SOP.T.40.070			
Analytical Batch - DA011347PES		Reviewed On- 04/01/20 12:16:40	
Instrument Used - DA-LCMS-001_DER		Batch Date : 04/01/20 09:13:33	
Running On :			
Reagent	Dilution	Consums. ID	
031210.16	10	180111	
031210.R15		280653964	
031210.R16			
Pesticide screen is performed using LC-MS and/or GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and GCMSMS. SOP.T.40.065/SOP.T.40.066/SOP.T.40.070 Procedure for Pesticide Quantification Using LCMS and GCMS). * Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.			

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Jorge Segredo
 Lab Director

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


 Signature

04/03/20

Signed On



Certificate of Analysis

PASSED

 19000 SW 192 STREET
 MIAMI, FL, 33187, US
Telephone: 7865860672
Email: erick.ramirez@curaleaf.com

Sample : DA00401007-003
Harvest/LOT ID: HS-TETH0327202001

Batch# : HS-TETH0327202001
Sampled : 04/01/20
Ordered : 04/01/20

Sample Size Received : 7.0 gram
Total Weight/Volume : 1000 gram
Completed : 04/03/20 **Expires:** 04/03/21
Sample Method : SOP.T.20.010

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	Residual Solvents	PASSED
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	Residual Solvents	PASSED
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Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,1-DICHLOROETHENE	1	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.18	ppm	2	PASS	ND
2-PROPANOL	45	ppm	500	PASS	ND
ACETONE	67.5	ppm	750	PASS	<140.000
ACETONITRILE	5.4	ppm	60	PASS	ND
BENZENE	0.09	ppm	1	PASS	ND
BUTANES (N-BUTANE)	96	ppm	5000	PASS	ND
CHLOROFORM	0.18	ppm	2	PASS	ND
DICHLOROMETHANE	3.75	ppm	125	PASS	ND
ETHANOL	90	ppm	5000	PASS	943.545
ETHYL ACETATE	36	ppm	400	PASS	ND
ETHYL ETHER	45	ppm	500	PASS	ND
ETHYLENE OXIDE	0.6	ppm	5	PASS	ND
HEPTANE	45	ppm	5000	PASS	ND
METHANOL	22.5	ppm	250	PASS	ND
N-HEXANE	4.5	ppm	250	PASS	ND
PENTANES (N-PENTANE)	67.5	ppm	750	PASS	ND
PROPANE	120	ppm	5000	PASS	ND
TOLUENE	13.5	ppm	150	PASS	ND
TOTAL XYLENES	13.5	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.25	ppm	25	PASS	ND

Analyzed by 850	Weight 0.0212g	Extraction date 04/01/20 02:04:55	Extracted By 850
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Analysis Method -SOP.T.40.032
Analytical Batch -DA011364SOL
Instrument Used : Headspace GCMS
Running On :
Batch Date : 04/01/20 14:16:19

Reviewed On - 04/02/20 12:11:27

Reagent	Dilution	Consums. ID
	1	00279984 161291-1 24154107

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 21 Residual solvents.(Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS).



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Harvest/LOT ID: HS-TETH0327202001

Batch# : HS-TETH0327202001
Sampled : 04/01/20
Ordered : 04/01/20

Sample Size Received : 7.0 gram
Total Weight/Volume : 1000 gram
Completed : 04/03/20 **Expires:** 04/03/21
Sample Method : SOP.T.20.010

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	Microbials	PASSED
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Analyte	LOD	Result	Action Level (cfu/g)
ASPERGILLUS_FLAVUS		not present in 1 gram.	
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	
ASPERGILLUS_NIGER		not present in 1 gram.	
ASPERGILLUS_TERREUS		not present in 1 gram.	
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	
TOTAL_YEAST_AND_MOLD		<100	

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
 Analytical Batch -DA011339MIC , DA011343TYM Batch Date : 04/01/20, 04/01/20
 Instrument Used : PathogenDX PCR_Array Scanner,PathogenDX PCR_DA-171,
 PathogenDX PCR_Array Scanner
 Running On :

Analyzed by	Weight	Extraction date	Extracted By
513, 513	1.0084g	04/01/20	357, 513

Reagent	Reagent	Consums. ID	Consums. ID
012120.03	121719.87	181019-274	50AX26219
101619.04	020420.365	SG298A	19323
013120.94	013120.410	181207119C	23819111
122719.32	013120.245	918C4-918J	104867-12
013120.112	022120.277	914C4-914AK	190611634
022120.176		929C6-929H	

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing. Pour-plating is used for quantitation and confirmation, Total Yeast and Mold has an action limit of 100,000 CFU.

	Mycotoxins	PASSED
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Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A+	0.002	ppm	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
 Analytical Batch -DA011348 | Reviewed On - 04/02/20 13:32:52
 Instrument Used : DA-LCMS-001_DER
 Running On :
 Batch Date : 04/01/20 09:15:03

Analyzed by	Weight	Extraction date	Extracted By
585	1g	04/01/20 02:04:30	585

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20ug/Kg.

	Heavy Metals	PASSED
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Reagent	Reagent	Dilution
032420.R06	033020.R05	50
033120.R10	033120.R12	
033020.R02	111319.02	
033020.R03		
033020.R06		
033020.R07		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	<0.100	0.2
CADMIUM	0.02	PPM	ND	0.2
LEAD	0.05	PPM	<0.250	0.5
MERCURY	0.02	PPM	ND	0.2

Analyzed by	Weight	Extraction date	Extracted By
53	0.2620g	04/01/20 01:04:28	457

Analysis Method -SOP.T.40.050, SOP.T.30.052
 Analytical Batch -DA011342HEA | Reviewed On - 04/02/20 06:57:21
 Instrument Used : ICPMS-2030
 Running On :
 Batch Date : 04/01/20 08:40:45

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

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Jorge Segredo
 Lab Director

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 Signature

04/03/20

Signed On