



# Certificate of Analysis

Sample: DA90911015-002  
Harvest/Lot ID: HS-TETH0828201901  
Cultivation Facility: Miami Cultivation  
Processing Facility : Homestead Processing  
Seed to Sale #3677 0439 6181 5023  
Batch Date :N/A  
Batch#: HS-TETH0828201901  
Sample Size Received: 7.0 mg  
Total Weight/Volume: 400 mg  
Retail Product Size: 1.0 gram gram  
Ordered : 09/11/19  
sampled : 09/11/19  
Completed: 09/16/19  
Sampling Method: SOP Client Method

Sep 16, 2019 | CURALEAF FLORIDA LLC

19000 SW 192 STREET  
MIAMI, FL, 33187, US



**PASSED**  
Page 1 of 5

PRODUCT IMAGE



SAFETY RESULTS

 Pesticides NOT TESTED	 Heavy Metals NOT TESTED	 Microbials NOT TESTED	 Mycotoxins NOT TESTED	 Residuals Solvents NOT TESTED	 Filtch NOT TESTED	 Water Activity NOT TESTED	 Moisture NOT TESTED	 Terpenes NOT TESTED
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MISC.

CANNABINOID RESULTS

 <b>Total THC</b> <b>73.806%</b> THC/Container : 738.06 mg	 <b>Total CBD</b> <b>0.265%</b> CBD/Container : 2.66 mg	 <b>Total Cannabinoids</b> <b>0.000%</b> Total Cannabinoids / Container : 0.000
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	D9-THC	THCA	CBD	CBDA	CBN	CBDV	D8-THC	THCV	CBG	CBGA	CBC	TOTAL TH	TOTAL CB
%	4.1410	79.4360	ND	0.3030	0.0230	ND	0.2030	ND	0.4470	4.3830	0.1250	73.8060	0.2650
mg/g	41.4099	794.3600	ND	3.0299	0.2300	ND	2.0290	ND	4.4700	43.8300	1.2500	738.0599	2.6500
LOD	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%	%	%	%

**Filtch** NOT TESTED

Analyzed By	Weight	Extraction date	Extracted By
584	1g	09/11/19	584
Analyte			Result
Filtch and Foreign Material			LOD
Analysis Method -SOP.T.40.013			0
Analytical Batch -DA006286			Batch Date :
Instrument Used :			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-26/T Stereo Microscope is use for inspection.

Cannabinoid Profile Test

Analyzed by 372	Weight 0.1040g	Extraction date : 09/11/19 03:09:10	Extracted By : 574
Analysis Method -SOP.T.40.020, SOP.T.30.050	Instrument Used :		Batch Date :
Analytical Batch -DA006276			
Reagent	Dilution	Consums. ID	
091119.R07	40	76124-662	
091019.R01		576-BK-1025	
091119.R05		849C4-849AK	
091119.R04		840C6-840H	

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



Signature

09/16/19

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

Signed On



# Certificate of Analysis

**PASSED**

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

Sample : DA90911015-002  
Harvest/LOT ID: HS-TETH0828201901

Batch# : HS-TETH0828201901  
Sampled : 09/11/19  
Ordered : 09/11/19

Sample Size Received : 7.0 mg  
Total Weight/Volume : 400 mg  
Completed : 09/16/19 Expires: 09/16/20  
Sample Method : SOP Client Method

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## Terpenes

NOT TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
ALPHA-CEDRENE	0.007	ND	ND		SABINENE	0.007	ND	ND	
ALPHA-HUMULENE	0.007	12.567	1.256		SABINENE HYDRATE	0.007	ND	ND	
ALPHA-PINENE	0.007	ND	ND		TERPINEOL	0.007	0.969	0.096	
ALPHA-TERPINENE	0.007	ND	ND		TERPINOLENE	0.007	ND	ND	
BETA-MYRCENE	0.007	< 0.2	< 0.020		TRANS-CARYOPHYLLENE	0.007	33.851	3.385	
BETA-PINENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	ND	ND	
BORNEOL	0.013	< 0.4	< 0.040		VALENCENE	0.007	ND	ND	
CAMPHENE	0.007	ND	ND						
CAMPHOR	0.013	ND	ND						
CARYOPHYLLENE OXIDE	0.007	0.716	0.071						
CEDROL	0.007	ND	ND						
ALPHA-BISABOLOL	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
3-CARENE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	0.685	0.068						
HEXAHYDROTHYMOL	0.007	ND	ND						
EUCALYPTOL	0.007	0.254	0.025						
ISOBORNEOL	0.007	ND	ND						
FARNESENE	0.007	13.656	1.365						
FENCHONE	0.007	ND	ND						
GAMMA-TERPINENE	0.007	ND	ND						
GERANIOL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
GUAJOL	0.007	ND	ND						
LIMONENE	0.007	0.865	0.086						
LINALOOL	0.007	0.722	0.072						
NEROL	0.007	ND	ND						
OCIMENE	0.007	ND	ND						
ALPHA-PHELLANDRENE	0.007	ND	ND						
PULEGONE	0.007	ND	ND						
<b>Total (%)</b>		6.429							



## Terpenes

NOT TESTED

<b>Analyzed by</b> 585	<b>Weight</b> 1.0486g	<b>Extraction date</b> 09/12/19 05:09:11	<b>Extracted By</b> 585
<b>Analysis Method -SOP.T.40.090</b>			
<b>Analytical Batch -DA006273</b>			
<b>Instrument Used :</b>			
<b>Running On :</b>			
<b>Batch Date :</b>			
<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>	
090619.R01	10	180711 SFN-BX-1025 923C4-923AK 910C6 - 910H	

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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**Jorge Segredo**  
Lab Director



Signature

09/16/19

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Completed : 09/16/19 Expires: 09/16/20  
Sample Method : SOP Client Method

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## Pesticides

NOT TESTED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
DIMETHOATE	0.01	ppm	0.05	ND	PACLOBUTRAZOL	0.01	ppm	0.05	ND
ABAMECTIN B1A	0.02	ppm	0.1	ND	TRANS-PERMETHRIN	0.05	ppm	0.1	ND
PENTACHLORONITROBENZENE	0.005	ppm	0.2	ND	PHOSMET	0.01	ppm	0.1	ND
METHYL PARATHION	0.005	ppm	0.2	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	ND
CYFLUTHRIN	0.025	ppm	1	ND	PRALLETHRIN	0.05	ppm	0.1	ND
CIS-PERMETHRIN	0.05	ppm	0.1	ND	PROPICONAZOLE	0.01	ppm	0.1	ND
ACEPHATE	0.001	ppm	0.1	ND	PROPOXUR	0.01	ppm	0.1	ND
DIMETHOMORPH	0.005	ppm	0.05	ND	PYRETHRIN I	0.01	ppm	0.5	ND
ETHOPROPHOS	0.01	ppm	0.05	ND	PYRIDABEN	0.01	ppm	0.2	ND
ACEQUINOCYL	0.01	ppm	0.1	ND	SPINOSAD (SPINOSYN A)	0.01	ppm	0.1	ND
ACETAMIPRID	0.01	ppm	0.05	ND	SPINOSAD (SPINOSYN D)	0.01	ppm	0.1	ND
ETOFENPROX	0.01	ppm	0.05	ND	SPIROMESIFEN	0.01	ppm	0.1	ND
ALDICARB	0.02	ppm	0.05	ND	SPIROTETRAMAT	0.02	ppm	0.1	ND
ETOXAZOLE	0.01	ppm	0.05	ND	SPIROXAMINE	0.01	ppm	0.05	ND
AZOXYSTROBIN	0.01	ppm	0.05	ND	TEBUCONAZOLE	0.01	ppm	0.05	ND
FENHEXAMID	0.01	ppm	0.1	ND	THIACLOPRID	0.01	ppm	0.05	ND
BIFENAZATE	0.01	ppm	0.1	ND	THIAMETHOXAM	0.01	ppm	0.05	ND
FENOXYCARB	0.01	ppm	0.05	ND	TRIFLOXYSTROBIN	0.01	ppm	0.1	ND
FENPYROXIMATE	0.01	ppm	0.5	ND					
BIFENTHRIN	0.01	ppm	0.1	ND					
CARBARYL	0.01	ppm		ND					
FIPRONIL	0.02	ppm	0.05	ND					
FLONICAMID	0.01	ppm	0.4	ND					
CARBOFURAN	0.01	ppm		ND					
CHLORANTRANILIPROLE	0.01	ppm		ND					
FLUIDIOXONIL	0.01	ppm	0.1	ND					
HEXYTHIAZOX	0.01	ppm	0.25	ND					
CHLORFENAPYR	0.01	ppm	0.05	ND					
IMAZALIL	0.01	ppm	0.05	ND					
CHLORPYRIFOS	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.01	ppm	0.1	ND					
CLOFENTEZINE	0.01	ppm	0.2	ND					
KRESOXIM-METHYL	0.01	ppm	0.1	ND					
COUMAPHOS	0.005	ppm	0.05	ND					
MALATHION	0.01	ppm	0.05	ND					
CYPERMETHRIN	0.01	ppm	0.5	ND					
DAMINOZIDE	0.01	ppm	0.5	ND					
METALAXYL	0.01	ppm	0.05	ND					
DICHLORVOS	0.05	ppm	0.1	ND					
METHIOCARB	0.01	ppm	0.05	ND					
METHOMYL	0.01	ppm	0.1	ND					
DIAZANON	0.01	ppm	0.05	ND					
MEVINPHOS	0.01	ppm	0.05	ND					
MYCLOBUTANIL	0.01	ppm	0.1	ND					
NALED	0.01	ppm	0.25	ND					
OXAMYL	0.01	ppm	0.25	ND					


**Pesticides**
NOT TESTED

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<b>Analyzed by</b> 56	<b>Weight</b> 1g	<b>Extraction date</b> NA	<b>Extracted By</b> NA
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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 - DA006306  
 Instrument Used :  
 Running On : Batch Date :

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<b>Reagent</b>	<b>Dilution</b> 10	<b>Consums. ID</b>
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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 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



Signature

09/16/19

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

Signed On



# Certificate of Analysis

**PASSED**

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

Sample : DA90911015-002  
Harvest/LOT ID: HS-TETH0828201901

Batch# : HS-TETH0828201901  
Sampled : 09/11/19  
Ordered : 09/11/19

Sample Size Received : 7.0 mg  
Total Weight/Volume : 400 mg  
Completed : 09/16/19 Expires: 09/16/20  
Sample Method : SOP Client Method

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## Residual Solvents

NOT TESTED



## Residual Solvents

NOT TESTED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
1,1-DICHLOROETHENE	0.2	ppm	8	PASS	ND
1,4-DIOXANE	22.8	ppm		PASS	ND
2-BUTANOL	140	ppm		PASS	ND
2-ETHOXYETHANOL	9.6	ppm		PASS	ND
2-PROPANOL	140	ppm	500	PASS	ND
ACETONE	140	ppm	750	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
BUTANES (ISO-BUTANE)	50	ppm	2000	PASS	ND
BUTANES (N-BUTANE)	50	ppm	2000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
ETHANOL	140	ppm	5000	PASS	913.645
ETHYL ACETATE	140	ppm	400	PASS	ND
CYCLOHEXANE	232.8	ppm		PASS	ND
DICHLOROMETHANE	36	ppm		PASS	ND
ETHYL ETHER	140	ppm	500	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
ETHYLBENZENE	130.2	ppm		PASS	ND
HEPTANE	140	ppm	500	PASS	ND
HEXANES (2,2-DIMETHYLBUTANE)	17.4	ppm	60	PASS	ND
HEXANES (2,3-DIMETHYLBUTANE)	17.4	ppm	60	PASS	ND
HEXANES (2-METHYLPENTANE)	17.4	ppm	60	PASS	ND
HEXANES (3-METHYLPENTANE)	17.4	ppm	60	PASS	ND
ISOPROPYL ACETATE	140	ppm		PASS	ND
METHYLENE CHLORIDE	1	ppm	125	PASS	ND
METHANOL	25	ppm	250	PASS	ND
N-HEXANE	17.4	ppm	60	PASS	ND
PENTANES (ISO-PENTANE)	140	ppm		PASS	ND
PENTANES (N-PENTANE)	50	ppm	750	PASS	ND
PENTANES (NEO-PENTANE)	50	ppm		PASS	ND
PROPANE	10	ppm	2100	PASS	ND
TETRAHYDROFURAN	43.2	ppm		PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	150	ppm		PASS	ND
TRICHLOROETHYLENE	15	ppm		PASS	ND

**Analyzed by** 850  
**Weight** 0.0215g  
**Extraction date** 09/11/19 02:09:48  
**Extracted By** 850  
**Analysis Method -SOP.T.40.032**  
**Analytical Batch -DA006278**  
**Instrument Used :**  
**Running On :**  
**Batch Date :**

Reagent	Dilution	Consums. ID
	1	

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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**Jorge Segredo**  
Lab Director



Signature

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Sample Method : SOP Client Method

Page 5 of 5

 **Microbials** NOT TESTED

 **Mycotoxins** NOT TESTED

Analyte	LOD	Result	Action Level (cfu/g)
ASPERGILLUS_TERREUS_1J2		not present in 1 gram.	
ASPERGILLUS_NIGER		not present in 1 gram.	
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	
ASPERGILLUS_FLAVUS		not present in 1 gram.	
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN_G2	0.001	ppm	ND	0.02
AFLATOXIN_G1	0.001	ppm	ND	0.02
AFLATOXIN_B2	0.001	ppm	ND	0.02
AFLATOXIN_B1	0.001	ppm	ND	0.02
OCHRATOXIN_A	0.001	ppm	ND	0.02

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041  
Analytical Batch -DA006275 Batch Date :  
Instrument Used :  
Running On :

Analysis Method -SOP.T.30.065, SOP.T.40.065  
Analytical Batch -DA006307  
Instrument Used :  
Running On :  
Batch Date :

Analyzed by	Weight	Extraction date	Extracted By
513	1g	09/11/19	513

Analyzed by	Weight	Extraction date	Extracted By
56	1g	NA	NA

Reagent	Consums. ID
090619.R02	A01 2803018 013 009A 019 009

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T.40.065 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.

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.

 **Heavy Metals** NOT TESTED

Dilution  
50

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.0062878	ppm	0.055	0.2
CADMIUM	0.0040357	ppm	ND	0.2
LEAD	0.0022993	ppm	0.073	0.5
MERCURY	0.0016524	ppm	ND	0.1

Analyzed by	Weight	Extraction date	Extracted By
457	0.5299g	09/11/19 04:09:35	457

Analysis Method -SOP.T.40.050, SOP.T.30.052  
Analytical Batch -DA006284  
Instrument Used :  
Running On :  
Batch Date :

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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