



# Certificate of Analysis

Sample: DA91211002-006  
Harvest/Lot ID: MD-9583 3227 9032 4741  
Cultivation Facility: Mt. Dora Cultivation  
Processing Facility: Mt. Dora Processing  
Seed to Sale #MD-9583 3227 9032 4741  
Batch Date : N/A  
Batch#: MD-9583 3227 9032 4741  
Sample Size Received: 10 gram  
Total Weight/Volume: 10 gram  
Retail Product Size: 10 gram gram  
Ordered : 12/10/19  
sampled : 12/10/19  
Completed: 12/14/19  
Sampling Method: SOP Client Method

Dec 14, 2019 | 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  
**NOT TESTED**



Filtration  
**NOT TESTED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**NOT TESTED**

## MISC.

## CANNABINOID RESULTS



Total THC  
**18.571%**



Total CBD  
**0.068%**



Total Cannabinoids  
**0.000%**

	TOTAL CB	TOTAL TH	CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	THCA	D9-THC
%	0.0680	18.5710	ND	0.9920	0.1560	ND	0.0270	ND	ND	0.0780	ND	20.9609	0.1890
mg/g	0.6800	185.7100	ND	9.9200	1.5600	ND	0.2700	ND	ND	0.7800	ND	209.6100	1.8900
LOD	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0001	0.0010	0.0001
%	%	%	%	%	%	%	%	%	%	%	%	%	%

## Cannabinoid Profile Test

Analyzed by 1224	Weight 0.2200g	Extraction date : 12/11/19 12:12:25	Extracted By : 965
Analysis Method -SOP.T.40.020, SOP.T.30.050			Batch Date :
Analytical Batch -DA008609POT	Instrument Used :		
Reagent	Dilution	Consums. ID	
121119.R09		76124-662 SPN-BX-1025 849C4-849AK 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

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

  
Signature

12/14/19

Signed On



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

**Sample :** DA91211002-006

**Harvest/LOT ID:** MD-9583 3227 9032 4741

**Batch# :** MD-9583 3227  
 9032 4741

**Sample Size Received :** 10 gram

**Total Weight/Volume :** 10 gram

**Completed :** 12/14/19

**Expires:** 12/14/20

**Sample Method :** SOP Client Method

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## Pesticides

**PASSED**

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
CHLORDANE	0.005	ppm	0.1	ND	OXAMYL	0.01	ppm	0.5	ND
CAPTAN	0.05	ppm	3	ND	PACLOBUTRAZOL	0.01	ppm	0.1	ND
BOSCALID	0.01	PPM	3	ND	TRANS-PERMETHRIN	0.05	ppm	1	ND
DIMETHOATE	0.01	ppm	0.1	ND	PHOSMET	0.01	ppm	0.2	ND
ABAMECTIN B1A	0.02	ppm	0.3	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	ND
CIS-PERMETHRIN	0.05	ppm	1	ND	PRALLETHRIN	0.05	ppm	0.4	ND
SPINETORAM	0.01	PPM	3	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACEPHATE	0.001	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
DIMETHOMORPH	0.005	ppm	3	ND	PYRETHRIN I	0.01	ppm	1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	PYRIDABEN	0.01	ppm	3	ND
ACEQUINOCYL	0.01	ppm	2	ND	SPINOSAD (SPINOSYN A)	0.01	ppm	3	ND
ACETAMIPRID	0.01	ppm	3	ND	SPINOSAD (SPINOSYN D)	0.01	ppm	3	ND
ETOXENPROX	0.01	ppm	0.1	ND	SPIROMESIFEN	0.01	ppm	3	ND
ALDICARB	0.02	ppm	0.1	ND	SPIROTETRAMAT	0.02	ppm	3	ND
ETOXAZOLE	0.01	ppm	1.5	ND	SPIROXAMINE	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
FENHEXAMID	0.01	ppm	3	ND	THIACLOPRID	0.01	ppm	0.1	ND
BIFENAZATE	0.01	ppm	3	ND	THIAMETHOXAM	0.01	ppm	1	ND
FENOXYCARB	0.01	ppm	0.1	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
FENPYROXIMATE	0.01	ppm	2	ND					
BIFENTHRIN	0.01	ppm	0.5	ND					
CARBARYL	0.01	ppm	0.5	ND					
FIPRONIL	0.02	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
CARBOFURAN	0.01	ppm	0.1	ND					
CHLORANTRANILIPROLE	0.01	ppm	3	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
CHLORFENAPYR	0.01	ppm	0.1	ND					
IMAZALIL	0.01	ppm	0.1	ND					
CHLORPYRIFOS	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.01	ppm	3	ND					
CLOFENTEZINE	0.01	ppm	0.5	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
COUMAPHOS	0.005	ppm	0.1	ND					
MALATHION	0.01	ppm	2	ND					
CYPERMETHRIN	0.01	ppm	1	ND					
DAMINOZIDE	0.02	ppm	0.1	ND					
METALAXYL	0.01	ppm	3	ND					
DICHLORVOS	0.05	ppm	0.1	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
DIAZANON	0.01	ppm	0.2	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.01	ppm	0.5	ND					



## Pesticides

**PASSED**

<b>Analyzed by</b> 585	<b>Weight</b> 1.0037g	<b>Extraction date</b> 12/11/19 12:12:32	<b>Extracted By</b> 584
<b>Analysis Method</b> - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070 , SOP.T.30.065, SOP.T40.070 <b>Analytical Batch</b> - DA008619PES <b>Instrument Used</b> : <b>Running On</b> :			
<b>Reagent</b>	<b>Dilution</b>	<b>Batch Date :</b>	
<b>Consums. ID</b>			
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

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**Total Weight/Volume :** 10 gram

**Completed :** 12/14/19 **Expires:** 12/14/20

**Sample Method :** SOP Client Method

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	<b>Microbials</b>	<b>PASSED</b>
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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.	

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041

Analytical Batch -DA008621MIC Batch Date :

Instrument Used :

Running On :

Analyzed by	Weight	Extraction date	Extracted By
357	1.0931g	12/11/19	1082

Reagent	Consums. ID	Consums. ID
121019.R05	2802011	19193
	A02	
	2803021	
	009D	
	020	
	011	

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.

	<b>Mycotoxins</b>	<b>PASSED</b>
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Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	
AFLATOXIN G1	0.002	ppm	ND	
AFLATOXIN B2	0.002	ppm	ND	
AFLATOXIN B1	0.002	ppm	ND	
OCHRATOXIN A+	0.002	ppm	ND	0.02
TOTAL AFLATOXINS	0.02	PPM	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065

Analytical Batch -DA008620

Instrument Used :

Running On :

Batch Date :

Analyzed by	Weight	Extraction date	Extracted By
585	1g	NA	NA

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 <20µg/Kg.

	<b>Heavy Metals</b>	<b>PASSED</b>
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Reagent	Reagent	Dilution
121019.R02	052419.01	50
121119.R05		
121119.R03		
112119.R02		
120419.R01		
120419.R02		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.01	PPM	<0.030	1.5
CADMIUM	0.01	PPM	<0.030	0.5
LEAD	0.01	PPM	<0.030	0.5
MERCURY	0.01	PPM	ND	3

Analyzed by	Weight	Extraction date	Extracted By
53	0.2645g	12/11/19 02:12:26	457

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -DA008606HEA

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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