



Certificate of Analysis

SAMPLE:DA91107017-005

Harvest/Lot ID: 19118

Seed to Sale #N/A

Batch#: 190118

Sample Size: 10 gram

Ordered : 11/07/19

Sampled : 11/07/19

Completed: 11/13/19 Expires: 11/13/20

Sampling Method: SOP Client Method

PASSED

Nov 13, 2019 | Green Roads

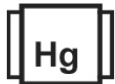
5150 SW 48TH WAY DAVIE
FL, USA 33314



PRODUCT IMAGE SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
PASSED



Filtration
NOT TESTED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
TESTED

MISC.

CANNABINOID RESULTS

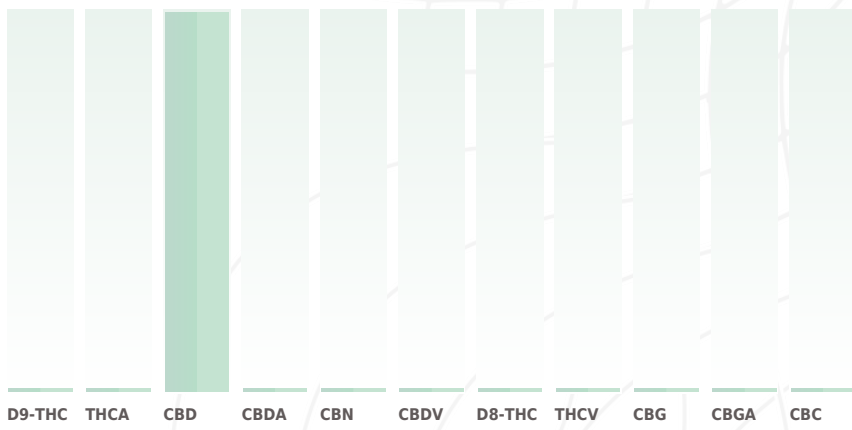


Total THC
0.000%



Total CBD
96.411%

ND	ND	96.411 %	ND	ND	0.299 %	ND	ND	ND	ND	ND
ND	ND	964.110 mg/g	ND	ND	2.990 mg/g	ND	ND	ND	ND	ND



Cannabinoid Profile Test

Analyst 450	Weight 0.1021g	Sample Prep : 2019-11-08 09:11:20	Extracted By : 965
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Analysis Method -SOP.T.40.020, SOP.T.30.050
Analytical Batch -DA007816

Reagent	Dilution	Consums. ID
	400	

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 # n/a
ISO Accreditation # 97164

Signature

11/13/2019

Signed On



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Telephone: (844) 747-3367

Email:
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Sample Method : SOP Client Method

2



Terpenes

TESTED

Terpenes	TEST RESULT (%)	Terpenes	TEST RESULT (%)
ALPHA-CEDRENE	ND	TERPINEOL	ND
ALPHA-HUMULENE	ND	TERPINOLENE	ND
ALPHA-PINENE	ND	TRANS-CARYOPHYLLENE	ND
ALPHA-TERPINENE	ND	TRANS-NEROLIDOL	ND
BETA-MYRCENE	ND	VALENCENE	ND
BETA-PINENE	ND		
BORNEOL	ND		
CAMPHENE	ND		
CAMPHOR	ND		
CARYOPHYLLENE OXIDE	ND		
CEDROL	ND		
ALPHA-BISABOLOL	ND		
ISOPULEGOL	ND		
CIS-NEROLIDOL	ND		
3-CARENE	ND		
FENCHYL ALCOHOL	ND		
HEXAHYDROTHYMOL	ND		
EUCALYPTOL	ND		
ISOBORNEOL	ND		
FARNESENE	ND		
FENCHONE	ND		
GAMMA-TERPINENE	ND		
GERANIOL	ND		
GERANYL ACETATE	ND		
GUAIOL	ND		
LIMONENE	ND		
LINALOOL	ND		
NEROL	ND		
OCIMENE	ND		
ALPHA-PHELLANDRENE	ND		
PULEGONE	ND		
SABINENE	ND		
SABINENE HYDRATE	ND		
Total	0		



Terpenes

TESTED

Analyst 585 **Weight** 0.9096g **Sample Prep :** 2019-11-08 05:11:15 **Extracted By :** 585

Analysis Method -SOP.T.40.090
Analytical Batch -DA007813

Reagent	Dilution	Consums. ID
	10	

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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Batch# : 190118
Sample Size : 10 gram
Ordered : 11/07/19

Sampled : 11/07/19
Completed : 11/13/19 **Expires :** 11/13/20
Sample Method : SOP Client Method

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Pesticides
PASSED

Pesticides	LOQ	Action Level	Units	Result	Pesticides	LOQ	Action Level	Units	Result
CHLORDANE	0.010	0.1	ppm	ND	DICHLORVOS	0.050	0.1	ppm	ND
CAPTAN	0.100	3	ppm	ND	METHIOCARB	0.010	0.1	ppm	ND
BOSCALID	0.010	3000	PPM	ND	METHOMYL	0.010	0.1	ppm	ND
DIMETHOATE	0.010	0.1	ppm	ND	DIAZANON	0.010	0.2	ppm	ND
ABAMECTIN B1A	0.020	0.3	ppm	ND	MEVINPHOS	0.010	0.1	ppm	ND
CIS-PERMETHRIN	0.050	1	ppm	ND	MYCLOBUTANIL	0.010	3	ppm	ND
SPINETORAM	0.010		PPM	ND	NALED	0.010	0.5	ppm	ND
ACEPHATE	0.010	3	ppm	ND	OXAMYL	0.010	0.5	ppm	ND
DIMETHOMORPH	0.005	3	ppm	ND	PACLOBUTRAZOL	0.010	0.1	ppm	ND
ETHOPROPHOS	0.010	0.1	ppm	ND	TRANS-PERMETHRIN	0.050	1	ppm	ND
ACEQUINOCYL	0.050	2	ppm	ND	PHOSMET	0.010	0.2	ppm	ND
ACETAMIPRID	0.010	3	ppm	ND	PIPERONYL BUTOXIDE	0.010	3	ppm	ND
ETOFENPROX	0.010	0.1	ppm	ND	PRALLETHRIN	0.050	0.4	ppm	ND
ALDICARB	0.020	0.1	ppm	ND	PROPICONAZOLE	0.010	1	ppm	ND
ETOXAZOLE	0.010	1.5	ppm	ND	PROPOXUR	0.010	0.1	ppm	ND
AZOXYSTROBIN	0.010	3	ppm	ND	PYRETHRIN I	0.010	1	ppm	ND
FENHEXAMID	0.010	3	ppm	ND	PYRIDABEN	0.010	3	ppm	ND
BIFENAZATE	0.010	3	ppm	ND	SPINOSAD (SPINOSYN A)	0.010	3	ppm	ND
FENOXYCARB	0.010	0.1	ppm	ND	SPINOSAD (SPINOSYN D)	0.010	3	ppm	ND
FENPYROXIMATE	0.010	2	ppm	ND	SPIROMESIFEN	0.010	3	ppm	ND
BIFENTHRIN	0.010	0.5	ppm	ND	SPIROTETRAMAT	0.020	3	ppm	ND
CARBARYL	0.010	0.5	ppm	ND	SPIROXAMINE	0.010	0.1	ppm	ND
FIPRONIL	0.020	0.1	ppm	ND	TEBUCONAZOLE	0.010	1	ppm	ND
FLONICAMID	0.010	2	ppm	ND	THIACLOPRID	0.010	0.1	ppm	ND
CARBOFURAN	0.010	0.1	ppm	ND	THIAMETHOXAM	0.010	1	ppm	ND
CHLORANTRANILIPROLE	0.010	3	ppm	ND	TRIFLOXYSTROBIN	0.010	3	ppm	ND
FLUDIOXONIL	0.010	3	ppm	ND					
HEXYTHIAZOX	0.010	2	ppm	ND					
CHLORFENAPYR	0.010	0.1	ppm	ND					
IMAZALIL	0.010	0.1	ppm	ND					
CHLORPYRIFOS	0.010	0.1	ppm	ND					
IMIDACLOPRID	0.010	3	ppm	ND					
CLOFENTEZINE	0.010	0.5	ppm	ND					
KRESOXIM-METHYL	0.010	1	ppm	ND					
COUMAPHOS	0.005	0.1	ppm	ND					
MALATHION	0.010	2	ppm	ND					
CYPERMETHRIN	0.020	1	ppm	ND					
DAMINOZIDE	0.020	0.1	ppm	ND					
METALAXYL	0.010	3	ppm	ND					


Pesticides
PASSED

Analyst 585	Weight 1.1820g	Sample Prep : 2019-11-08 04:11:08	Extracted By : 1082
Analysis Method -SOP.T.30.065, SOP.T.40.065			
Analytical Batch - DA007834			
Reagent	Dilution	Consums. ID	
SOP.T.30.065, SOP.T.40.065			

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Sample Method : SOP Client Method

4

Residual Solvents
PASSED

Residual Solvents
PASSED

SOLVENT	ACTION LEVEL (PPM)	PASS/FAIL	RESULT
PROPANE	2100	PASS	ND
BUTANES (N-BUTANE)	2000	PASS	ND
ETHYLENE OXIDE	5	PASS	ND
METHANOL	250	PASS	ND
ETHANOL	5000	PASS	ND
PENTANES (N-PENTANE)	750	PASS	ND
ETHYL ETHER	500	PASS	ND
ACETONE	750	PASS	ND
2-PROPANOL	500	PASS	ND
ACETONITRILE	60	PASS	ND
DICHLOROMETHANE	125	PASS	ND
N-HEXANE	250	PASS	ND
ETHYL ACETATE	400	PASS	ND
BENZENE	1	PASS	ND
HEPTANE	500	PASS	ND
TOLUENE	150	PASS	ND
CHLOROFORM	2	PASS	ND
1,2-DICHLOROETHANE	2	PASS	ND
TRICHLOROETHYLENE	25	PASS	ND
1,1-DICHLOROETHENE	8	PASS	ND
TOTAL XYLENES	150	PASS	ND

Analyst 64 **Weight** 0.0254g **Sample Prep :** 2019-11-08 05:11:59 **Extracted By :** 850

Analysis Method -SOP.T.40.032
Analytical Batch -DA007850

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 34 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).

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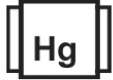
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Sample Method : SOP Client Method

5

Mycotoxins **PASSED**

Heavy Metals **PASSED**

Analyte	Result	Action Level
AFLATOXIN G2	ND	
AFLATOXIN G1	ND	
AFLATOXIN B2	ND	
AFLATOXIN B1	ND	
OCHRATOXIN A+	ND	0.02
TOTAL AFLATOXINS	0.000	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA007835

Microbials **PASSED**

Analyte	Result
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.

Reagent	Dilution	Consums. ID
	50	

Metal	Result	Action Level
ARSENIC	ND	1.5
CADMIUM	ND	0.5
LEAD	ND	0.5
MERCURY	ND	3

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA007822

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.