



# Certificate of Analysis

Nov 12, 2019 | Green Roads

601 Fairway Drive Deerfield Beach  
Florida, United States 33441



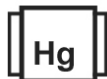
SAMPLE:DA91107015-001  
Harvest/Lot ID: K24V01  
Seed to Sale #N/A  
Batch#: BMR0041/19  
Sample Size: 91.5 gram  
Ordered : 11/07/19  
Sampled : 11/07/19  
Completed: 11/12/19 Expires: 11/12/20  
Sampling Method: SOP Client Method

**PASSED**

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**

MISC.

CANNABINOID RESULTS



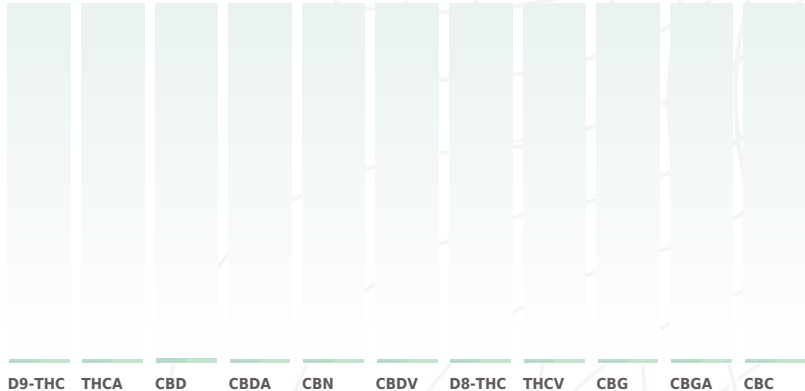
Total THC  
**0.034%**  
THC/Container :31.11 mg



Total CBD  
**0.541%**  
CBD/Container :495.02 mg

0.034 %	ND	0.541 %	ND	ND	ND	ND	ND	ND	ND	ND	ND
0.340 mg/g	ND	5.410 mg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Filtration PASSED**



Analyte	Weight	Sample Prep :	Extracted By :
584	1g	2019-11-08 03:11:45	584
Analysis Method -			
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

Analyst	Weight	Sample Prep :	Extracted By :
450	3.1673g	2019-11-08 09:11:12	965
Analysis Method -SOP.T.40.020, SOP.T.30.050			
Analytical Batch -DA007816			
Reagent	Dilution	Consums. ID	
	40		

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

11/12/2019  
Signed On



# Certificate of Analysis

**PASSED**

**2**

**Green Roads**

601 Fairway Drive Deerfield Beach  
Florida, United States 33441  
**Telephone:** 9546095537  
**Email:** aa@forceinvestments.com

**Sample : DA91107015-001,**  
**Harvest/LOT ID: K24V01,**

**Batch# : BMR0041/19**  
**Sample Size : 91.5 gram**  
**Ordered : 11/07/19**

**Sampled : 11/07/19**  
**Completed : 11/12/19**      **Expires : 11/12/20**  
**Sample Method : SOP Client Method**



**Terpenes**

TESTED

**Terpenes**

ALPHA-CEDRENE	ND
ALPHA-HUMULENE	ND
ALPHA-PINENE	0.210
ALPHA-TERPINENE	ND
BETA-MYRCENE	ND
BETA-PINENE	0.034
BORNEOL	0.040
CAMPHENE	0.082
CAMPHOR	0.287
CARYOPHYLLENE OXIDE	ND
CEDROL	ND
ALPHA-BISABOLOL	ND
ISOPULEGOL	ND
CIS-NEROLIDOL	ND
3-CARENE	ND
FENCHYL ALCOHOL	ND
HEXAHYDROTHYMOL	0.823
EUCALYPTOL	0.147
ISOBORNEOL	ND
FARNESENE	ND
FENCHONE	ND
GAMMA-TERPINENE	ND
GERANIOL	ND
GERANYL ACETATE	ND
GUAIOL	ND
LIMONENE	0.045
LINALOOL	ND
NEROL	ND
OCIMENE	ND
ALPHA-PHELLANDRENE	ND
PULEGONE	ND
SABINENE	ND
SABINENE HYDRATE	ND

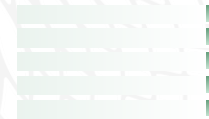
**TEST RESULT (%)**



**Terpenes**

TERPINEOL	ND
TERPINOLENE	ND
TRANS-CARYOPHYLLENE	ND
TRANS-NEROLIDOL	ND
VALENCENE	ND

**TEST RESULT (%)**



**Total**

1.672



**Terpenes**

TESTED

**Analyst** 585      **Weight** 0.8677g      **Sample Prep :** 2019-11-08 05:11:18      **Extracted By :** 585

**Analysis Method -SOP.T.40.090**  
**Analytical Batch -DA007811**

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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Lab Director  
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# Certificate of Analysis

**PASSED**
**3**
**Green Roads**

 601 Fairway Drive Deerfield Beach  
 Florida, United States 33441  
**Telephone:** 9546095537  
**Email:** aa@forceinvestments.com

**Sample : DA91107015-001,**  
**Harvest/LOT ID: K24V01,**
**Batch# :** BMR0041/19  
**Sample Size :** 91.5 gram  
**Ordered :** 11/07/19


**Sampled :** 11/07/19  
**Completed :** 11/12/19    **Expires :** 11/12/20  
**Sample Method :** SOP Client Method



**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**

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<b>Analyst</b> 585	<b>Weight</b> 1.0792g	<b>Sample Prep :</b> 2019-11-08 01:11:08	<b>Extracted By :</b> 1082
<b>Analysis Method -</b> SOP.T.30.065, SOP.T.40.065			
<b>Analytical Batch -</b> DA007832			

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<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>
SOP.T.30.065, SOP.T.40.065		

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**PASSED**
**4**
**Green Roads**

 601 Fairway Drive Deerfield Beach  
 Florida, United States 33441  
**Telephone:** 9546095537  
**Email:** aa@forceinvestments.com

**Sample : DA91107015-001,**  
**Harvest/LOT ID: K24V01,**
**Batch# :** BMR0041/19  
**Sample Size :** 91.5 gram  
**Ordered :** 11/07/19

**Sampled :** 11/07/19  
**Completed :** 11/12/19    **Expires :** 11/12/20  
**Sample Method :** SOP Client Method


**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	156.710
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

<b>Analyst</b> 64	<b>Weight</b> 0.0267g	<b>Sample Prep :</b> 2019-11-08 05:11:55	<b>Extracted By :</b> 850
<b>Analysis Method -SOP.T.40.032</b>			
<b>Analytical Batch -DA007850</b>			

<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>
	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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**PASSED**
**5**
**Green Roads**

 601 Fairway Drive Deerfield Beach  
 Florida, United States 33441  
**Telephone:** 9546095537  
**Email:** aa@forceinvestments.com

**Sample :** DA91107015-001,  
**Harvest/LOT ID:** K24V01,

**Batch# :** BMR0041/19  
**Sample Size :** 91.5 gram  
**Ordered :** 11/07/19

**Sampled :** 11/07/19  
**Completed :** 11/12/19    **Expires :** 11/12/20  
**Sample Method :** SOP Client Method


Mycotoxins
PASSED

Hg

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 -DA007833**

Reagent	Dilution	Consums. ID
	50	

Metal	Result	Action Level
ARSENIC	0.012	1.5
CADMIUM	ND	0.5
LEAD	0.297	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.


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.

Result
not present in 1 gram.
not present in 1 gram.
not present in 1 gram.
not present in 1 gram.
not present in 1 gram.
not present in 1 gram.

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