



# Certificate of Analysis

Sample: DA10127001-001  
Harvest/Lot ID: A11X01  
Seed to Sale #N/A  
Batch Date : 01/11/21  
Batch#: BMR0086/GRW0059  
Sample Size Received: 30 gram  
Retail Product Size: 30  
Ordered : 01/26/21  
Sampled : 01/26/21  
Completed: 02/02/21 Expires: 02/02/22  
Sampling Method: SOP Client Method

Feb 02, 2021 | Green Roads

601 Fairway Drive, 601 Fairway Drive  
Deerfield Beach, Florida, 33441



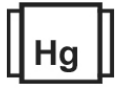
**PASSED**

Page 1 of 4

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  
**NOT TESTED**

MISC.

CANNABINOID RESULTS



TOTAL THC  
**0.000%**

TOTAL THC/Container : 0.000 mg



TOTAL CBD  
**1.230%**

TOTAL CBD/Container : 369.000 mg



Total Cannabinoids  
**1.230%**

Total Cannabinoids/Container : 369.000 mg

CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
ND	ND	ND	ND	1.230%	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	12.300 mg/g	ND	ND	ND	ND	ND	ND
LOD 0.001	0.001	0.001	0.001	0.0001	0.001	0.001	0.0001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%

**Filtration PASSED**

Analyzed By	Weight	Extraction date	Extracted By
457	NA	NA	NA
Analyte		LOD	Result
Filtration and Foreign Material		0.1	ND
Analysis Method	-SOP.T.40.013	Batch Date	01/27/21 11:10:02
Analytical Batch	-DA021709FIL	Reviewed On	01/27/21 11:26:05
Instrument Used	Filtration/Foreign Material Microscope		

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	2.9797g	01/27/21 01:01:56	574
Analysis Method	-SOP.T.40.020, SOP.T.30.050	Reviewed On	01/28/21 11:55:13
Analytical Batch	-DA021693POT	Instrument Used	DA-LC-003
		Batch Date	01/27/21 08:57:51

Reagent	Dilution	Consums. ID
110520.73	400	280670723
012221.R14		11989-024CC-024
012221.R13		76262-590
		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



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02/02/2021

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# Certificate of Analysis

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**Green Roads**

601 Fairway Drive, 601 Fairway Drive  
Deerfield Beach, Florida, 33441  
**Telephone:** (954) 609-5537  
**Email:** ashley@greenroads.com

**Sample :** DA10127001-001  
**Harvest/LOT ID:** A11X01

**Batch # :** BMR0086/GRW0059  
**Sampled :** 01/26/21  
**Ordered :** 01/26/21

**Sample Size Received :** 30 gram  
**Completed :** 02/02/21 **Expires:** 02/02/22  
**Sample Method :** SOP Client Method

**Page 2 of 4**



## Pesticides

# PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PYRETHRINS	0.05	ppm	1	ND
ACEPHATE	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
ACEQUINOCYL	0.01	ppm	2	ND	SPIROMESIFEN	0.01	ppm	3	ND
ACETAMIPRID	0.01	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND	SPIROXAMINE	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
BIFENAZATE	0.01	ppm	3	ND	THIACLOPRID	0.01	ppm	0.1	ND
BIFENTHRIN	0.01	ppm	0.5	ND	THIAMETHOXAM	0.05	ppm	1	ND
BOSCALID	0.01	PPM	3	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	PPM	20	ND
CARBARYL	0.05	ppm	0.5	ND	TOTAL DIAZINON	0.01	PPM	0.2	ND
CARBOFURAN	0.01	ppm	0.1	ND	TOTAL DIMETHOMORPH	0.02	PPM	3	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	TOTAL SPINETORAM	0.02	PPM	3	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPIROSAD	0.01	ppm	3	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
COUMAPHOS	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
DAMINOZIDE	0.01	ppm	0.1	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
DICHLORVOS	0.01	ppm	0.1	ND	CHLORDANE *	0.01	PPM	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND	CAPTAN *	0.025	PPM	3	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
ETOFENPROX	0.01	ppm	0.1	ND	CYFLUTHRIN *	0.01	PPM	1	ND
ETOXAZOLE	0.01	ppm	1.5	ND	CYPERMETHRIN *	0.01	PPM	1	ND
FENHEXAMID	0.01	ppm	3	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.02	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.025	ppm	0.5	ND					
OXAMYL	0.05	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PHOSMET	0.01	ppm	0.2	ND					
PIPERONYL BUTOXIDE	0.3	ppm	3	ND					
PRALLETHRIN	0.01	ppm	0.4	ND					
PROPICONAZOLE	0.01	ppm	1	ND					
PROPOXUR	0.01	ppm	0.1	ND					



### Pesticides

## PASSED

<b>Analyzed by</b> 585 , 1665	<b>Weight</b> 0.2610g	<b>Extraction date</b> 01/27/21 02:01:40	<b>Extracted By</b> 1665 , 1665
<small>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</small>			
<small>Analytical Batch - DA021695PES , DA021671VOL</small>			
<small>Instrument Used : DA-LCMS-003 (PES) , DA-GCMS-001</small>		<small>Reviewed On- 01/27/21 11:26:05</small>	
<small>Running On : 01/27/21 18:24:53 , 01/27/21 16:00:14</small>		<small>Batch Date : 01/27/21 09:26:08</small>	
<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>	
010421.886 129020.830 012521.834 092820.58	25	6524407-03	
<p><small>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.</small></p> <p><small>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.</small></p>			

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**Jorge Segredo**  
Lab Director



02/02/2021

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

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# Certificate of Analysis

**PASSED**

**Green Roads**

601 Fairway Drive, 601 Fairway Drive  
Deerfield Beach, Florida, 33441  
**Telephone:** (954) 609-5537  
**Email:** ashley@greenroads.com

**Sample :** DA10127001-001  
**Harvest/LOT ID:** A11X01

**Batch# :** BMR0086/GRW0059  
**Sampled :** 01/26/21  
**Ordered :** 01/26/21

**Sample Size Received :** 30 gram  
**Completed :** 02/02/21 **Expires:** 02/02/22  
**Sample Method :** SOP Client Method

**Page 3 of 4**



## Residual Solvents

PASSED



## Residual Solvents

PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
METHANOL	25	ppm	250	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
2-PROPANOL	50	ppm	500	PASS	<250.000
ACETONITRILE	6	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

**Analyzed by** 850    **Weight** 0.0256g    **Extraction date** 01/28/21 10:01:53    **Extracted By** 850

**Analysis Method -SOP.T.40.032**  
**Analytical Batch -DA021728SOL**    **Reviewed On - 01/29/21 14:00:04**  
**Instrument Used : DA-GCMS-003**  
**Running On : 01/28/21 15:08:10**  
**Batch Date : 01/27/21 17:26:49**

Reagent	Dilution	Consums. ID
	1	G201.162 R2017.179

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



02/02/2021

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# Certificate of Analysis

**PASSED**

**Green Roads**

601 Fairway Drive, 601 Fairway Drive  
Deerfield Beach, Florida, 33441  
**Telephone:** (954) 609-5537  
**Email:** ashley@greenroads.com

**Sample :** DA10127001-001

**Harvest/LOT ID:** A11X01

**Batch # :** BMR0086/GRW0059  
**Sampled :** 01/26/21  
**Ordered :** 01/26/21

**Sample Size Received :** 30 gram  
**Completed :** 02/02/21 **Expires:** 02/02/22  
**Sample Method :** SOP Client Method

**Page 4 of 4**


PASSED


PASSED

Analyte	LOD	Result	Analyte	LOD	Units	Result	Action Level (PPM)
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	AFLATOXIN G2	0.002	ppm	ND	0.02
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	AFLATOXIN G1	0.002	ppm	ND	0.02
ASPERGILLUS_FLAVUS		not present in 1 gram.	AFLATOXIN B2	0.002	ppm	ND	0.02
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	AFLATOXIN B1	0.002	ppm	ND	0.02
ASPERGILLUS_TERREUS		not present in 1 gram.	TOTAL OCHRATOXIN A	0.002	PPM	ND	0.02
ASPERGILLUS_NIGER		not present in 1 gram.					
PSEUDOMONAS_AERUGINOSA		not present in 1 gram.					
STAPHYLOCOCCUS_AUREUS		not present in 1 gram.					
TOTAL YEAST AND MOLD	10	<10 CFU					

**Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041**  
**Analytical Batch -DA021668MIC , DA021669TYM Batch Date : 01/27/21, 01/27/21**  
**Instrument Used : PathogenDx Scanner DA-111,**  
**Running On : 01/27/21, 01/27/21**

Analyzed by	Weight	Extraction date	Extracted By
1829, 1829	NA	01/29/21	513,

Reagent Consums. ID	Consums. ID	Consums. ID	Consums. ID	Consums. ID
011121.40	200103-274	2804029	037	2811020
101420.21	3110	2803031	2807013	20324
	218917	D009	2810013G	012020
	002005	D006	2809006	009C6-009
	11.12.2020.MIC	A12	2804030	200507119C
	11989-024CC-024	A10	2808008	914C4-914AK

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 detection testing. Testing for these microorganisms may also be analyzed through a culture-based method that employs the use of differentiating plates that are used for the isolation and enumeration of a specific organism or organism groups (Method SOP.T.40.041).

**Analysis Method -SOP.T.30.065, SOP.T.40.065**  
**Analytical Batch -DA021696MYC | Reviewed On - 01/28/21 12:25:30**  
**Instrument Used :**  
**Running On : 01/27/21 18:24:55**  
**Batch Date : 01/27/21 09:27:52**

Analyzed by	Weight	Extraction date	Extracted By
585	NA	01/27/21 05:01:09	585

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.


PASSED

Reagent	Reagent	Dilution	Consums. ID
012621.R19	012021.R20	100	89401-566
101220.02	012121.R02		
012221.R07	090420.14		
010621.R23	030420.06		
012021.R21	010121.01		
011521.R07			

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	<0.100	3
CADMIUM	0.02	PPM	ND	
MERCURY	0.02	PPM	ND	55
LEAD	0.05	PPM	0.674	10

Analyzed by	Weight	Extraction date	Extracted By
53	0.2625g	01/27/21 11:01:02	1879

**Analysis Method -SOP.T.40.050, SOP.T.30.052**  
**Analytical Batch -DA021699HEA | Reviewed On - 01/28/21 07:22:58**  
**Instrument Used : DA-ICPMS-002**  
**Running On : 01/27/21 16:10:59**  
**Batch Date : 01/27/21 09:35:58**

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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