



# Certificate of Analysis

Sample: DA10504011-002  
Harvest/Lot ID: E03X01  
Seed to Sale #N/A  
Batch Date :05/03/21  
Batch#: BMR0093/GRW0057  
Sample Size Received: 90.9 gram  
Total Weight/Volume: N/A  
Retail Product Size: 90.9 gram  
Ordered : 05/03/21  
sampled : 05/03/21  
Completed: 05/10/21  
Sampling Method: SOP Client Method

May 10, 2021 | Green Roads

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



**PASSED**

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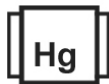
PRODUCT IMAGE



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  
**0.424%**

TOTAL CBD/Container :385.416 mg



Total Cannabinoids  
**0.424%**

Total Cannabinoids/Container :403.596 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	<0.010	ND	<0.010	<0.010	0.4240	ND	ND	ND	ND	<0.010	ND
mg/g	<0.010	ND	<0.010	<0.010	4.2400	ND	ND	ND	ND	<0.010	ND
LOD	0.0010	0.0010	0.0010	0.0010	0.0001	0.0010	0.0010	0.0001	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%	%

**Filtration PASSED**

Analyzed By	Weight	Extraction date	Extracted By
457	NA	NA	NA
Analyte			LOD
Filtration and Foreign Material			0.1
Analysis Method -SOP.T.40.013		Batch Date : 05/04/21 11:13:08	Result
Analytical Batch -DA025776FIL		Reviewed On - 05/04/21 15:17:28	ND
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	2.9605g	05/04/21 03:05:45	1823
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 05/05/21 15:58:40	Batch Date : 05/04/21 10:05:06
Analytical Batch -DA025763POT		Instrument Used : DA-LC-003	

Reagent	Dilution	Consums. ID
110520.96	40	287035261
043021.R11		76262-590
043021.R10		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



05/10/21

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

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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 :** DA10504011-002  
**Harvest/LOT ID:** E03X01

**Batch # :** BMR0093/GRW0057  
**Sampled :** 05/03/21  
**Ordered :** 05/03/21

**Sample Size Received :** 90.9 gram  
**Total Weight/Volume :** N/A  
**Completed :** 05/10/21 **Expires:** 05/10/22  
**Sample Method :** SOP Client Method

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## Pesticides

# PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PROPOXUR	0.01	ppm	0.1	ND
ACEPHATE	0.01	ppm	3	ND	PYRETHRINS	0.05	ppm	1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PYRIDABEN	0.02	ppm	3	ND
ACETAMIPRID	0.01	ppm	3	ND	SPIROMESIFEN	0.01	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND	SPIROTETRAMAT	0.01	ppm	3	ND
AZOXYSTROBIN	0.01	ppm	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
BIFENAZATE	0.01	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
BIFENTHRIN	0.01	ppm	0.5	ND	THIACLOPRID	0.01	ppm	0.1	ND
BOSCALID	0.01	PPM	3	ND	THIAMETHOXAM	0.05	ppm	1	ND
CARBARYL	0.05	ppm	0.5	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.05	PPM	20	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 SPINOSAD	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
DIAZINON	0.01	ppm	3	ND	CAPTAN *	0.025	PPM	3	ND
DICHLORVOS	0.01	ppm	0.1	ND	CHLORDANE *	0.01	PPM	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	CYFLUTHRIN *	0.01	PPM	1	ND
ETOFENPROX	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	1	ND
ETOXAZOLE	0.01	ppm	1.5	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					



### Pesticides

# PASSED

<b>Analysed by</b> 585 , 1665	<b>Weight</b> 0.2774g	<b>Extraction date</b> 05/04/21 05:05:03	<b>Extracted By</b> 585 , 1082
<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.T.40.070			
<b>Analytical Batch</b> - DA025751PES, DA025752VOL		<b>Reviewed On</b> - 05/04/21 15:17:28	
<b>Instrument Used</b> : DA-LCMS-003 (PES) , DA-GCMS-006			
<b>Running On</b> : 05/05/21 17:39:31, 05/04/21 18:44:28			
<b>Batch Date</b> : 05/04/21 09:41:02			
<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>	
010421.886	25	6524407-03	
041221.820			
041621.816			
09021.810			
092820.59			

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

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



Signature

05/10/21

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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 :** DA10504011-002  
**Harvest/LOT ID:** E03X01

**Batch# :** BMR0093/GRW0057  
**Sampled :** 05/03/21  
**Ordered :** 05/03/21


**Sample Size Received :** 90.9 gram  
**Total Weight/Volume :** N/A  
**Completed :** 05/10/21 **Expires:** 05/10/22  
**Sample Method :** SOP Client Method

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## Residual Solvents

PASSED



## Residual Solvents

PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
METHANOL	25	ppm	250	PASS	<125.000
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	Weight	Extraction date	Extracted By
850	0.0252g	05/06/21 12:05:54	850

**Analysis Method -SOP.T.40.032**  
**Analytical Batch -DA025798SOL**  
**Instrument Used : DA-GCMS-002**  
**Running On :**  
**Batch Date : 05/04/21 16:59:53**

Reagent	Dilution	Consums. ID
	1	00268767 R2017.217

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



05/10/21

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**PASSED**

**Green Roads**

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

**Sample :** DA10504011-002  
**Harvest/LOT ID:** E03X01

**Batch# :** BMR0093/GRW0057  
**Sampled :** 05/03/21  
**Ordered :** 05/03/21

**Sample Size Received :** 90.9 gram  
**Total Weight/Volume :** N/A  
**Completed :** 05/10/21 **Expires:** 05/10/22  
**Sample Method :** SOP Client Method

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**Microbials**
PASSED



**Mycotoxins**
PASSED

Analyte	LOD	Result	Action Level (cfu/g)
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	
ASPERGILLUS_FLAVUS		not present in 1 gram.	
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	
ASPERGILLUS_TERREUS		not present in 1 gram.	
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	100000

**Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041**  
**Analytical Batch -DA025769MIC , DA025770TYM Batch Date : 05/04/21, 05/04/21**  
**Instrument Used : PathogenDx Scanner DA-111, PathogenDx Scanner DA-111**  
**Running On : 05/05/21**

Analyzed by	Weight	Extraction date	Extracted By
1829, 56	1.0055g	05/05/21	513,

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.

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A	0.002	ppm	ND	0.02

**Analysis Method -SOP.T.30.065, SOP.T.40.065**  
**Analytical Batch -DA025753MYC | Reviewed On - 05/08/21 19:05:51**  
**Instrument Used :**  
**Running On : 05/05/21 17:39:53**  
**Batch Date : 05/04/21 09:43:46**

Analyzed by	Weight	Extraction date	Extracted By
585	NA	05/04/21 05:05:35	585

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 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.



**Heavy Metals**
PASSED

Reagent	Reagent	Dilution	Consums. ID
050421.R02	042121.R19	100	89401-566
042721.R06	050321.R03		
042321.R16	031121.23		
043021.R08	022521.06		
042821.R24	030420.08		
040521.R06	040121.01		

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	0.331	10

Analyzed by	Weight	Extraction date	Extracted By
1022	0.2358g	NA	NA

**Analysis Method -SOP.T.40.050, SOP.T.30.052**  
**Analytical Batch -DA025768HEA | Reviewed On - 05/05/21 11:24:45**  
**Instrument Used : DA-ICPMS-002**  
**Running On : 05/05/21 09:55:51**  
**Batch Date : 05/04/21 10:55:04**

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



05/10/21

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