



# Certificate of Analysis

Mar 12, 2021 | Green Roads

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



TESTED

Page 1 of 4

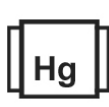
## PRODUCT IMAGE



## SAFETY RESULTS



Pesticides  
PASSED



Heavy Metals  
PASSED



Microbials  
PASSED



Mycotoxins  
PASSED



Residuals  
Solvents  
PASSED



Filtration  
PASSED



Water Activity  
TESTED



Moisture  
NOT TESTED



Terpenes  
NOT TESTED

## CANNABINOID RESULTS



Total THC  
**0.000%**

TOTAL THC/Container :0.000 mg



Total CBD  
**2.668%**

TOTAL CBD/Container :800.400 mg



Total Cannabinoids  
**2.749%**

Total Cannabinoids/Container :824.700 mg

CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
0.013%	ND	<0.010	0.046%	2.668%	ND	ND	ND	ND	0.022%	ND
0.130 mg/g	ND	<0.010	0.460 mg/g	26.680 mg/g	ND	ND	ND	ND	0.220 mg/g	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
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Analyzed By	Weight	Extraction date	Extracted By	NA Result
457	NA	NA	LOD	ND
Filtration and Foreign Material			0.1	
Analysis Method -SOP.T.40.013		Batch Date : 03/10/21 09:59:03		
Analytical Batch -DA023640FIL		Reviewed On - 03/10/21 10:05:10		
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.

Water Activity	TESTED
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Analyte	Analyzed by Weight	Ext. date	LOD	A.L	Result
WATER ACTIVITY	457	NA	NA	0.1 aw	0.85aw 0.942 aw
Analysis Method -Water Activity					
SOP.T.40.010		Batch Date : 03/10/21 09:48:59			
Analytical Batch -DA023637WAT		Reviewed On - 03/10/21 12:27:26			
Instrument Used : DA-028 Rotronic Hygropalm					

## Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	2.9333g	03/10/21 12:03:40	1823
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 03/12/21 11:04:15	Batch Date : 03/10/21 09:28:06
Analytical Batch -DA023621POT		Instrument Used : DA-LC-003	

Reagent	Dilution	Consums. ID
110520.94	400	280670723
022421.R22		11989-024CC-024
110119.15		76262-590
031021.R23		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

Signature

03/12/2021

Signed On



# Certificate of Analysis

**TESTED**
**Green Roads**

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

**Telephone:** (954) 609-5537

**Email:** ashley@greenroads.com

**Sample :** DA10310008-002

**Harvest/LOT ID:** C08X01

**Batch# :**  
 BMR0125/GRW0105

**Sampled :** 03/09/21

**Ordered :** 03/09/21

**Sample Size Received :** 30 gram

**Total Weight/Volume :** N/A

**Completed :** 03/12/21 **Expires:** 03/12/22

**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 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
DICHLORVOS	0.01	ppm	0.1	ND	CAPTAN *	0.025	PPM	3	ND
DIMETHOATE	0.01	ppm	0.1	ND	CHLORDANE *	0.01	PPM	0.1	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> 0.232g	<b>Extraction date</b> 03/10/21 11:03:11	<b>Extracted By</b> 585 , 585
<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> - DA023627PES , DA023618VOL			
<b>Instrument Used</b> : DA-LCMS-003 (PES) , DA-GCMS-006		<b>Reviewed On</b> - 03/10/21 10:05:10	
<b>Running On</b> : 03/10/21 15:37:05 , 03/10/21 15:38:01		<b>Batch Date</b> : 03/10/21 09:36:24	
<b>Reagent</b> 010421.886 123020.830 030221.814 030521.805 092820.58	<b>Dilution</b> 25	<b>Consums. ID</b> 6524407-03	
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.T40.065/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

03/12/2021

Signed On



# Certificate of Analysis

**TESTED**
**Green Roads**

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

**Telephone:** (954) 609-5537

**Email:** ashley@greenroads.com

**Sample :** DA10310008-002

**Harvest/LOT ID:** C08X01

**Batch# :**  
 BMR0125/GRW0105

**Sampled :** 03/09/21

**Ordered :** 03/09/21

**Sample Size Received :** 30 gram

**Total Weight/Volume :** N/A

**Completed :** 03/12/21 **Expires:** 03/12/22

**Sample Method :** SOP Client Method

Page 3 of 4

	<b>Residual Solvents</b>	<b>PASSED</b>
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	<b>Residual Solvents</b>	<b>PASSED</b>
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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	ND
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	<2.500
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

Analyzed by	Weight	Extraction date	Extracted By
850	0.0212g	03/10/21 04:03:04	850
<b>Analysis Method -SOP.T.40.032</b> <b>Analytical Batch -DA023656SOL</b> <b>Instrument Used : DA-GCMS-003</b> <b>Running On : 03/10/21 16:06:03</b> <b>Batch Date : 03/10/21 16:04:48</b>			
<b>Reviewed On - 03/11/21 14:24:35</b>			
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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**Email:** ashley@greenroads.com

**Sample :** DA10310008-002

**Harvest/LOT ID:** C08X01

**Batch# :**  
 BMR0125/GRW0105

**Sampled :** 03/09/21

**Ordered :** 03/09/21

**Sample Size Received :** 30 gram

**Total Weight/Volume :** N/A

**Completed :** 03/12/21 **Expires:** 03/12/22

**Sample Method :** SOP Client Method

Page 4 of 4

	<b>Microbials</b>	<b>PASSED</b>
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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	<100 CFU	100000

**Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041**
**Analytical Batch -DA023570MIC , DA023609TYM Batch Date : 03/09/21, 03/10/21**
**Instrument Used : PathogenDx Scanner DA-111,**
**Running On : 03/10/21, 03/10/21**

Analyzed by	Weight	Extraction date	Extracted By
1794, 513	2.0692g	03/11/21	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.

	<b>Mycotoxins</b>	<b>PASSED</b>
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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
TOTAL OCHRATOXIN A	0.002	PPM	ND	0.02

**Analysis Method -SOP.T.30.065, SOP.T.40.065**
**Analytical Batch -DA023630MYC | Reviewed On - 03/12/21 11:02:13**
**Instrument Used :**
**Running On : 03/10/21 15:36:52**
**Batch Date : 03/10/21 09:38:01**

Analyzed by	Weight	Extraction date	Extracted By
585	NA	03/10/21 02:03:40	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 <20ug/Kg.

	<b>Heavy Metals</b>	<b>PASSED</b>
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**Dilution**

100

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	<0.100	3
CADMIUM	0.02	PPM	ND	
MERCURY	0.02	PPM	<0.100	55
LEAD	0.05	PPM	0.703	10

Analyzed by	Weight	Extraction date	Extracted By
1022	0.243g	03/10/21 11:03:12	1879

**Analysis Method -SOP.T.40.050, SOP.T.30.052**
**Analytical Batch -DA023642HEA | Reviewed On - 03/11/21 17:34:02**
**Instrument Used : DA-ICPMS-002**
**Running On : 03/10/21 13:27:14**
**Batch Date : 03/10/21 10:03:00**

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.