



# Certificate of Analysis

Nov 15, 2021 | Green Roads

601 Fairway Dr  
DEERFIELD BEACH, FL, 33441, US



Sample: DA11110011-001

Harvest/Lot ID: L04X01

Batch#: BMR0050/GRW0028

Seed to Sale# N/A

Batch Date: 11/04/21

Sample Size Received: 34.8 gram

Total Weight/Volume: N/A

Retail Product Size: 34.8 gram

Ordered : 11/08/21

sampled : 11/08/21

Completed: 11/12/21

Sampling Method: SOP Client Method

**PASSED**

Page 1 of 5

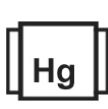
## PRODUCT IMAGE



## 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**

## CANNABINOID RESULTS



Total THC

**0.000%**

TOTAL THC/Container : 0 mg



Total CBD

**2.264%**

TOTAL CBD/Container : 787.872 mg



Total Cannabinoids

**2.414%**

Total Cannabinoids/Container : 840.072 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0.006	ND	ND	0.136	2.264	ND	ND	ND	ND	0.008	ND
mg/g	0.06	ND	ND	1.36	22.64	ND	ND	ND	ND	0.08	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Filtration	PASSED
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Analyzed By	Weight	Extraction date	Extracted By
457	NA	11/10/21	457
Analyte	LOD	Result	
Filtration and Foreign Material	0.1	ND	
Analysis Method -SOP.T.40.013	Batch Date : 11/10/21 13:20:19		
Analytical Batch -DA033910FIL	Reviewed On - 11/10/21 14:04:07		
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	3.0376g	11/10/21 02:11:14	3112
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 11/11/21 12:20:51	Batch Date : 11/10/21 13:18:16
Analytical Batch -DA033909POT	Instrument Used : DA-LC-003 (Edibles)	Running On : 11/10/21 19:39:53	

Reagent	Dilution	Consums. ID
110520.91	400	CE0123
110921.R38		287035261
110921.R37		11945-019CD-019C
062121.15		914C4-914AK
082521.68		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

11/12/21

Signed On



# Certificate of Analysis

**PASSED**
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 601 Fairway Dr  
 DEERFIELD BEACH, FL, 33441, US

**Telephone:** (844) 747-3367

**Email:** LAURA@GREENROADSWORLD.COM

**Sample :** DA11110011-001

**Harvest/LOT ID:** L04X01

**Batch# :**

BMR0050/GRW0028

**Sampled :** 11/08/21

**Ordered :** 11/08/21

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

**Completed :** 11/12/21 **Expires:** 11/12/22

**Sample Method :** SOP Client Method

Page 2 of 5



## Terpenes

**TESTED**

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
TOTAL TERPINEOL	0.007	ND	ND		BORNEOL	0.013	ND	ND	
CAMPHENE	0.007	ND	ND		GERANIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	ND	ND		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	ND	ND		ALPHA-CEDRENE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		ALPHA-HUMULENE	0.007	ND	ND	
OCIMENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	ND	ND	
EUCALYPTOL	0.007	ND	ND		GUAJOL	0.007	ND	ND	
LINALOOL	0.007	ND	ND						
FENCHONE	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
ISOBORNEOL	0.007	ND	ND						
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	ND	ND						
VALENCENE	0.007	ND	ND						
CEDROL	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
FARNESENE	0.007	ND	ND						
CARYOPHYLLENE	0.007	ND	ND						
OXIDE									
ALPHA-BISABOLOL	0.007	ND	ND						
ALPHA-PINENE	0.007	ND	ND						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	ND	ND						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	ND	ND						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	ND	ND						
CAMPHOR	0.013	ND	ND						
<b>Total (%)</b>		<b>ND</b>							



## Terpenes

**TESTED**

Analyzed by 574	Weight 0.9837g	Extraction date 11/10/21 01:11:38	Extracted By 2651
Analysis Method -SOP.T.40.090			
Analytical Batch -DA033870TER			
Instrument Used : DA-GCMS-004			
Running On : 11/10/21 17:41:03			
Batch Date : 11/10/21 09:51:13			
Reagent	Dilution	Consums. ID	
081021.19	10	280678841	CE0123
		914C4-914AK	929C6-929H
Terpenoid profile screening is performed using GC-MS/MS TO-8040 with Liquid Injection (Gas Chromatography - Mass Spectrometer Triple Quad) which can screen 37 terpenes using Method SOP.T.40.090 Terpenoid Analysis Via GC-MS/MS.			



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**Sample :** DA11110011-001

**Harvest/LOT ID:** L04X01

**Batch# :**

BMR0050/GRW0028

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**Completed :** 11/12/21 **Expires:** 11/12/22

**Sample Method :** SOP Client Method

Page 3 of 5



## Pesticides

**PASSED**

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACEPHATE	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ACEQUINOCL	0.01	ppm	2	ND	PYRETHRIN I	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PYRETHRIN II	0.01	ppm	1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRINS	0.05	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPINETORAM	0.02	PPM	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPINOSAD (SPINOSYN A)	0.01	ppm	3	ND
BOSCALID	0.01	PPM	3	ND	SPINOSAD (SPINOSYN D)	0.01	ppm	3	ND
CARBARYL	0.05	ppm	0.5	ND	SPIROMESIFEN	0.01	ppm	3	ND
CARBOFURAN	0.01	ppm	0.1	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	THIACLOPRID	0.01	ppm	0.1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	THIAMETHOXAM	0.05	ppm	1	ND
COUMAPHOS	0.01	ppm	0.1	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.005	PPM		ND
DAMINOZIDE	0.01	ppm	0.1	ND	TOTAL DIMETHOMORPH	0.02	PPM	3	ND
DIAZINON	0.01	ppm	3	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
DICHLORVOS	0.01	ppm	0.1	ND	TOTAL SPINETORAM	0.02	PPM	3	ND
DIMETHOATE	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
DIMETHOMORPH	0.02	ppm	3	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
ETOFENPROX	0.01	ppm	0.1	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
ETOXAZOLE	0.01	ppm	1.5	ND	CAPTAN *	0.025	PPM	3	ND
FENHEXAMID	0.01	ppm	3	ND	CHLORDANE *	0.01	PPM	0.1	ND
FENOXYCARB	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
FENPYROXIMATE	0.01	ppm	2	ND	CYFLUTHRIN *	0.01	PPM	1	ND
FIPRONIL	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	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					

Pesticides	PASSED		
<b>Analyzed by</b> <b>585 , 1665</b> 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 Analytical Batch - DA033866PES , DA033869VOL	<b>Weight</b> 0.9324g	<b>Extraction date</b> 11/10/21 02:11:08	<b>Extracted By</b> 585 , 585
<b>Instrument Used :</b> DA-LCMS-003 (PES) , DA-GCMS-001 <b>Running On :</b> 11/10/21 18:30:28 , 11/10/21 16:46:40	<b>Reagent</b> 110121.R28 091121.R19 110121.R03 111021.R01 092820.S9	<b>Dilution</b> 250	<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.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

11/12/21

Signed On





# Certificate of Analysis

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 DEERFIELD BEACH, FL, 33441, US

**Telephone:** (844) 747-3367

**Email:** LAURA@GREENROADSWORLD.COM

**Sample :** DA11110011-001

**Harvest/LOT ID:** L04X01

**Batch# :**

BMR0050/GRW0028

**Sampled :** 11/08/21

**Ordered :** 11/08/21

**Sample Size Received :** 34.8 gram

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

**Completed :** 11/12/21 **Expires:** 11/12/22

**Sample Method :** SOP Client Method

Page 4 of 5

	<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	Pass/Fail	Result
METHANOL	25	ppm	3000	PASS	ND
ETHANOL	500	ppm	5000	PASS	<2500
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
PROPANE	500	ppm	2100	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
XYLENES-M (1,3-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-M&P (1,3&1,4-DIMETHYLBENZENE)	27	ppm	2170	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-P (1,4-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND

<b>Analyzed by</b> 850	<b>Weight</b> 0.0289g	<b>Extraction date</b> 11/10/21 04:11:03	<b>Extracted By</b> 850
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**Analysis Method -SOP.T.40.032**
**Analytical Batch -DA033916SOL**
**Instrument Used : DA-GCMS-003**
**Running On : 11/11/21 16:10:59**
**Batch Date : 11/10/21 15:57:43**
**Reviewed On - 11/11/21 16:11:37**

Reagent	Dilution	Consums. ID
030420.09	1	R2017.271 G201.062

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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**Batch# :**

BMR0050/GRW0028

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

**Completed :** 11/12/21 **Expires:** 11/12/22

**Sample Method :** SOP Client Method

Page 5 of 5

	<b>Microbials</b>	<b>PASSED</b>
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Analyte	LOD	Result	Action Level
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.	
TOTAL YEAST AND MOLD	10	<10 CFU	100000

**Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041**
**Analytical Batch -DA033876MIC , DA033913TYM Batch Date : 11/10/21 10:19:43, 11/10/21 13:59:05**
**Instrument Used : PathogenDx Scanner DA-111,**
**Running On : 11/12/21 09:05:30**

Analyzed by	Weight	Extraction date	Extracted By
1829, 1829	1.2387g	11/10/21 01:11:32	513, 513

Reagent	Dilution
101521.R30	10
102921.R38	
082321.41	
110221.R65	
021121.08	

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
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 -DA033868MYC | Reviewed On - 11/12/21 17:39:33**
**Instrument Used : DA-LCMS-003 (MYC)**
**Running On : 11/10/21 18:30:52**
**Batch Date : 11/10/21 09:42:01**

Analyzed by	Weight	Extraction date	Extracted By
585	g	11/10/21 01:11:52	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 <20ug/Kg.

	<b>Heavy Metals</b>	<b>PASSED</b>
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Reagent	Reagent	Dilution	Consums. ID
102921.R27	111021.R32	100	179436
110921.R40	111021.R31		3146-870-008
110521.R30	102621.R01		12265-115CC
110921.R39	102921.R36		
111021.R30	021921.13		
110921.R41	110121.04		

Metal	LOD	Unit	Result	Action Level
ARSENIC	0.02	PPM	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
MERCURY	0.02	PPM	ND	3
LEAD	0.05	PPM	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
53	0.2516g	11/10/21 12:11:07	1879

**Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051**
**Analytical Batch -DA033894HEA | Reviewed On - 11/11/21 07:19:46**
**Instrument Used : DA-ICPMS-003**
**Running On : 11/11/21 07:00:12**
**Batch Date : 11/10/21 11:23:49**

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) using Method SOP.T.30.052, SOP.T.30.053 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050, SOP.T.40.051 Heavy Metals Analysis via ICP-MS.