



# Certificate of Analysis

Mar 15, 2022 | Green Roads

601 Fairway Dr  
DEERFIELD BEACH, FL, 33441, US



Sample: DA20311010-001

Harvest/Lot ID: B25Y01

Batch#: BMR0132/GRW0120

Seed to Sale# N/A

Batch Date: 02/25/22

Sample Size Received: 90.9 gram

Total Weight/Volume: N/A

Retail Product Size: 90.9 gram

ordered : 03/10/22

sampled : 03/10/22

Completed: 03/15/22

Sampling Method: SOP Client Method

**PASSED**

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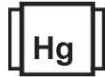
PRODUCT IMAGE



SAFETY RESULTS



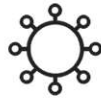
Pesticides PASSED



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%

Total THC/Container : 0 mg



Total CBD

1.606%

Total CBD/Container : 1459.854 mg



Total Cannabinoids

1.713%

Total Cannabinoids/Container : 1557.117 mg



	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	ND	ND	0.107	1.606	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	1.07	16.06	ND	ND	ND	ND	ND	ND
LOD	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
%	%	%	%	%	%	%	%	%	%	%	%

**Filtration PASSED**

Analyzed By	Weight	Extraction date	Extracted By
1440	NA	NA	NA
Analyte	LOD	Pass/Fail	Result
Filtration and Foreign Material	0.1	Pass	ND
Analysis Method -SOP.T.40.013		Batch Date : 03/11/22 10:40:18	
Analytical Batch -DA040064FIL		Reviewed On - 03/11/22 12:52:57	
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 :
1440	3.0083g	03/14/22 01:03:46	3335
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 03/15/22 09:41:14	
Analytical Batch -DA040145POT		Instrument Used : DA-LC-003 (Derivatives) Running On : 03/14/22 16:22:53	
		Batch Date : 03/12/22 15:12:32	

Dilution : 40

Reagent : 030922.R29; 030722.L18; 030922.R25; 060221.L33

Consumables : 239146; 280670723; CE0123; 61633-125C6-125E; 11945-019C-019C

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

03/15/22

Signed On



# Certificate of Analysis

**PASSED**

Green Roads

601 Fairway Dr  
DEERFIELD BEACH, FL, 33441, US  
Telephone: (844) 747-3367  
Email: LAURA@GREENROADSWORLD.COM

Sample : DA20311010-001  
Harvest/Lot ID: B25Y01

Batch# : BMR0132/GRW0120  
Sampled : 03/10/22  
Odered : 03/10/22

Sample Size Received : 90.9 gram  
Total Weight/Volume : N/A  
Completed : 03/15/22 Expires: 03/15/23  
Sample Method : SOP Client Method

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## Pesticides

**PASSED**

Pesticides	LOD	Units	Action Level	Pass/Fail	Result	Pesticides	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PYRETHRINS	0.05	ppm	1	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	PYRIDABEN	0.02	ppm	3	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
BOSCALID	0.01	PPM	3	PASS	ND	THIAMETHOXAM	0.05	ppm	1	PASS	ND
CARBARYL	0.05	ppm	0.5	PASS	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	PPM	30	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	TOTAL DIMETHOMORPH	0.02	PPM	3	PASS	ND
CHLORANTRILIPROLE	0.1	ppm	3	PASS	ND	TOTAL PERMETHRIN	0.01	ppm	1	PASS	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	PASS	ND	TOTAL SPINETORAM	0.02	PPM	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
CLOFENTEZINE	0.02	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
DAZINON	0.01	ppm	3	PASS	ND	CAPTAN *	0.025	PPM	3	PASS	ND
DICHLORVOS	0.01	ppm	0.1	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
DIMETHOATE	0.01	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	CYFLUTHRIN *	0.01	PPM	1	PASS	ND
ETOFENPROX	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.01	PPM	1	PASS	ND
ETOXAZOLE	0.01	ppm	1.5	PASS	ND						
FENHEXAMID	0.01	ppm	3	PASS	ND						
FENOXYCARB	0.01	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.01	ppm	2	PASS	ND						
FIPRONIL	0.01	ppm	0.1	PASS	ND						
FLONICAMID	0.01	ppm	2	PASS	ND						
FLUDIOXONIL	0.01	ppm	3	PASS	ND						
HEXYTHIAZOX	0.01	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.04	ppm	1	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.02	ppm	2	PASS	ND						
METALAXYL	0.01	ppm	3	PASS	ND						
METHIOCARB	0.01	ppm	0.1	PASS	ND						
METHOMYL	0.01	ppm	0.1	PASS	ND						
MEVINPHOS	0.01	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.01	ppm	3	PASS	ND						
NALED	0.025	ppm	0.5	PASS	ND						
OXAMYL	0.05	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND						
PHOSMET	0.01	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	0.3	ppm	3	PASS	ND						
PRALLETHRIN	0.01	ppm	0.4	PASS	ND						
PROPICONAZOLE	0.01	ppm	1	PASS	ND						



## Pesticides

**PASSED**

**Analyzed by** 1440 , 1440      **Weight** 0.2716g      **Extraction date** 03/11/22 02:03:59      **Extracted By** 3155 , 450  
**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** - DA040047PES , DA040049VOL      **Reviewed On** - 03/14/22 15:46:58  
**Instrument Used** : DA-LCMS-003 (PES) , DA-GCMS-001      **Running On** :      **Batch Date** : 03/11/22 10:03:23

Dilution 2:10  
 Reagent 1 03/17/2020 02/27/2020 03/12/2020 03/12/2020 03/12/2020  
 Consumables 1 03/10/2022  
 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

03/15/22

Signed On



# Certificate of Analysis

**PASSED**

Green Roads

601 Fairway Dr  
DEERFIELD BEACH, FL, 33441, US  
Telephone: (844) 747-3367  
Email: LAURA@GREENROADSWORLD.COM

Sample : DA20311010-001  
Harvest/Lot ID: B25Y01

Batch# : BMR0132/GRW0120  
Sampled : 03/10/22  
Odered : 03/10/22

Sample Size Received : 90.9 gram  
Total Weight/Volume : N/A  
Completed : 03/15/22 Expires: 03/15/23  
Sample Method : SOP Client Method

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## Residual Solvents

**PASSED**

Solvent	LOD	Units	Action Level	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		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	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND



## Residual Solvents

**PASSED**

Analyzed by	Weight	Extraction date	Extracted By
1440	0.0212g	NA	NA

Analysis Method -SOP.T.40.032  
Analytical Batch -DA040085SOL  
Instrument Used : DA-GCMS-002  
Running On : 03/14/22 06:41:57  
Batch Date : 03/11/22 12:36:08

Reviewed On - 03/14/22 11:07:36

Dilution : 1

Reagent : 030420.09

Consumables : 27296; KE136

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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DEERFIELD BEACH, FL, 33441, US  
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Email: LAURA@GREENROADSWORLD.COM

Sample : DA20311010-001  
Harvest/Lot ID: B25Y01

Batch# : BMR0132/GRW0120  
Sampled : 03/10/22  
Odered : 03/10/22

Sample Size Received : 90.9 gram  
Total Weight/Volume : N/A  
Completed : 03/15/22 Expires: 03/15/23  
Sample Method : SOP Client Method

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	<b>Microbials</b>	<b>PASSED</b>		<b>Mycotoxins</b>	<b>PASSED</b>
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Analyte	LOD	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP		Not Present	PASS	
SALMONELLA SPECIFIC GENE		Not Present	PASS	
ASPERGILLUS FLAVUS		Not Present	PASS	
ASPERGILLUS FUMIGATUS		Not Present	PASS	
ASPERGILLUS TERREUS		Not Present	PASS	
ASPERGILLUS NIGER		Not Present	PASS	
PSEUDOMONAS AERUGINOSA		Not Present	PASS	
STAPHYLOCOCCUS AUREUS		Not Present	PASS	
TOTAL YEAST AND MOLD	10	<10	PASS	100000

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041  
Analytical Batch -DA040057MIC , DA040137TYM Batch Date : 03/11/22 10:25:48, 03/12/22 14:32:31

Instrument Used : PathogenDx Scanner DA-111,  
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1440, 1440	NA	NA	NA,

Dilution : 1

Reagent : 121421.32; 030122.R39; 021121.04

**Consumables :**

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	Pass / Fail	Action Level
AFLATOXIN B2	0,002	ppm	ND	PASS	0,02
AFLATOXIN B1	0,002	ppm	ND	PASS	0,02
OCHRATOXIN A	0,002	ppm	ND	PASS	0,02
AFLATOXIN G1	0,002	ppm	ND	PASS	0,02
AFLATOXIN G2	0,002	ppm	ND	PASS	0,02

Analysis Method -SOP.T.30.065, SOP.T.40.065  
Analytical Batch -DA040048MYC | Reviewed On - 03/14/22 15:48:13  
Instrument Used : DA-LCMS-003 (MYC)  
Running On : | Batch Date : 03/11/22 10:04:01

Analyzed by	Weight	Extraction date	Extracted By
1440	g	NA	NA

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.

	<b>Heavy Metals</b>	<b>PASSED</b>
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Metal	LOD	Unit	Result	Pass / Fail	Action Level
ARSENIC	0.02	PPM	<0.1	PASS	3
CADMIUM	0.02	PPM	ND	PASS	
MERCURY	0.02	PPM	ND	PASS	55
LEAD	0,05	PPM	0,308	PASS	10

Analyzed by	Weight	Extraction date	Extracted By
1440	0,2789g	03/11/22 01:03:14	1022

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051

Analytical Batch -DA040081HEA | Reviewed On - 03/14/22 10:30:12

Instrument Used : DA-ICPMS-003

Running On : 03/11/22 17:03:24 | Batch Date : 03/11/22 12:16:25

Dilution : 100

Reagent : 030422.R31; 022522.R35; 031022.R12; 030722.R03; 030722.R02; 022222.R01; 030722.R01; 022522.R34; 030822.R25

Consumables : 179436; 3146-870-008; 12123-047CC

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.