



# Certificate of Analysis

Sep 21, 2021 | Green Roads

5150 SW 48TH WAY  
DAVIE, FL, 33314, US



Sample: DA10915012-001

Harvest/Lot ID: J01X01

Seed to Sale# N/A

Batch Date: 09/01/21

Batch#: BMR0086/GRW0059

Sample Size Received: 30 gram

Total Weight/Volume: N/A

Retail Product Size: 30 gram

Ordered : 09/14/21

sampled : 09/14/21

Completed: 09/21/21

Sampling Method: SOP Client Method

**PASSED**

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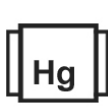
## PRODUCT IMAGE



## 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**

## CANNABINOID RESULTS



Total THC

**0.000%**

TOTAL THC/Container : 0 mg



Total CBD

**1.302%**

TOTAL CBD/Container : 390.6 mg



Total Cannabinoids

**1.302%**

Total Cannabinoids/Container : 390.6 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	ND	ND	ND	1.302	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	ND	13.02	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
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Analyzed By	Weight	Extraction date	Extracted By
457	NA	09/15/21	457
Analyte			LOD
Filtration and Foreign Material			0.1
Analysis Method -SOP.T.40.013		Batch Date : 09/15/21 11:11:09	
Analytical Batch -DA031293FIL		Reviewed On - 09/15/21 12:30:42	
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	3.1532g	09/15/21 01:09:46	2198
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 09/16/21 14:18:45	Batch Date : 09/15/21 10:20:24
Analytical Batch -DA031285POT	Instrument Used : DA-LC-003 (Derivatives)	Running On : 09/16/21 13:40:39	

Reagent	Dilution	Consumers. ID
102320.67	400	CE0123
091521.R63		287035261
091521.R62		11945-019CD-019C
062121.15		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

09/21/21

Signed On



# Certificate of Analysis

**PASSED**

5150 SW 48TH WAY  
DAVIE, FL, 33314, US  
**Telephone:** (844) 747-3367  
**Email:** LAURA@GREENROADSWORLD.COM

**Sample : DA10915012-001**
**Harvest/LOT ID: J01X01**

**Batch# :**  
BMR0086/GRW0059  
**Sampled :** 09/14/21  
**Ordered :** 09/14/21

**Sample Size Received :** 30 gram  
**Total Weight/Volume :** N/A  
**Completed :** 09/21/21 **Expires:** 09/21/22  
**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	1	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**

**Analyzed by** 585 , 1665 **Weight** 0.2179g **Extraction date** 09/15/21 01:09:25 **Extracted By** 585 , 585

**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** - DA031273PES , DA031291VOL

**Reviewed On** - 09/15/21 12:30:42

**Instrument Used** : DA-LCMS-003 (PES) , DA-GCMS-001  
**Running On** : 09/15/21 15:02:44 , 09/15/21 16:25:33

**Batch Date** : 09/15/21 10:00:33

Reagent	Dilution	Consums. ID
091321.R17 091321.R19 081121.R50 091321.R01 092820.S9	25	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

09/21/21

Signed On



# Certificate of Analysis

**PASSED**

 5150 SW 48TH WAY  
 DAVIE, FL, 33314, US  
**Telephone:** (844) 747-3367  
**Email:** LAURA@GREENROADSWORLD.COM

**Sample :** DA10915012-001

**Harvest/LOT ID:** J01X01

**Batch# :** BMR0086/GRW0059  
**Sampled :** 09/14/21  
**Ordered :** 09/14/21

**Sample Size Received :** 30 gram  
**Total Weight/Volume :** N/A  
**Completed :** 09/21/21 **Expires:** 09/21/22  
**Sample Method :** SOP Client Method

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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	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
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

	<b>Residual Solvents</b>	<b>PASSED</b>
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Analyzed by	Weight	Extraction date	Extracted By
850	0.0257g	09/16/21 03:09:06	357
<b>Analysis Method -SOP.T.40.032</b> <b>Analytical Batch -DA031391SOL</b> <b>Instrument Used : DA-GCMS-003</b> <b>Running On :</b> <b>Batch Date : 09/16/21 14:14:18</b>			
<b>Reviewed On - 09/17/21 14:25:38</b>			
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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**Sample : DA10915012-001**
**Harvest/LOT ID: J01X01**
**Batch# :**  
 BMR0086/GRW0059  
**Sampled :** 09/14/21  
**Ordered :** 09/14/21

**Sample Size Received :** 30 gram  
**Total Weight/Volume :** N/A  
**Completed :** 09/21/21 **Expires:** 09/21/22  
**Sample Method :** SOP Client Method

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	<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.	
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 -DA031308MIC , DA031309TYM Batch Date : 09/15/21 11:45:39,  
 09/15/21 11:47:11  
 Instrument Used : PathogenDx Scanner DA-111,  
 Running On : 09/17/21 09:05:20

Analyzed by **513, 1829** Weight **0.9985g** Extraction date **09/15/21 07:09:29** Extracted By **1829,**

## Reagent

 082421.R35  
 082321.32  
 021921.40  
 090821.R61  
 082521.R50

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 -DA031274MYC | Reviewed On - 09/17/21 12:24:43  
 Instrument Used : DA-LCMS-003 (MYC)  
 Running On : 09/15/21 15:03:07  
 Batch Date : 09/15/21 10:01:44

Analyzed by **585** Weight **g** Extraction date **09/15/21 02:09:02** Extracted By **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	Reagent	Dilution	Consums. ID
050121.01	091421.R48	021921.13	100	179436
090121.R52	091321.R01			3146-870-008
091321.R34	091321.R02			12265-115CC
091321.R20	121020.12			
090821.R59	090121.R53			
091321.R03	083121.R70			

Metal	LOD	Unit	Result	Action Level
ARSENIC	0.02	PPM	<0.1	3
CADMIUM	0.02	PPM	ND	
MERCURY	0.02	PPM	ND	55
LEAD	0.05	PPM	0.793	10

Analyzed by **53** Weight **0.2675g** Extraction date **09/15/21 01:09:07** Extracted By **1879**

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051  
 Analytical Batch -DA031264HEA | Reviewed On - 09/16/21 09:03:01  
 Instrument Used : DA-ICPMS-003  
 Running On : 09/16/21 07:25:42  
 Batch Date : 09/15/21 09:05:25

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.

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 Lab Director

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 Signature

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