



# Certificate of Analysis

**Sample: DA10604009-002**  
**Harvest/Lot ID: A02W02**  
**Seed to Sale #N/A**  
**Batch Date :06/03/21**  
**Batch#: A02W02**  
**Sample Size Received: 30 ml**  
**Total Weight/Volume: N/A**  
**Retail Product Size: 30 ml**  
**Ordered : 06/03/21**  
**sampled : 06/03/21**  
**Completed: 06/08/21**  
**Sampling Method: SOP Client Method**

Jun 08, 2021 | Green Roads

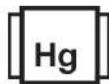
 5150 SW 48TH WAY  
 DAVIE, FL, 33314, US

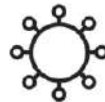
**PASSED**

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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**  
**3.724%**

TOTAL CBD/Container :1407.672 mg


**Total Cannabinoids**  
**3.759%**

Total Cannabinoids/Container :1420.902 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0.0140	ND	ND	0.0210	3.7240	<0.010	ND	ND	ND	ND	ND
mg/g	0.1400	ND	ND	0.2100	37.2400	<0.010	ND	ND	ND	ND	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	Result
457	NA	NA	NA	NA
<b>Analyte</b>				
Filtration and Foreign Material				
<b>Analysis Method</b> -SOP.T.40.013			<b>Batch Date</b> : 06/07/21 11:07:15	
<b>Analytical Batch</b> -DA026955FIL			<b>Reviewed On</b> - 06/07/21 13:49:53	
<b>Instrument Used</b> : 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	2.8613g	06/07/21 02:06:24	574
<b>Analysis Method</b> -SOP.T.40.020, SOP.T.30.050		<b>Reviewed On</b> - 06/08/21 10:52:34	
<b>Analytical Batch</b> -DA026921POT		<b>Instrument Used</b> : DA-LC-003	
		<b>Batch Date</b> : 06/07/21 09:12:49	

Reagent	Dilution	Consums. ID
110220.207	400	CE0123
060721.R56		287035261
012721.17		11945-019CD-019C
060721.R55		914C4-914AK
042221.23		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

06/08/21

Signed On



# Certificate of Analysis

**PASSED**

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

Sample : DA10604009-002  
Harvest/LOT ID: A02W02

Batch# : A02W02  
Sampled : 06/03/21  
Ordered : 06/03/21

Sample Size Received : 30 ml  
Total Weight/Volume : N/A  
Completed : 06/08/21 Expires: 06/08/22  
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	PRALLETHRIN	0.01	ppm	0.4	ND
ACEPHATE	0.01	ppm	3	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PROPOXUR	0.01	ppm	0.1	ND
ACETAMIPRID	0.01	ppm	3	ND	PYRETHRIN I	0.01	ppm	1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRIN II	0.01	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRETHRINS	0.05	ppm	1	ND
BIFENAZATE	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPINETORAM	0.02	PPM	3	ND
BOSCALID	0.01	PPM	3	ND	SPINOSAD (SPINOSYN A)	0.01	ppm	3	ND
CARBARYL	0.05	ppm	0.5	ND	SPINOSAD (SPINOSYN D)	0.01	ppm	3	ND
CARBOFURAN	0.01	ppm	0.1	ND	SPIROMESIFEN	0.01	ppm	3	ND
CHLORANTRILIPROLE	0.1	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	THIACLOPRID	0.01	ppm	0.1	ND
COUMAPHOS	0.01	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	1	ND
DAMINOZIDE	0.01	ppm	0.1	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.05	PPM	20	ND
DIAZINON	0.01	ppm	3	ND	TOTAL DIMETHOMORPH	0.02	PPM	3	ND
DIAZANON	0.01	ppm	0.2	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					



## Pesticides

# PASSED

<b>Analyzed by</b> 585 , 1665	<b>Weight</b> 0.9816g	<b>Extraction date</b> 06/04/21 01:06:47	<b>Extracted By</b> 1665 , 1665
<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> - DA026873PES , DA026867VOL		<b>Reviewed On</b> - 06/07/21 13:49:53	
<b>Instrument Used</b> : DA-LCMS-003 (PES) , DA-GCMS-001			
<b>Running On</b> : 06/05/21 00:07:52 , 06/04/21 15:46:32		<b>Batch Date</b> : 06/04/21 09:36:13	
<b>Reagent</b> 060121.812 060121.813 051721.834 060211.801 092820.59	<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.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



Signature

06/08/21

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

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# Certificate of Analysis

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

Sample : DA10604009-002  
Harvest/LOT ID: A02W02

Batch# : A02W02  
Sampled : 06/03/21  
Ordered : 06/03/21

Sample Size Received : 30 ml  
Total Weight/Volume : N/A  
Completed : 06/08/21 Expires: 06/08/22  
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	3000	PASS	ND
ETHANOL	500	ppm	5000	PASS	3921.423
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

**Analyzed by** 850      **Weight** 0.023g      **Extraction date** 06/04/21 03:06:29      **Extracted By** 850  
**Analysis Method** -SOP.T.40.032  
**Analytical Batch** -DA026890SOL      **Reviewed On** - 06/07/21 14:53:15  
**Instrument Used** : DA-GCMS-002  
**Running On** :  
**Batch Date** : 06/04/21 10:50:47

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



Signature

06/08/21

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DAVIE, FL, 33314, US  
Telephone: (844) 747-3367  
Email: LAURA@GREENROADSWORLD.COM

Sample : DA10604009-002  
Harvest/LOT ID: A02W02

Batch# : A02W02  
Sampled : 06/03/21  
Ordered : 06/03/21

Sample Size Received : 30 ml  
Total Weight/Volume : N/A  
Completed : 06/08/21 Expires: 06/08/22  
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.	

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041  
Analytical Batch -DA026892MIC Batch Date : 06/04/21  
Instrument Used : PathogenDx Scanner DA-111  
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1829	1.0093g	06/04/21	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 -DA026885MYC | Reviewed On - 06/07/21 10:57:37  
Instrument Used :  
Running On : 06/05/21 00:08:09  
Batch Date : 06/04/21 10:00:41

Analyzed by	Weight	Extraction date	Extracted By
585	NA	06/05/21 12:06:38	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.



## Heavy Metals

PASSED

Reagent	Reagent	Dilution	Consums. ID
060221.R29	052821.R20	100	89401-566
051121.R20	050121.01		
060221.R33			
060221.R34			
052821.R21			
060221.R28			

Metal	LOD	Unit	Result	Action Level (PPM)
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
1022	0.2476g	06/04/21 12:06:35	1879

Analysis Method -SOP.T.40.050, SOP.T.30.052  
Analytical Batch -DA026888HEA | Reviewed On - 06/07/21 08:49:17  
Instrument Used : DA-ICPMS-003  
Running On : 06/04/21 14:14:56  
Batch Date : 06/04/21 10:17:38

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



06/08/21

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