



Certificate of Analysis

Apr 17, 2021 | Green Roads

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



Sample: DA10413008-002

Harvest/Lot ID: D05X01

Seed to Sale #N/A

Batch Date : 04/05/21

Batch#: BMR0114/GRW0100

Sample Size Received: 90.9 gram

Total Weight/Volume: N/A

Retail Product Size: 90.9 gram

Ordered : 04/12/21

sampled : 04/12/21

Completed: 04/17/21

Sampling Method: SOP Client Method

PASSED

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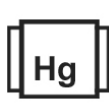
PRODUCT IMAGE



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 : 0.000 mg



Total CBD
0.808%

TOTAL CBD/Container : 734.472 mg



Total Cannabinoids
0.860%

Total Cannabinoids/Container : 781.740 mg

	CBDV	CBD	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	ND	<0.010	0.052	0.808	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	<0.010	0.520	8.080	ND	ND	ND	ND	ND	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	

Analyzed By	Weight	Extraction date	Extracted By
457	NA	NA	NA
Analyte			LOD
Filtration and Foreign Material			0.1
Analysis Method -SOP.T.40.013		Batch Date : 04/13/21 12:39:19	
Analytical Batch -DA024979FIL		Reviewed On - 04/13/21 14:28:08	
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	2.9634g	04/13/21 01:04:21	1823
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 04/14/21 13:18:35	Batch Date : 04/13/21 10:20:54
Analytical Batch -DA024964POT		Instrument Used : DA-LC-003	

Reagent	Dilution	Consumers. ID
	400	

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

04/17/2021

Signed On



Certificate of Analysis

PASSED
Green Roads

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

Telephone: (954) 609-5537

Email: ashley@greenroads.com

Sample : DA10413008-002

Harvest/LOT ID: D05X01

Batch# :
BMR0114/GRW0100

Sampled : 04/12/21

Ordered : 04/12/21

Sample Size Received : 90.9 gram

Total Weight/Volume : N/A

Completed : 04/17/21 **Expires:** 04/17/22

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	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)	0.05	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
Analyzed by
585 , 1665
Weight

0.2096g

Extraction date

04/13/21 02:04:07

Extracted By

1665 , 1665

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 - DA024952PES , DA024950VOL

Reviewed On - 04/13/21

14:28:08

Instrument Used : DA-LCMS-003 (PES) , DA-GCMS-006

Running On : 04/13/21 16:54:29 , 04/13/21 17:05:19

Batch Date : 04/13/21 09:55:01

Reagent

010421.886

123020.830

031721.888

020520.519

Dilution

25

Consums. ID

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

04/17/2021

Signed On



Certificate of Analysis

PASSED
Green Roads

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

Telephone: (954) 609-5537

Email: ashley@greenroads.com

Sample : DA10413008-002

Harvest/LOT ID: D05X01

Batch# :

BMR0114/GRW0100

Sampled : 04/12/21

Ordered : 04/12/21

Sample Size Received : 90.9 gram

Total Weight/Volume : N/A

Completed : 04/17/21 **Expires:** 04/17/22

Sample Method : SOP Client Method

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	Residual Solvents	PASSED
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	Residual Solvents	PASSED
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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	0.0252g	04/15/21 04:04:54	850
Analysis Method -SOP.T.40.032 Analytical Batch -DA025079SOL Instrument Used : DA-GCMS-002 Running On : Batch Date : 04/15/21 15:53:05			
Reviewed On - 04/16/21 15:52:37			
Reagent	Dilution	Consums. ID	
	1	G201.162	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 : DA10413008-002

Harvest/LOT ID: D05X01

Batch# : BMR0114/GRW0100

Sampled : 04/12/21

Ordered : 04/12/21

Sample Size Received : 90.9 gram

Total Weight/Volume : N/A

Completed : 04/17/21 **Expires:** 04/17/22

Sample Method : SOP Client Method

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	Microbials	PASSED
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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	<10 CFU	100000

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -DA025075MIC , DA024946TYM Batch Date : 04/15/21, 04/13/21
Instrument Used : PathogenDx Scanner DA-111,
Running On : 04/15/21, 04/13/21

Analyzed by	Weight	Extraction date	Extracted By
1794, 1794	1.2501g	NA	NA,

Reagent	Consums. ID	Consums. ID	Consums. ID	Consums. ID
032421.09	200103-274	D012	2811021	929C6-929H
021921.34	3110	D011	918C4-918J	001001
	TH093G	A15	20324	
	11989-024CC-024	A12	012020	
	2804029	2810026A	200507119C	
	2803033	040	914C4-914AK	

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.

	Mycotoxins	PASSED
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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 -DA024953MYC | Reviewed On - 04/14/21 14:00:10
Instrument Used :
Running On : 04/13/21 16:54:15
Batch Date : 04/13/21 10:01:08

Analyzed by	Weight	Extraction date	Extracted By
585	NA	04/13/21 04:04:22	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
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Reagent	Reagent	Dilution	Consums. ID
041221.R18	040721.R14	100	89401-566
041221.R16	041221.R03		
040621.R15	031121.23		
040621.R02	022521.06		
040521.R07	030420.08		
040521.R06	040121.01		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	<0.100	3
CADMIUM	0.02	PPM	ND	
MERCURY	0.02	PPM	ND	55
LEAD	0.05	PPM	0.566	10

Analyzed by	Weight	Extraction date	Extracted By
53	0.2544g	04/13/21 02:04:30	1022

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA024971HEA | Reviewed On - 04/14/21 07:36:53
Instrument Used : DA-ICPMS-002
Running On :
Batch Date : 04/13/21 11:00:40

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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Lab Director

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