



Certificate of Analysis

Sample: DA10216001-001
Harvest/Lot ID: B09X01
Seed to Sale #N/A
Batch Date : 02/09/21
Batch#: BMR0114/GRW0100
Sample Size Received: 90.9 gram
Retail Product Size: 90.9
Ordered : 02/15/21
sampled : 02/15/21
Completed: 02/22/21 Expires: 02/22/22
Sampling Method: SOP Client Method

Feb 22, 2021 | Green Roads

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



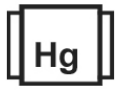
PASSED

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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
0.888%

TOTAL CBD/Container : 807.192 mg



Total Cannabinoids
0.930%

Total Cannabinoids/Container : 845.370 mg

CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
ND	ND	ND	0.032%	0.888%	ND	ND	ND	ND	0.010%	ND
ND	ND	ND	0.320 mg/g	8.880 mg/g	ND	ND	ND	ND	0.100 mg/g	ND
LOD 0.001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.0001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.0001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.001 %



Filtration

PASSED

Analyzed By	Weight	Extraction date	Extracted By
457	NA	NA	NA
Analyte	LOD	Result	
Filtration and Foreign Material	0.1	ND	
Analysis Method -SOP.T.40.013	Batch Date : 02/16/21 09:46:26		
Analytical Batch -DA022533FIL	Reviewed On - 02/16/21 10:31:59		
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	3.0686g	NA	NA
Analysis Method -SOP.T.40.020, SOP.T.30.050	Reviewed On - 02/17/21 10:12:32	Batch Date : 02/16/21 09:27:15	
Analytical Batch -DA022525POT	Instrument Used : DA-LC-003		

Reagent	Dilution	Consums. ID
110220.189	400	287035261
020821.R25		76262-590
020821.R22		914C4-914AK
110220.45		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



Signature

02/22/2021

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ISO Accreditation # ISO/IEC
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Green Roads

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Deerfield Beach, Florida, 33441
Telephone: (954) 609-5537
Email: ashley@greenroads.com

Sample : DA10216001-001
Harvest/LOT ID: B09X01

Batch# : BMR0114/GRW0100
Sampled : 02/15/21
Ordered : 02/15/21

Sample Size Received : 90.9 gram
Completed : 02/22/21 **Expires:** 02/22/22
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)	0.01	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
CHLORANTRANILPROLE	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	CHLORDANE *	0.01	PPM	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND	CAPTAN *	0.025	PPM	3	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 0.2534g	Extraction date 02/16/21 01:02:34	Extracted By 585 , 1665
<small>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</small>			
<small>Analytical Batch - DA022486PES , DA022529VOL</small>			
<small>Instrument Used : DA-LCMS-001_DER (PES) , DA-GCMS-001</small>			<small>Reviewed On- 02/16/21 10:31:59</small>
<small>Running On : 02/16/21 16:05:47 , 02/16/21 15:53:18</small>			<small>Batch Date : 02/15/21 10:25:28</small>
Reagent <small>112020.12 021521.828</small>	Dilution 10	Consums. ID 287035261	

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.T40.065/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

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ISO Accreditation # ISO/IEC
17025:2017 Accreditation
PJLA-Testing 97164



Signature

02/22/2021

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Certificate of Analysis

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Green Roads

601 Fairway Drive, 601 Fairway Drive
Deerfield Beach, Florida, 33441
Telephone: (954) 609-5537
Email: ashley@greenroads.com

Sample : DA10216001-001
Harvest/LOT ID: B09X01

Batch# : BMR0114/GRW0100
Sampled : 02/15/21
Ordered : 02/15/21


Sample Size Received : 90.9 gram
Completed : 02/22/21 **Expires:** 02/22/22
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	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	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

Analyzed by 850 **Weight** 0.0221g **Extraction date** NA **Extracted By** NA

Analysis Method -SOP.T.40.032
Analytical Batch -DA022559SOL **Reviewed On** - 02/18/21 16:31:43
Instrument Used : DA-GCMS-002
Running On :
Batch Date : 02/16/21 13:51:13

Reagent	Dilution	Consums. ID
	1	G201.162 R2017.179

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



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Green Roads

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Deerfield Beach, Florida, 33441
Telephone: (954) 609-5537
Email: ashley@greenroads.com

Sample : DA10216001-001
Harvest/LOT ID: B09X01

Batch# : BMR0114/GRW0100
Sampled : 02/15/21
Ordered : 02/15/21

Sample Size Received : 90.9 gram
Completed : 02/22/21 **Expires:** 02/22/22
Sample Method : SOP Client Method

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Microbials
PASSED



Mycotoxins
PASSED

Analyte	LOD	Result	Analyte	LOD	Units	Result	Action Level (PPM)
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	AFLATOXIN G2	0.002	ppm	ND	0.02
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	AFLATOXIN G1	0.002	ppm	ND	0.02
ASPERGILLUS_FLAVUS		not present in 1 gram.	AFLATOXIN B2	0.002	ppm	ND	0.02
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	AFLATOXIN B1	0.002	ppm	ND	0.02
ASPERGILLUS_TERREUS		not present in 1 gram.	TOTAL OCHRATOXIN A	0.002	PPM	ND	0.02
ASPERGILLUS_NIGER		not present in 1 gram.					
PSEUDOMONAS_AERUGINOSA		not present in 1 gram.					
STAPHYLOCOCCUS_AUREUS		not present in 1 gram.					
TOTAL_AEROBIC_BACTERIA		not present in 1 gram.					
TOTAL YEAST AND MOLD	10	<10 CFU					

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -DA022513MIC , DA022514TYM Batch Date : 02/16/21, 02/16/21
Instrument Used : PathogenDx Scanner DA-111,
Running On : 02/16/21, 02/16/21

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA022487MYC | Reviewed On - 02/17/21 13:17:13
Instrument Used : DA-LCMS-001_DER (MYC)
Running On : 02/16/21 16:05:22
Batch Date : 02/15/21 10:28:38

Analyzed by	Weight	Extraction date	Extracted By
1829, 1829	1.2005g	02/17/21	513,

Analyzed by	Weight	Extraction date	Extracted By
585	NA	02/16/21 01:02:05	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 <20µg/Kg.

Reagent	Consums. ID	Consums. ID	Consums. ID	Consums. ID
011121.52	914C4-914AK	20324	009	2809006
	929C6-929H	012020	A09	2804030
	200103-274	200507119C	A10	2808009
	3110	2804029	039	2811020
	TH093G	2803033	2807013	
	11989-024CC-024	D010	2810019D	

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 detection testing. Testing for these microorganisms may also be analyzed through a culture-based method that employs the use of differentiating plates that are used for the isolation and enumeration of a specific organism or organism groups (Method SOP.T.40.041).



Heavy Metals
PASSED

Reagent	Reagent	Dilution	Consums. ID
021121.R13	020921.R12	100	89401-566
020421.R02	021521.R02		
020921.R11	121420.01		
020821.R07	090420.14		
020321.R31	030420.06		
020521.R14	020121.66		

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	0.339	10

Analyzed by	Weight	Extraction date	Extracted By
1022	0.2518g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA022484HEA | Reviewed On - 02/17/21 10:26:29
Instrument Used : DA-ICPMS-002
Running On : 02/15/21 17:14:55
Batch Date : 02/15/21 10:04:36

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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