



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: DA20826007-002  
Harvest/Lot ID: H08Y02  
Batch#: BMR0114/GRW0100  
Seed to Sale# N/A  
Batch Date: 08/08/22  
Sample Size Received: 90.9 gram  
Total Batch Size: N/A  
Retail Product Size: 90.9 gram  
Ordered : 08/24/22  
Sampled : 08/24/22  
Completed: 08/29/22  
Sampling Method: SOP.T.20.010.FL

**PASSED**

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Aug 29, 2022 | Green Roads

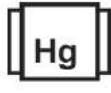
601 Fairway Dr  
DEERFIELD BEACH, FL, 33441, US



PRODUCT IMAGE SAFETY RESULTS MISC.



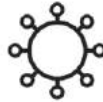
Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
NOT TESTED



Moisture  
NOT TESTED



Terpenes  
NOT TESTED

Roll On



**Cannabinoid**

**PASSED**



Total THC

**0%**

Total THC/Container : 0 mg



Total CBD

**0.808%**

Total CBD/Container : 734.472 mg



Total Cannabinoids

**0.858%**

Total Cannabinoids/Container : 779.922 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	ND	ND	0.808	ND	ND	0.05	ND	ND	ND	ND	ND
mg/g	ND	ND	8.08	ND	ND	0.5	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
	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
3404, 3421, 1665

Weight:  
3.0437g

Extraction date:  
08/26/22 12:15:33

Extracted by:  
3421

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : DA048972POT  
Instrument Used : DA-LC-003 (Derivatives)  
Running on : 08/26/22 13:14:01

Reviewed On : 08/28/22 15:38:36  
Batch Date : 08/26/22 10:19:38

Dilution : 400  
Reagent : 082222.R04; 070621.18; 082222.R02  
Consumables : 239146; 280670723; CE0123; 61633-125C6-125E; R1KB45277  
Pipette : DA-079; DA-108; DA-078

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.





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

Sample : DA20826007-002

Harvest/Lot ID: H08Y02

Batch# : BMR0114/GRW0100

Sampled : 08/24/22

Ordered : 08/24/22

Sample Size Received : 90.9 gram

Total Batch Size : N/A

Completed : 08/29/22 Expires: 08/29/23

Sample Method : SOP Client Method

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## Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
<b>TOTAL CONTAMINANT LOAD (PESTICIDES)</b>	0.01	PPM	30	PASS	ND	<b>OXAMYL</b>	0.01	ppm	0.5	PASS	ND
<b>TOTAL DIMETHOMORPH</b>	0.01	PPM	3	PASS	ND	<b>PACLOBUTRAZOL</b>	0.01	ppm	0.1	PASS	ND
<b>TOTAL PERMETHRIN</b>	0.01	ppm	1	PASS	ND	<b>PHOSMET</b>	0.01	ppm	0.2	PASS	ND
<b>TOTAL PYRETHRINS</b>	0.01	ppm	1	PASS	ND	<b>PIPERONYL BUTOXIDE</b>	0.01	ppm	3	PASS	ND
<b>TOTAL SPINETORAM</b>	0.01	PPM	3	PASS	ND	<b>PRALLETHRIN</b>	0.01	ppm	0.4	PASS	ND
<b>TOTAL SPINOSAD</b>	0.01	ppm	3	PASS	ND	<b>PROPICONAZOLE</b>	0.01	ppm	1	PASS	ND
<b>ABAMECTIN B1A</b>	0.01	ppm	0.3	PASS	ND	<b>PROPOXUR</b>	0.01	ppm	0.1	PASS	ND
<b>ACEPHATE</b>	0.01	ppm	3	PASS	ND	<b>PYRIDABEN</b>	0.01	ppm	3	PASS	ND
<b>ACEQUINOCYL</b>	0.01	ppm	2	PASS	ND	<b>SPIROMESIFEN</b>	0.01	ppm	3	PASS	ND
<b>ACETAMIPRID</b>	0.01	ppm	3	PASS	ND	<b>SPIROTETRAMAT</b>	0.01	ppm	3	PASS	ND
<b>ALDICARB</b>	0.01	ppm	0.1	PASS	ND	<b>SPIROXAMINE</b>	0.01	ppm	0.1	PASS	ND
<b>AZOXYSTROBIN</b>	0.01	ppm	3	PASS	ND	<b>TEBUCONAZOLE</b>	0.01	ppm	1	PASS	ND
<b>BIFENAZATE</b>	0.01	ppm	3	PASS	ND	<b>THIACLOPRID</b>	0.01	ppm	0.1	PASS	ND
<b>BIFENTHRIN</b>	0.01	ppm	0.5	PASS	ND	<b>THIAMETHOXAM</b>	0.01	ppm	1	PASS	ND
<b>BOSCALID</b>	0.01	PPM	3	PASS	ND	<b>TRIFLOXYSTROBIN</b>	0.01	ppm	3	PASS	ND
<b>CARBARYL</b>	0.01	ppm	0.5	PASS	ND	<b>PENTACHLORONITROBENZENE (PCNB) *</b>	0.01	PPM	0.2	PASS	ND
<b>CARBOFURAN</b>	0.01	ppm	0.1	PASS	ND	<b>PARATHION-METHYL *</b>	0.01	PPM	0.1	PASS	ND
<b>CHLORANTRANILIPROLE</b>	0.01	ppm	3	PASS	ND	<b>CAPTAN *</b>	0.07	PPM	3	PASS	ND
<b>CHLORMEQUAT CHLORIDE</b>	0.01	ppm	3	PASS	ND	<b>CHLORDANE *</b>	0.01	PPM	0.1	PASS	ND
<b>CHLORPYRIFOS</b>	0.01	ppm	0.1	PASS	ND	<b>CHLORFENAPYR *</b>	0.01	PPM	0.1	PASS	ND
<b>CLOFENTEZINE</b>	0.01	ppm	0.5	PASS	ND	<b>CYFLUTHRIN *</b>	0.05	PPM	1	PASS	ND
<b>CUMAPHOS</b>	0.01	ppm	0.1	PASS	ND	<b>CYPERMETHRIN *</b>	0.05	PPM	1	PASS	ND
<b>DAMINOZIDE</b>	0.01	ppm	0.1	PASS	ND						
<b>DIAZINON</b>	0.01	ppm	3	PASS	ND	<b>Analyzed by:</b>	<b>Weight:</b>	<b>Extraction date:</b>	<b>Extracted by:</b>		
<b>DICHLORVOS</b>	0.01	ppm	0.1	PASS	ND	3404, 3379, 585	0.2174g	08/29/22 08:53:13	3379		
<b>DIMETHOATE</b>	0.01	ppm	0.1	PASS	ND						
<b>ETHOPROPHOS</b>	0.01	ppm	0.1	PASS	ND	<b>Analysis Method :</b>					
<b>ETOFENPROX</b>	0.01	ppm	0.1	PASS	ND	SOP.T.30.101.FL, SOP.T.30.102.FL, SOP.T.30.151.FL, SOP.T.40.101.FL, SOP.T.40.102.FL, SOP.T.40.151.FL					
<b>ETOXAZOLE</b>	0.01	ppm	1.5	PASS	ND	<b>Analytical Batch :</b>					
<b>FENHEXAMID</b>	0.01	ppm	3	PASS	ND	DA048957PES					
<b>FENOXYCARB</b>	0.01	ppm	0.1	PASS	ND	<b>Instrument Used :</b>					
<b>FENPYROXIMATE</b>	0.01	ppm	2	PASS	ND	DA-LCMS-003 (PES)					
<b>FIPRONIL</b>	0.01	ppm	0.1	PASS	ND	<b>Running on :</b>					
<b>FLONICAMID</b>	0.01	ppm	2	PASS	ND	08/29/22 08:51:25					
<b>FLUDIOXONIL</b>	0.01	ppm	3	PASS	ND	<b>Dilution :</b>					
<b>HEXYTHIAZOX</b>	0.01	ppm	2	PASS	ND	250					
<b>IMAZALIL</b>	0.01	ppm	0.1	PASS	ND	<b>Reagent :</b>					
<b>IMIDACLOPRID</b>	0.01	ppm	1	PASS	ND	082222.R07; 081522.R04; 081022.R03; 082422.R01; 092820.59					
<b>KRESOXIM-METHYL</b>	0.01	ppm	1	PASS	ND	<b>Consumables :</b>					
<b>MALATHION</b>	0.01	ppm	2	PASS	ND	6676024-02					
<b>METALAXYL</b>	0.01	ppm	3	PASS	ND	<b>Pipette :</b>					
<b>METHIOCARB</b>	0.01	ppm	0.1	PASS	ND	DA-093; DA-094; DA-219					
<b>METHOMYL</b>	0.01	ppm	0.1	PASS	ND						
<b>MEVINPHOS</b>	0.01	ppm	0.1	PASS	ND	<b>Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.</b>					
<b>MYCLOBUTANIL</b>	0.01	ppm	3	PASS	ND	<b>Analyzed by:</b>	<b>Weight:</b>	<b>Extraction date:</b>	<b>Extracted by:</b>		
<b>NALED</b>	0.01	ppm	0.5	PASS	ND	3404, 795, 53	0.2173g	08/26/22 19:39:05	795		
						<b>Analysis Method :</b>					
						SOP.T.30.060, SOP.T.40.060					
						<b>Analytical Batch :</b>					
						DA048959VOL					
						<b>Instrument Used :</b>					
						DA-GCMS-001					
						<b>Running on :</b>					
						N/A					
						<b>Dilution :</b>					
						N/A					
						<b>Reagent :</b>					
						081522.R04; 092820.59; 082422.R46; 082422.R47					
						<b>Consumables :</b>					
						6676024-02; 14725401					
						<b>Pipette :</b>					
						DA-093; DA-094; DA-219					
						<b>Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.</b>					



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Green Roads

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

Sample : DA20826007-002

Harvest/Lot ID: H08Y02

Batch# : BMR0114/GRW0100

Sampled : 08/24/22

Ordered : 08/24/22

Sample Size Received : 90.9 gram

Total Batch Size : N/A

Completed : 08/29/22 Expires: 08/29/23

Sample Method : SOP Client Method

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## Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
METHANOL	25	ppm	250	PASS	<125
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		TESTED	ND
ACETONITRILE	6	ppm	60	PASS	<30
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
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	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: N/A	Weight: N/A	Extraction date: N/A	Extracted by: N/A
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 Analysis Method : SOP.T.40.041.FL  
 Analytical Batch : DA048981SOL  
 Instrument Used : DA-GCMS-002  
 Running on : 08/29/22 13:54:35

 Reviewed On : 08/29/22 16:48:46  
 Batch Date : 08/26/22 14:28:22

 Dilution : 1  
 Reagent : 030420.09  
 Consumables : 27296; KF140  
 Pipette : DA-309 25 uL Syringe 35028

Residual solvents analysis is performed utilizing Gas Chromatography Mass Spectrometry in accordance with with F.S. Rule 64ER20-39.





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Email: LAURA@GREENROADSWORLD.COM

Sample : DA20826007-002

Harvest/Lot ID: H08Y02

Batch# : BMR0114/GRW0100

Sampled : 08/24/22

Ordered : 08/24/22

Sample Size Received : 90.9 gram

Total Batch Size : N/A

Completed : 08/29/22 Expires: 08/29/23

Sample Method : SOP Client Method

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	<b>Microbial</b>	<b>PASSED</b>
	<b>Mycotoxins</b>	<b>PASSED</b>

Analyte	LOD	Units	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	CFU/g	<10	PASS	100000

Analyzed by: 3404, 3390, 3621, 53      Weight: 1.0061g      Extraction date: 08/26/22 13:42:15      Extracted by: 3390

Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.209.FL  
Analytical Batch : DA048973MIC      Reviewed On : 08/29/22 08:47:10  
Instrument Used : PathogenDx Scanner DA-111      Batch Date : 08/26/22 10:21:22  
Running on : N/A

Dilution : N/A  
Reagent : 071422.24; 071122.R04; 052422.04  
Consumables : N/A  
Pipette : N/A

Microbial testing is performed utilizing various technologies including: PCR, RTPCR, MPN, and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.

Analyzed by: 3404, 3390, 2682, 53      Weight: 1.0061g      Extraction date: 08/26/22 13:41:45      Extracted by: 3390

Analysis Method : SOP.T.40.208, SOP.T.40.209.FL  
Analytical Batch : DA048978TYM      Reviewed On : 08/29/22 08:47:58  
Instrument Used : Incubator (25-27C) DA-097      Batch Date : 08/26/22 13:38:26  
Running on : N/A

Dilution : 10  
Reagent : 071422.24; 071122.R04; 052422.04  
Consumables : N/A  
Pipette : N/A

Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.

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

Analyzed by: 3404, 3379, 53      Weight: g      Extraction date: 08/29/22 08:57:34      Extracted by: 3379

Analysis Method : SOP.T.30.101.FL, SOP.T.40.101.FL, SOP.T.30.102.FL, SOP.T.40.102.FL  
Analytical Batch : DA048958MYC      Reviewed On : 08/29/22 16:47:08  
Instrument Used : DA-LCMS-003 (MYC)      Batch Date : 08/26/22 09:46:21  
Running on : 08/29/22 08:51:40

Dilution : 250  
Reagent : 082222.R07; 081522.R04; 081022.R03; 082422.R01; 092820.59  
Consumables : 6676024-02  
Pipette : DA-093; DA-094; DA-219

Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

	<b>Heavy Metals</b>	<b>PASSED</b>
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Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.11	PPM	<0.55	PASS	5
ARSENIC	0.02	PPM	<0.1	PASS	3
CADMIUM	0.02	PPM	ND	TESTED	
MERCURY	0.02	PPM	ND	PASS	55
LEAD	0.05	PPM	0.318	PASS	10

Analyzed by: 3404, 1022, 3619, 53      Weight: 0.2812g      Extraction date: 08/26/22 11:50:00      Extracted by: 3619

Analysis Method : SOP.T.30.081.FL, SOP.T.30.082.FL, SOP.T.40.081.FL, SOP.T.40.082.FL  
Analytical Batch : DA048962HEA      Reviewed On : 08/29/22 08:31:04  
Instrument Used : DA-ICPMS-003      Batch Date : 08/26/22 10:01:50  
Running on : 08/26/22 12:52:05

Dilution : 100  
Reagent : 082422.R03; 081922.R19; 080222.R36; 080522.R52; 081922.R31; 081722.R41; 081922.R29; 081922.R30; 080922.R23; 080922.R22  
Consumables : 179436; 210508058; 210803-059  
Pipette : DA-061; DA-216

Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



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Sample : DA20826007-002

Harvest/Lot ID: H08Y02

Batch# : BMR0114/GRW0100

Sampled : 08/24/22

Ordered : 08/24/22

Sample Size Received : 90.9 gram

Total Batch Size : N/A

Completed : 08/29/22 Expires: 08/29/23

Sample Method : SOP Client Method

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	<b>Filth/Foreign Material</b>	<b>PASSED</b>
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Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.5	%	ND	PASS	1

Analyzed by:	Weight:	Extraction date:	Extracted by:
3404, 1879	NA	N/A	N/A

Analysis Method : SOP.T.30.074, SOP.T.40.074  
 Analytical Batch : DA048967FIL  
 Instrument Used : Filth/Foreign Material Microscope  
 Running on : 08/26/22 14:21:15  
 Reviewed On : 08/26/22 14:25:58  
 Batch Date : 08/26/22 10:09:23

Dilution : N/A  
 Reagent : N/A  
 Consumables : N/A  
 Pipette : N/A

Filth and foreign material inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with F.S. Rule 64ER20-39.