



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

**Sample: DA20901008-001**
**Harvest/Lot ID: H29Y01**
**Batch#: BMR0113/GRW0099**
**Seed to Sale# N/A**
**Batch Date: 08/29/22**
**Sample Size Received: 90.9 gram**
**Total Batch Size: N/A**
**Retail Product Size: 90.9 gram**
**Ordered : 08/31/22**
**Sampled : 08/31/22**
**Completed: 09/07/22**
**Sampling Method: SOP.T.20.010.FL**
**PASSED**

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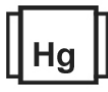
Sep 07, 2022 | Green Roads

601 Fairway Dr  
DEERFIELD BEACH, FL, 33441, US

**PRODUCT IMAGE**


Roll On

**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**
**PASSED**

**Total THC**
**0%**

Total THC/Container : 0 mg


**Total CBD**
**0.768%**

Total CBD/Container : 698.112 mg


**Total Cannabinoids**
**0.816%**

Total Cannabinoids/Container : 741.744 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	ND	ND	0.768	ND	ND	0.048	ND	ND	ND	ND	ND
mg/g	ND	ND	7.68	ND	ND	0.48	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, 1665, 3421

Weight:  
3.0241g

Extraction date:  
09/01/22 13:33:25

Extracted by:  
1665

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : DA049228POT  
Instrument Used : DA-LC-003 (Derivatives)  
Running on : 09/01/22 12:04:13

Reviewed On : 09/02/22 10:50:56  
Batch Date : 09/01/22 09:30:32

Dilution : 400  
Reagent : 083122.R08; 070121.27; 083122.R04  
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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 Telephone: (844) 747-3367  
 Email: LAURA@GREENROADSWORLD.COM

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Harvest/Lot ID: H29Y01

Batch# : BMR0113/GRW0099

Sampled : 08/31/22

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Sample Size Received : 90.9 gram

Total Batch Size : N/A

Completed : 09/07/22 Expires: 09/07/23

Sample Method : SOP Client Method

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<div>  <b>Pesticides</b> </div>						<b>PASSED</b>					
Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	PPM	30	PASS	ND	OXAMYL	0.01	ppm	0.5	PASS	ND
TOTAL DIMETHOMORPH	0.01	PPM	3	PASS	ND	PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
TOTAL PERMETHRIN	0.01	ppm	1	PASS	ND	PHOSMET	0.01	ppm	0.2	PASS	ND
TOTAL PYRETHRINS	0.01	ppm	1	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
TOTAL SPINETORAM	0.01	PPM	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
TOTAL SPINOSAD	0.01	ppm	3	PASS	ND	PROPICONAZOLE	0.01	ppm	1	PASS	ND
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
BOSCALID	0.01	PPM	3	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	CAPTAN *	0.07	PPM	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
CLOFENTZINE	0.01	ppm	0.5	PASS	ND	CYFLUTHRIN *	0.05	PPM	1	PASS	ND
COUAPHOS	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND						
DIAZINON	0.01	ppm	3	PASS	ND	Analyzed by:	3404, 3379, 585, 2023	Weight:	0.2691g	Extraction date:	09/01/22 14:44:20
DICHLORVOS	0.01	ppm	0.1	PASS	ND	Analysis Method :	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			Extracted by:	3379
DIMETHOATE	0.01	ppm	0.1	PASS	ND	Analytical Batch :	DA049203PES			Reviewed On :	09/02/22 09:54:02
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Instrument Used :	DA-LCMS-003 (PES)			Batch Date :	08/31/22 11:02:47
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Running on :	08/31/22 19:14:56				
ETOXAZOLE	0.01	ppm	1.5	PASS	ND	Dilution :	250				
FENHEXAMID	0.01	ppm	3	PASS	ND	Reagent :	082922.R01; 081522.R04; 083022.R29; 083122.R01; 092820.59				
FENOXICARB	0.01	ppm	0.1	PASS	ND	Consumables :	6676024-02				
FENPYROXIMATE	0.01	ppm	2	PASS	ND	Pipette :	DA-093; DA-094; DA-219				
FIPRONIL	0.01	ppm	0.1	PASS	ND	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.					
FLONICAMID	0.01	ppm	2	PASS	ND	Analyzed by:	3404, 3379, 450, 585	Weight:	0.2691g	Extraction date:	09/01/22 14:50:58
FLUDIOXONIL	0.01	ppm	3	PASS	ND	Analysis Method :	SOP.T.30.060, SOP.T.40.060			Extracted by:	3379
HEXYTHIAZOX	0.01	ppm	2	PASS	ND	Analytical Batch :	DA049236VOL			Reviewed On :	09/06/22 10:31:24
IMAZALIL	0.01	ppm	0.1	PASS	ND	Instrument Used :	DA-GCMS-001			Batch Date :	09/01/22 09:57:26
IMIDACLOPRID	0.01	ppm	1	PASS	ND	Running on :	N/A				
KRESOXIM-METHYL	0.01	ppm	2	PASS	ND	Dilution :	25				
MALATHION	0.01	ppm	3	PASS	ND	Reagent :	081522.R04; 092820.59; 082422.R46; 082422.R47				
METALAXYL	0.01	ppm	0.1	PASS	ND	Consumables :	6676024-02; 14725401				
METHIOCARB	0.01	ppm	0.1	PASS	ND	Pipette :	DA-080; DA-146				
METHOMYL	0.01	ppm	0.1	PASS	ND	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.					
MEVINPHOS	0.01	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.01	ppm	3	PASS	ND						
NALED	0.01	ppm	0.5	PASS	ND						



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**Email:** LAURA@GREENROADSWORLD.COM

**Sample :** DA20901008-001

**Harvest/Lot ID:** H29Y01

**Batch# :** BMR0113/GRW0099

**Sampled :** 08/31/22

**Ordered :** 08/31/22

**Sample Size Received :** 90.9 gram

**Total Batch Size :** N/A

**Completed :** 09/07/22 **Expires:** 09/07/23

**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	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		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

**Analysis Method :** SOP.T.40.041.FL

**Analytical Batch :** DA049308SOL

**Instrument Used :** DA-GCMS-003

**Running on :** 09/06/22 10:27:44

**Reviewed On :** 09/06/22 10:48:02

**Batch Date :** 09/02/22 16:22:47

**Dilution :** 1

**Reagent :** 030420.09

**Consumables :** 27296; KF140

**Pipette :** DA-309 25uL 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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Batch# : BMR0113/GRW0099

Sampled : 08/31/22

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Sample Size Received : 90.9 gram

Total Batch Size : N/A

Completed : 09/07/22 Expires: 09/07/23

Sample Method : SOP Client Method

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Microbial						Mycotoxins					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS		OCHRATOXIN A	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS			Not Present	PASS		AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		Analyzed by: 3404, 3379, 585, 2023      Weight: g      Extraction date: 09/01/22 14:49:42      Extracted by: 3379					
PSEUDOMONAS AERUGINOSA			Not Present	PASS		Analysis Method : SOP.T.30.101.FL, SOP.T.40.101.FL, SOP.T.30.102.FL, SOP.T.40.102.FL Analytical Batch : DA049204MYC      Reviewed On : 09/02/22 09:54:08 Instrument Used : DA-LCMS-003 (MYC)      Batch Date : 08/31/22 11:04:44 Running on : 08/31/22 19:15:03					
STAPHYLOCOCCUS AUREUS			Not Present	PASS		Dilution : N/A Reagent : 082922.R01; 081522.R04; 083022.R29; 083122.R01; 092820.59 Consumables : 6676024-02 Pipette : DA-093; DA-094; DA-219					
LISTERIA MONOCYTOGENES			Not Present	PASS		Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000						
Analyzed by: 3404, 3390, 585, 3336      Weight: 0.8335g      Extraction date: 09/01/22 18:34:18      Extracted by: 3390 Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.209.FL Analytical Batch : DA049224MIC      Reviewed On : 09/07/22 13:53:41 Instrument Used : PathogenDx Scanner DA-111      Batch Date : 09/01/22 09:20:18 Running on : N/A											
Dilution : N/A Reagent : 051922.29; 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, 3621, 585      Weight: 0.8335g      Extraction date: 09/01/22 12:28:45      Extracted by: 3390 Analysis Method : SOP.T.40.208, SOP.T.40.209.FL Analytical Batch : DA049257TYM      Reviewed On : 09/03/22 14:09:42 Instrument Used : Incubator (25-27C) DA-097      Batch Date : 09/01/22 12:16:09 Running on : N/A											
Dilution : N/A Reagent : 051922.29; 052422.04 Consumables : 006107 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.											

Heavy Metals					
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	<0.1	PASS	55
LEAD	0.05	PPM	0.281	PASS	10
Analyzed by: 3404, 3605, 1022, 585      Weight: 0.271g      Extraction date: 09/01/22 12:50:32      Extracted by: 3605 Analysis Method : SOP.T.30.081.FL, SOP.T.30.082.FL, SOP.T.40.081.FL, SOP.T.40.082.FL Analytical Batch : DA049233HEA      Reviewed On : 09/02/22 18:14:57 Instrument Used : DA-ICPMS-003      Batch Date : 09/01/22 09:51:46 Running on : 09/02/22 10:18:02					
Dilution : 100 Reagent : 082422.R03; 081922.R19; 080222.R36; 083122.R55; 082622.R23; 083122.R54; 082622.R24; 082622.R22; 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 Method : SOP Client Method**

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**Filth/Foreign  
Material**
**PASSED**

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 :** DA049300FIL

**Instrument Used :** Filth/Foreign Material Microscope

**Running on :** 09/02/22 23:13:19

**Reviewed On :** 09/02/22 23:36:24

**Batch Date :** 09/02/22 11:50:49

**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.