



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: DA21021009-001
Harvest/Lot ID: K12Y01
Batch#: BMR0126/GRW0106
Seed to Sale# N/A
Batch Date: 10/12/22
Sample Size Received: 30 gram
Total Batch Size: N/A
Retail Product Size: 30 gram
Ordered : 10/20/22
Sampled : 10/20/22
Completed: 10/24/22
Sampling Method: SOP.T.20.010.FL

Oct 24, 2022 | Green Roads

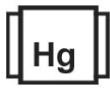
 601 Fairway Dr
 DEERFIELD BEACH, FL, 33441, US

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
PASSED

Total THC
0%

Total THC/Container : 0 mg


Total CBD
1.083%

Total CBD/Container : 324.9 mg


Total Cannabinoids
1.149%

Total Cannabinoids/Container : 344.7 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	ND	ND	1.083	ND	ND	0.066	ND	<0.02	ND	<0.02	<0.02
mg/g	ND	ND	10.83	ND	ND	0.66	ND	<0.2	ND	<0.2	<0.2
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, 3112, 53

 Weight:
 2.9446g

 Extraction date:
 10/21/22 11:59:32

 Extracted by:
 3112

Analysis Method : SOP.T.40.031, SOP.T.30.031

Analytical Batch : DA051357POT

Instrument Used : DA-LC-003 (Derivatives)

Running on : 10/21/22 10:32:24

Reviewed On : 10/24/22 12:54:18

Batch Date : 10/21/22 08:41:23

Dilution : 400

Reagent : 102022.R02; 070621.18; 102022.R01

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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 Email: LAURA@GREENROADSWORLD.COM

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Sample Size Received : 30 gram

Total Batch Size : N/A

Completed : 10/24/22 Expires: 10/24/23

Sample Method : SOP Client Method

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<div>  Pesticides </div>						PASSED					
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
COUMAPHOS	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, 585, 450, 53	Weight:	0.2242g	Extraction date:	10/21/22 12:24:05
DICHLORVOS	0.01	ppm	0.1	PASS	ND					Extracted by:	450
DIMETHOATE	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				
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Analytical Batch :	DA051359PES			Reviewed On :	10/24/22 12:14:53
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Instrument Used :	DA-LCMS-003 (PES)			Batch Date :	10/21/22 08:49:21
ETOXAZOLE	0.01	ppm	1.5	PASS	ND	Running on :	10/21/22 12:42:46				
FENHEXAMID	0.01	ppm	3	PASS	ND	Dilution :	250				
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Reagent :	101722.R17; 101922.R54; 101122.R30; 101922.R01; 092820.59				
FENPYROXIMATE	0.01	ppm	2	PASS	ND	Consumables :	6676024-02				
FIPRONIL	0.01	ppm	0.1	PASS	ND	Pipette :	DA-093; DA-094; DA-219				
FLONICAMID	0.01	ppm	2	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.					
FLUDIOXONIL	0.01	ppm	3	PASS	ND	Analyzed by:	3404, 450, 53	Weight:	0.2242g	Extraction date:	N/A
HEXYTHIAZOX	0.01	ppm	2	PASS	ND					Extracted by:	N/A
IMAZALIL	0.01	ppm	0.1	PASS	ND	Analysis Method :	SOP.T.30.060, SOP.T.40.060				
IMIDACLOPRID	0.01	ppm	1	PASS	ND	Analytical Batch :	DA051361VOL			Reviewed On :	10/24/22 12:11:12
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND	Instrument Used :	DA-GCMS-001			Batch Date :	10/21/22 08:51:17
MALATHION	0.01	ppm	2	PASS	ND	Running on :	N/A				
METALAXYL	0.01	ppm	3	PASS	ND	Dilution :	25				
METHIOCARB	0.01	ppm	0.1	PASS	ND	Reagent :	101922.R54; 092820.59; 092922.R22; 093022.R20				
METHOMYL	0.01	ppm	0.1	PASS	ND	Consumables :	6676024-02; 14725401				
MEVINPHOS	0.01	ppm	0.1	PASS	ND	Pipette :	DA-093; DA-094; DA-219				
MYCLOBUTANIL	0.01	ppm	3	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.					
NALED	0.01	ppm	0.5	PASS	ND						



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Sample : DA21021009-001

Harvest/Lot ID: K12Y01

Batch# : BMR0126/GRW0106

Sampled : 10/20/22

Ordered : 10/20/22

Sample Size Received : 30 gram

Total Batch Size : N/A

Completed : 10/24/22 **Expires:** 10/24/23

Sample Method : SOP Client Method

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Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
2-PROPANOL	50	ppm		TESTED	<250
ACETONE	75	ppm	750	PASS	ND
ACETONITRILE	6	ppm	60	PASS	<30
BENZENE	0.1	ppm	1	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	250	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	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 : DA051392SOL
Instrument Used : DA-GCMS-002
Running on : 10/24/22 15:32:01

Reviewed On : 10/24/22 16:02:55
Batch Date : 10/21/22 13:21:45

Dilution : 1
Reagent : N/A
Consumables : N/A
Pipette : N/A

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



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Sample : DA21021009-001

Harvest/Lot ID: K12Y01

Batch# : BMR0126/GRW0106

Sampled : 10/20/22

Ordered : 10/20/22




Sample Size Received : 30 gram

Total Batch Size : N/A

Completed : 10/24/22 Expires: 10/24/23

Sample Method : SOP Client Method

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 Microbial PASSED						 Mycotoxins PASSED					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ASPERGILLUS TERREUS			Not Present	PASS		AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS			Not Present	PASS		OCHRATOXIN A	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS		AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		Analyzed by: 3404, 585, 53 Weight: 0.2242g Extraction date: N/A Extracted by: N/A					
STAPHYLOCOCCUS AUREUS			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 : DA051360MYC Reviewed On : 10/24/22 12:08:10 Instrument Used : DA-LCMS-003 (MYC) Batch Date : 10/21/22 08:51:13 Running on : 10/21/22 12:42:53					
PSEUDOMONAS AERUGINOSA			Not Present	PASS		Dilution : 250 Reagent : 101722.R17; 101922.R54; 101122.R30; 101922.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, 3621, 585 Weight: NA Extraction date: N/A Extracted by: N/A Analysis Method : SOP.T.40.043 Analytical Batch : DA051390MIC Reviewed On : 10/24/22 13:58:45 Instrument Used : PathogenDx Scanner DA-111 Batch Date : 10/21/22 12:47:09 Running on : N/A Dilution : N/A Reagent : 071422.18 Consumables : N/A Pipette : N/A											
Analyzed by: N/A Weight: NA Extraction date: N/A Extracted by: N/A Analysis Method : SOP.T.40.208, SOP.T.40.209.FL Analytical Batch : N/A Reviewed On : 10/24/22 13:58:42 Instrument Used : N/A Batch Date : N/A Running on : N/A Dilution : N/A Reagent : N/A 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.											
						 Heavy Metals PASSED					
Metal						LOD	Units	Result	Pass / Fail	Action Level	
TOTAL CONTAMINANT LOAD METALS						0.11	ppm	0.624	PASS	5	
ARSENIC						0.02	ppm	<0.1	PASS	3	
CADMIUM						0.02	ppm	ND	TESTED		
LEAD						0.05	ppm	0.624	PASS	10	
MERCURY						0.02	ppm	ND	PASS	55	
Analyzed by: 3404, 3619, 1022, 53 Weight: 0.4136g Extraction date: 10/21/22 11:58:33 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 : DA051369HEA Reviewed On : 10/24/22 09:05:49 Instrument Used : DA-ICPMS-003 Batch Date : 10/21/22 09:08:54 Running on : 10/21/22 13:40:36 Dilution : 50 Reagent : 092122.R42; 092222.R39; 080222.R36; 101422.R21; 101222.R53; 101422.R19; 101422.R20; 092722.R40; 100322.R25; 100622.35 Consumables : 179436; 210508058; 210803-059 Pipette : DA-061; DA-106; 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 Size Received : 30 gram

Total Batch Size : N/A

Completed : 10/24/22 **Expires:** 10/24/23

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 : DA051399FIL

Instrument Used : Filth/Foreign Material Microscope

Running on : 10/21/22 14:48:15

Reviewed On : 10/21/22 14:51:52

Batch Date : 10/21/22 14:42:35

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.