













Certificate of Analysis

Sample: DA20609008-001
Harvest/Lot ID: F03Y01
Batch#: BMR0113/GRW0099
Seed to Sale# N/A
Batch Date: 06/03/22
Sample Size Received: 90.9 gram
Total Batch Size: N/A
Retail Product Size: 90.9 gram
Ordered : 06/08/22
Sampled : 06/08/22
Completed: 06/14/22
Sampling Method: SOP.T.20.010.FL



Jun 14, 2022 | Green Roads
601 Fairway Dr
DEERFIELD BEACH, FL, 33441, US



PASSED
Page 1 of 4

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

Cannabinoid **PASSED**

 Total THC 0% Total THC/Container : 0 mg	 Total CBD 0.819% Total CBD/Container : 744.471 mg	 Total Cannabinoids 0.869% Total Cannabinoids/Container : 789.921 mg
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	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	ND	ND	0.819	ND	ND	0.05	ND	ND	ND	ND	ND
mg/g	ND	ND	8.19	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
%	%	%	%	%	%	%	%	%	%	%	%

Filtration **PASSED**

Analyte	LOD	Units	Result	P/F	Action Level
Filtration and Foreign Material	0.1	%	ND	Pass	5

Analyzed By: 1440
 Weight: NA
 Extraction date: NA
 Extracted By: NA
 Analysis Method: -SOP.T.40.090
 Batch Date: 06/09/22 11:25:41
 Analytical Batch: -DA045036FIL
 Reviewed On: 06/09/22 13:23:43
 Instrument Used: Filtration/Foreign Material Microscope

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

Cannabinoid Profile Test


Analyzed by: 1440, 3112, 1665	Weight: 3.0961g	Extraction date: 06/09/22 12:35:24	Extracted By: 3112
Analysis Method: -SOP.T.40.031, SOP.T.30.031	Reviewed On: 06/10/22 09:28:37	Batch Date: 06/09/22 08:16:57	
Analytical Batch: -DA045018POT	Instrument Used: DA-LC-003 (Derivatives)	Running On: 06/09/22 13:05:18	

Dilution : 400
 Reagent : 060322.01; 030322.03; 040722.15; 060622.R03; 060622.R07
 Consumables : 239146; CE0123; 61633-125C6-125E; SLGNM25NS
 Pipette :

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

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on F.S. Rule 64ER20-39 and F.S. Rule 5K-4. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

Jorge Segredo
Lab Director
State License # CMTL-0002
ISO Accreditation # ISO/IEC 17025:2017 Accreditation P/LA-Testing 97164


Signature

06/14/22
Signed On



Certificate of Analysis

PASSED

Green Roads

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

Sample : DA20609008-001

Harvest/Lot ID: F03Y01

Batch# : BMR0113/GRW0099

Sampled : 06/08/22

Ordered : 06/08/22

Sample Size Received : 90.9 gram

Total Batch Size : N/A

Completed : 06/14/22 Expires: 06/14/23

Sample Method : SOP Client Method

Page 2 of 4



Pesticides

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	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	PYRETHRINS	0.01	ppm	1	PASS	ND
ACEQUINOXYL	0.01	ppm	2	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
BOSCALID	0.01	PPM	3	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	TOTAL DIMETHOMORPH	0.01	PPM	3	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	TOTAL PERMETHRIN	0.01	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	TOTAL SPINETORAM	0.01	PPM	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	CAPTAN *	0.07	PPM	3	PASS	ND
DIAZINON	0.01	ppm	3	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
DICHLORVOS	0.01	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
DIMETHOATE	0.01	ppm	0.1	PASS	ND	CYFLUTHRIN *	0.05	PPM	1	PASS	ND
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	1	PASS	ND
ETOFENPROX	0.01	ppm	0.1	PASS	ND						
ETOXAZOLE	0.01	ppm	1.5	PASS	ND						
FENHEXAMID	0.01	ppm	3	PASS	ND						
FENOXYCARB	0.01	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.01	ppm	2	PASS	ND						
FIPRONIL	0.01	ppm	0.1	PASS	ND						
FLONICAMID	0.01	ppm	2	PASS	ND						
FLUDIOXONIL	0.01	ppm	3	PASS	ND						
HEXYTHIAZOX	0.01	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.01	ppm	1	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.01	ppm	2	PASS	ND						
METALAXYL	0.01	ppm	3	PASS	ND						
METHIOCARB	0.01	ppm	0.1	PASS	ND						
METHOMYL	0.01	ppm	0.1	PASS	ND						
MEVINPHOS	0.01	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.01	ppm	3	PASS	ND						
NALED	0.01	ppm	0.5	PASS	ND						
OXAMYL	0.01	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND						
PHOSMET	0.01	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND						
PRALLETHRIN	0.01	ppm	0.4	PASS	ND						



Pesticides

PASSED

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

Analytical Batch -DA045038PES

Instrument Used : DA-LCMS-003 (PES)

Running on : 06/09/22 16:02:53

Reviewed On : 06/10/22 10:39:14

Batch Date : 06/09/22 11:29:07

Analyzed by:	Weight:	Extraction date:	Extracted by:
1440, 585, 3155, 53	0.2607g	06/09/22 13:35:21	3155

Dilution : 250

Reagent : 060622.R11; 052322.R17; 052422.R06; 060822.R01; 092820.59

Consumables : 6645562

Pipette :

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.

Analysis Method -SOP.T.30.060, SOP.T.40.060

Analytical Batch -DA045041VOL

Instrument Used : DA-GCMS-006

Running on :

Reviewed On : 06/10/22 11:28:41

Batch Date : 06/09/22 11:33:30

Analyzed by:	Weight:	Extraction date:	Extracted by:
NA	NA	NA	NA

Dilution : 25

Reagent : 052322.R17; 092820.59; 052622.R25; 052622.R24

Consumables : 6645562; 55447-U.15024601

Pipette : DA-080; DA-146

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.



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

Sample : DA20609008-001

Harvest/Lot ID: F03Y01

Batch# : BMR0113/GRW0099

Sampled : 06/08/22

Ordered : 06/08/22

Sample Size Received : 90.9 gram

Total Batch Size : N/A

Completed : 06/14/22 Expires: 06/14/23

Sample Method : SOP Client Method

Page 3 of 4



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	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



Solvents

PASSED

Analyzed by 1440, 850	Weight 0.0208g	Extraction date 06/10/22 13:27:12	Extracted By 850
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 Analysis Method -SOP.T.40.041.FL
 Analytical Batch -DA045066SOL
 Instrument Used : DA-GCMS-003
 Running On : 06/10/22 13:38:38
 Batch Date : 06/09/22 16:16:22

Reviewed On - 06/10/22 13:48:14

 Dilution : 1
 Reagent : 030420.09
 Consumables : 27296; KF140
 Pipette :

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



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 DEERFIELD BEACH, FL, 33441, US
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Sample : DA20609008-001
Harvest/Lot ID: F03Y01
Batch# : BMR0113/GRW0099
Sampled : 06/08/22
Ordered : 06/08/22
Sample Size Received : 90.9 gram
Total Batch Size : N/A
Completed : 06/14/22 Expires: 06/14/23
Sample Method : SOP Client Method
Page 4 of 4

	Microbial	PASSED		Mycotoxins	PASSED
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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	
LISTERIA MONOCYTOGENES			Not Present	PASS	
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000

Analysis Method - SOP.T.40.041, SOP.T.40.043, SOP.T.40.045, SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208
 Analytical Batch - DA045056MIC Reviewed On : 06/14/22 10:01:45
 Instrument Used : PathogenDx Scanner DA-111 Batch Date : 06/09/22 12:19:26
 Running on :

Analyzed by: **1440, 357, 2682, 53** Weight: **1.07g** Extraction date: **06/09/22 15:00:19** Extracted by: **357**

Dilution : 1
 Reagent :
 Consumables :
 Pipette :

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

Analysis Method - SOP.T.40.041
 Analytical Batch - DA045064TYM Reviewed On : 06/11/22 18:32:38
 Instrument Used : Incubator (25-27C) DA-097 Batch Date : 06/09/22 15:14:31
 Running on :

Analyzed by: **NA** Weight: **NA** Extraction date: **NA** Extracted by: **NA**

Dilution : 10
 Reagent :
 Consumables :
 Pipette :

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

Analysis Method -SOP.T.30.101.FL, SOP.T.40.101.FL, SOP.T.30.102.FL, SOP.T.40.102.FL

Analytical Batch -DA045039MYC | Reviewed On - 06/10/22 10:39:21

Instrument Used : DA-LCMS-003 (MYC)

Running On : 06/09/22 16:03:10 | Batch Date : 06/09/22 11:30:59

Analyzed by **1440, 585, 53** Weight **g** Extraction date **06/09/22 13:29:28** Extracted By **585**

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

	Heavy Metals	PASSED
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Metal	LOD	Units	Result	Pass / Fail	Action Level
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	0.323	PASS	10

Analyzed by **1440, 3357, 1022** Weight **0.2604g** Extraction date **06/09/22 13:39:15** Extracted By **1022**

Analysis Method -SOP.T.30.081.FL, SOP.T.30.082.FL, SOP.T.40.081.FL, SOP.T.40.082.FL

Analytical Batch -DA045046HEA | Reviewed On - 06/10/22 13:35:51

Instrument Used : DA-ICPMS-003

Running On : 06/10/22 10:45:41 | Batch Date : 06/09/22 11:48:52

Dilution : 100

Reagent : 053122.R12; 052422.R13; 060822.R33; 060722.R03; 060722.R01; 060722.R02; 060322.R24; 051822.R28; 052422.R14

Consumables : 179436; 210508058; 210803-059

Pipette :

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