



# Certificate of Analysis

Sample: DA20422005-001

Harvest/Lot ID: D18Y01

Batch#: BMR0133/GRW0121

Seed to Sale# N/A

Batch Date: 04/18/22

Sample Size Received: 30 gram

Total Weight/Volume: N/A

Retail Product Size: 30 gram

ordered: 04/21/22

sampled: 04/21/22

Completed: 04/25/22

Sampling Method: SOP Client Method



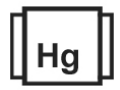







**PASSED**

Page 1 of 4




Apr 25, 2022 | Green Roads

601 Fairway Dr  
DEERFIELD BEACH, FL, 33441, US




PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides <b>PASSED</b>	 Heavy Metals <b>PASSED</b>	 Microbials <b>PASSED</b>	 Mycotoxins <b>PASSED</b>	 Residuals Solvents <b>PASSED</b>	 Filtration <b>PASSED</b>	 Water Activity NOT TESTED	 Moisture NOT TESTED	 Terpenes NOT TESTED

 **Cannabinoid** **PASSED**

 <b>Total THC</b> <b>ND</b> Total THC/Container : 0 mg	 <b>Total CBD</b> <b>2.54%</b> Total CBD/Container : 762 mg	 <b>Total Cannabinoids</b> <b>2.54%</b> Total Cannabinoids/Container : 762 mg
--	--	--

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	ND	ND	2.54	ND	ND	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	25.4	ND	ND	ND	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 : 04/22/22 11:13:47  
Analytical Batch - DA042428FIL  
Reviewed On - 04/22/22 15:28:31  
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	Weight: 3.1492g	Extraction date : 04/22/22 11:04:59	Extracted By : 3112
Analysis Method - SOP.T.40.031, SOP.T.30.031		Reviewed On - 04/23/22 08:07:38	Batch Date : 04/22/22 09:43:37
Analytical Batch - DA042410POT	Instrument Used : DA-LC-003 (Derivatives)	Running On : 04/22/22 12:12:35	

Dilution : 400  
Reagent : 033022.01; 041822.R28; 030122.44; 041822.R25  
Consumables : 239146; 280670723; CE0123; 61633-125C6-125E; 11945-019CD-019C  
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

04/25/22  
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 : DA20422005-001

Harvest/Lot ID: D18Y01

Batch# : BMR0133/GRW0121

Sampled : 04/21/22

Odered : 04/21/22

Sample Size Received : 30 gram

Total Weight/Volume : N/A

Completed : 04/25/22 Expires: 04/25/23

Sample Method : SOP Client Method

Page 2 of 4



## Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Pass/Fail	Result	Pesticides	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	PPM	30	PASS	ND	PROPRICONAZOLE	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
ACEQUINOCYL	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 *	0.025	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 *	0.01	PPM	1	PASS	ND
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.01	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 - DA042420PES

 Reviewed On : 04/24/22  
 12:58:40  
 Batch Date : 04/22/22  
 10:47:06

Instrument Used : DA-LCMS-003 (PES)

Running on : 04/22/22 14:57:53

Analyzed by: 1440	Weight: 0.2182g	Extraction date: 04/22/22 12:04:09	Extracted by: 585
----------------------	--------------------	---------------------------------------	----------------------

Dilution : 250

Reagent : 041822.R31; 041922.R02; 041222.R04; 042022.R01; 092820.59

Consumables : 6524407-03

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 - DA042419VOL

Instrument Used : DA-GCMS-001

Running on : 04/22/22 15:13:09

 Reviewed On : 04/25/22 10:48:30  
 Batch Date : 04/22/22 10:44:35

Analyzed by: 1440	Weight: 0.2182g	Extraction date: 04/22/22 12:04:06	Extracted by: 585
----------------------	--------------------	---------------------------------------	----------------------

Dilution : 25

Reagent :

Consumables :

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.



# Certificate of Analysis

**PASSED**

Green Roads

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

Sample : DA20422005-001

Harvest/Lot ID: D18Y01

Batch# : BMR0133/GRW0121

Sampled : 04/21/22

Ordered : 04/21/22

Sample Size Received : 30 gram

Total Weight/Volume : N/A

Completed : 04/25/22 Expires: 04/25/23

Sample Method : SOP Client Method

Page 3 of 4



## Residual Solvents

**PASSED**

Solvent	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	<250
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



## Residual Solvents

**PASSED**

Analyzed by 1440	Weight 0.0273g	Extraction date 04/22/22 04:04:38	Extracted By 850
---------------------	-------------------	--------------------------------------	---------------------

Analysis Method -SOP.T.40.041.FL  
Analytical Batch -DA042442SOL  
Instrument Used : DA-GCMS-002  
Running On : 04/25/22 06:01:30  
Batch Date : 04/22/22 16:40:01

Reviewed On - 04/25/22 06:25:37

Dilution : 1  
Reagent : 030420.09  
Consumables : 27296; KF140

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





# Certificate of Analysis

**PASSED**

Green Roads

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

Sample : DA20422005-001

Harvest/Lot ID: D18Y01

Batch#: BMR0133/GRW0121

Sampled : 04/21/22

Ordered : 04/21/22

Sample Size Received : 30 gram

Total Weight/Volume : N/A

Completed : 04/25/22 Expires: 04/25/23

Sample Method : SOP Client Method

Page 4 of 4

	<b>Microbials</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

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 - DA042414MIC  
Instrument Used : PathogenDx Scanner DA-111  
Running on : 04/24/22 09:01:32

Reviewed On : 04/24/22 16:17:53  
Batch Date : 04/22/22 09:57:27

Analyzed by: 1440    Weight: 1.0904g    Extraction date: 04/22/22 10:04:39    Extracted by: 513

Dilution : 1  
Reagent : 021122.39; 040422.R01; 021121.15  
Consumables :

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 - DA042445TYM    Reviewed On : 04/24/22 14:12:30  
Instrument Used : Incubator (25-27C) DA-097    Batch Date : 04/22/22 17:07:53  
Running on : 04/22/22 18:04:04

Analyzed by: 1440    Weight: 1.0904g    Extraction date: 04/22/22 06:04:02    Extracted by: 513

Dilution : 10  
Reagent : 021122.39; 040422.R01  
Consumables :

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 -DA042421MYC | Reviewed On - 04/24/22 12:58:45  
Instrument Used : DA-LCMS-003 (MYC)  
Running On : 04/22/22 14:58:01 | Batch Date : 04/22/22 10:50:16

Analyzed by: 1440    Weight: g    Extraction date: 04/22/22 01:04:29    Extracted By: 585

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>
---	---------------------	---------------

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	0.679	PASS	10

Analyzed by: 1440    Weight: 0.2492g    Extraction date: 04/22/22 03:04:35    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 -DA042416HEA | Reviewed On - 04/24/22 14:19:27  
Instrument Used : DA-ICPMS-003  
Running On : 04/22/22 20:17:12 | Batch Date : 04/22/22 10:20:56

Dilution : 100  
Reagent : 033022.R44; 032922.R14; 041422.R28; 041922.R39; 041922.R38; 041322.R41; 041922.R37; 032522.R15; 040522.R18  
Consumables : 179436; 3146-870-008; 12123-047CC  
Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.