



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: DA30426008-001

Harvest/Lot ID: D12Z01

Batch#: BMR0132/GRW0120

Batch Date: 04/12/23

Sample Size Received: 90.9 units

Total Amount: 90.9 units

Retail Product Size: 90.9 gram

Ordered : 04/25/23

Sampled : 04/25/23

Completed: 04/28/23

Sampling Method: SOP.T.20.010.FL

Apr 28, 2023 | Green Roads

601 Fairway Dr
DEERFIELD BEACH, FL, 33441, US

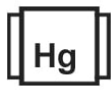
PASSED

Pages 1 of 5

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

ND

Total THC/Container : 0 mg



Total CBD

1.584%

Total CBD/Container : 1439.856 mg



Total Cannabinoids

1.682%

Total Cannabinoids/Container : 1528.938 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	ND	ND	1.584	ND	ND	0.098	ND	ND	ND	<0.01	ND
mg/unit	ND	ND	1439.856	ND	ND	89.082	ND	ND	ND	<9.09	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
3112, 1665, 585, 4044

Weight:
3.0417g

Extraction date:
04/26/23 12:06:28

Extracted by:
3112

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

Analytical Batch : DA059296POT

Instrument Used : DA-LC-003

Analyzed Date : 04/26/23 12:08:46

Reviewed On : 04/27/23 11:47:41

Batch Date : 04/26/23 08:43:40

Dilution : 400

Reagent : 041923.R11; 070121.27; 041923.R07

Consumables : 250350; CE0123; 12620-308CD-308D; 61633-125C6-125E; R1KB14270

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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Jorge Segredo

Lab Director

State License # CMTL-0002
ISO 17025 Accreditation # ISO/IEC
17025:2017 Accreditation PJLA-
Testing 97164



Signature
04/28/23



Certificate of Analysis

PASSED

Green Roads

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

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Harvest/Lot ID: D12Z01

Batch# : BMR0132/GRW0120

Sampled : 04/25/23

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Completed : 04/28/23 Expires: 04/28/24

Sample Method : SOP.T.20.010.FL

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<div><div></div><div>Pesticides</div></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
CLOFENTEZINE	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	Analyzed by: 3303, 3379, 585, 4044 Weight: 0.2323g Extraction date: 04/26/23 15:20:40 Extracted by: 450,585 Analysis Method :SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville), SOP.T.40.102.FL (Davie) Analytical Batch :DA059317PES Instrument Used :DA-LCMS-003 (PES) Analyzed Date :04/26/23 14:46:07 Dilution : 250 Reagent : 042123.R02; 042423.R10; 042623.R19; 042423.R12; 042623.R45; 042623.R20; 040521.11 Consumables : 6697075-02 Pipette : DA-093; DA-094; DA-219 Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
DIAZINON	0.01	ppm	3	PASS	ND						
DICHLORVOS	0.01	ppm	0.1	PASS	ND						
DIMETHOATE	0.01	ppm	0.1	PASS	ND						
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND						
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Analyzed by: 450, 585, 4044 Weight: 0.2323g Extraction date: N/A Extracted by: 450 Analysis Method :SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL (Gainesville) Analytical Batch :DA059319VOL Instrument Used :DA-GCMS-001 Analyzed Date :04/26/23 15:21:41 Dilution : 25 Reagent : 042623.R19; 040521.11; 040723.R43; 040723.R44 Consumables : 6697075-02; 14725401 Pipette : DA-080; DA-146; DA-218 Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
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						



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Sample : DA30426008-001

Harvest/Lot ID: D12Z01

Batch# : BMR0132/GRW0120

Sampled : 04/25/23

Ordered : 04/25/23

Sample Size Received : 90.9 units

Total Amount : 90.9 units

Completed : 04/28/23 Expires: 04/28/24

Sample Method : SOP.T.20.010.FL

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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:
 850, 585, 4044

 Weight:
 0.0219g

 Extraction date:
 04/27/23 12:45:10

 Extracted by:
 850

 Analysis Method : SOP.T.40.041.FL
 Analytical Batch : DA059349SOL
 Instrument Used : DA-GCMS-003
 Analyzed Date : 04/27/23 13:09:11

 Reviewed On : 04/27/23 13:42:45
 Batch Date : 04/26/23 15:49:12

 Dilution : 1
 Reagent : 030420.09
 Consumables : R2017.167; G201.167
 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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Sample : DA30426008-001

Harvest/Lot ID: D12Z01

Batch# : BMR0132/GRW0120

Sampled : 04/25/23

Ordered : 04/25/23


Sample Size Received : 90.9 units



Total Amount : 90.9 units



Completed : 04/28/23 Expires: 04/28/24

Sample Method : SOP.T.20.010.FL

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	Microbial	PASSED			
Analyte	LOD	Units	Result	Pass / Fail	Action Level
ECOLI SHIGELLA			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	
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000
Analyzed by: 3621, 3390, 585, 4044	Weight: 0.9111g	Extraction date: 04/26/23 11:00:49	Extracted by: 3621,3390		
Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL					
Analytical Batch : DA059298MIC			Reviewed On : 04/27/23 12:03:17		
Instrument Used : PathogenDx Scanner DA-111,Applied Biosystems Thermocycler DA-171,fisherbrand Isotemp Heat Block DA-020,fisherbrand Isotemp Heat Block DA-049,Fisher Scientific Isotemp Heat Block DA-021			Batch Date : 04/26/23 08:54:06		
Analyzed Date : 04/26/23 12:39:37					
Dilution : N/A					
Reagent : 031023.05; 092122.06; 011323.27; 042623.R85					
Consumables : 7563002012					
Pipette : N/A					
Analyzed by: 3621, 585, 4044	Weight: 0.9111g	Extraction date: 04/26/23 11:00:49	Extracted by: 3621		
Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL					
Analytical Batch : DA059336TYM			Reviewed On : 04/28/23 12:47:36		
Instrument Used : Incubator (25-27C) DA-096			Batch Date : 04/26/23 11:01:03		
Analyzed Date : 04/26/23 12:39:31					
Dilution : 10					
Reagent : 031023.05; 032323.R29					
Consumables : 007109					
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.					

	Mycotoxins	PASSED				
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: 3379, 585, 4044	Weight: 0.2323g	Extraction date: N/A	Extracted by: 450,585			
Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)						
Analytical Batch : DA059318MYC		Reviewed On : 04/28/23 09:24:14				
Instrument Used : N/A		Batch Date : 04/26/23 09:55:39				
Analyzed Date : 04/26/23 14:46:30						
Dilution : 250						
Reagent : 042123.R02; 042423.R10; 042623.R19; 042423.R12; 042623.R45; 042623.R20; 040521.11						
Consumables : 6697075-02						
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.						
	Heavy Metals	PASSED				
Metal	LOD	Units	Result	Pass / Fail	Action Level	
TOTAL CONTAMINANT LOAD METALS	0.08	ppm	<0.4	PASS	5	
ARSENIC	0.02	ppm	<0.1	PASS	3	
CADMIUM	0.02	ppm	ND	TESTED		
MERCURY	0.02	ppm	ND	PASS	55	
LEAD	0.02	ppm	0.294	PASS	10	
Analyzed by: 1022, 585, 4044	Weight: 0.2451g	Extraction date: 04/26/23 12:12:35	Extracted by: 1022, 3610, 3807			

		<h1>Mycotoxins</h1>		<h1>PASSED</h1>		
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: 3379, 585, 4044		Weight: 0.2323g	Extraction date: N/A		Extracted by: 450,585	
Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)						
Analytical Batch : DA059318MYC			Reviewed On : 04/28/23 09:24:14			
Instrument Used : N/A			Batch Date : 04/26/23 09:55:39			
Analyzed Date : 04/26/23 14:46:30						
Dilution : 250						
Reagent : 042123.R02; 042423.R10; 042623.R19; 042423.R12; 042623.R45; 042623.R20; 040521.11						
Consumables : 6697075-02						
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.						
		<h1>Heavy Metals</h1>		<h1>PASSED</h1>		
Metal		LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS		0.08	ppm	<0.4	PASS	5
ARSENIC		0.02	ppm	<0.1	PASS	3
CADMIUM		0.02	ppm	ND	TESTED	
MERCURY		0.02	ppm	ND	PASS	55
LEAD		0.02	ppm	0.294	PASS	10
Analyzed by: 1022, 585, 4044		Weight: 0.2451g	Extraction date: 04/26/23 12:12:35		Extracted by: 1022 3610 3807	

<div><div></div><div>Hg</div><div></div></div>	Heavy Metals			PASSED	
Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.08	ppm	<0.4	PASS	5
ARSENIC	0.02	ppm	<0.1	PASS	3
CADMIUM	0.02	ppm	ND	TESTED	
MERCURY	0.02	ppm	ND	PASS	55
LEAD	0.02	ppm	0.294	PASS	10
Analyzed by: 1022, 585, 4044	Weight: 0.2451g	Extraction date: 04/26/23 12:12:35		Extracted by: 1022,3619,3807	
Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL					
Analytical Batch : DA059316HEA			Reviewed On : 04/27/23 11:38:43		
Instrument Used : DA-ICPMS-003			Batch Date : 04/26/23 09:53:06		
Analyzed Date : 04/26/23 15:44:40					
Dilution : 50					
Reagent : 040623.R23; 031423.R18; 042423.R03; 040723.R30; 042423.R01; 042423.R02; 041123.R28; 042523.R20; 020123.02					
Consumables : 179436; 210508058; 12620-308CD-308D					
Pipette : DA-061; DA-191; DA-216					
Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					



4131 SW 47th AVENUE SUITE 1408
DAVIE, FL, 33314, US
(954) 368-7664

Kaycha Labs

ARTHRITIS PAIN RELIEF ROLL ON 1500 MG

N/A

Matrix : Derivative

Type: FDA Cosmetics



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Page 5 of 5



**Filtration/Foreign
Material**

PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Filtration and Foreign Material	0.1	%	ND	PASS	1

Analyzed by: 1879, 4044	Weight: NA	Extraction date: N/A	Extracted by: N/A
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Analysis Method : SOP.T.40.090

Analytical Batch : DA059358FIL

Instrument Used : Filtration/Foreign Material Microscope

Analyzed Date : 04/26/23 18:16:24

Reviewed On : 04/26/23 18:27:00

Batch Date : 04/26/23 18:14:39

Dilution : N/A

Reagent : N/A

Consumables : N/A

Pipette : N/A

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

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Jorge Segredo
Lab Director

State License # CMTL-0002
ISO 17025 Accreditation # ISO/IEC
17025:2017 Accreditation PJLA-
Testing 97164

Signature
04/28/23