



Certificate of Analysis

Sample: DA20214001-001
Harvest/Lot ID: B04Y02
Batch#: BMR0099/GRW0072
Seed to Sale# N/A
Batch Date: 02/04/22
Sample Size Received: 104.4 gram
Total Weight/Volume: N/A
Retail Product Size: 2.32 gram
Ordered : 02/10/22
sampled : 02/10/22
Completed: 02/17/22
Sampling Method: SOP Client Method

Feb 17, 2022 | Green Roads
601 Fairway Dr
DEERFIELD BEACH, FL, 33441, US

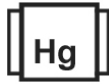


PASSED
Page 1 of 5

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
TESTED

MISC.

CANNABINOID RESULTS



Total THC
ND
TOTAL THC/Container :0 mg



Total CBD
1.131%
TOTAL CBD/Container :26.239 mg



Total Cannabinoids
1.2%
Total Cannabinoids/Container :27.84 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	ND	ND	0.069	1.131	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	0.69	11.31	ND	ND	ND	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Filtration PASSED

Analyzed By	Weight	Extraction date	Extracted By
1	NA	NA	NA
Analyte	LOD	Pass/Fail	Result
Filtration and Foreign Material	0.1	Pass	ND
Analysis Method -SOP.T.40.013	Batch Date : 02/15/22 07:33:41		
Analytical Batch -DA038561FIL	Reviewed On - 02/15/22 15:07:48		
Instrument Used : Filtration/Foreign Material Microscope			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-28/T Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	3.0898g	02/14/22 03:02:11	2076
Analysis Method -SOP.T.40.020, SOP.T.30.050	Reviewed On - 02/15/22 17:21:22	Batch Date : 02/12/22 13:44:15	
Analytical Batch -DA038479POT	Instrument Used : DA-LC-003 (Edibles)	Running On : 02/14/22 21:28:09	

Reagent	Dilution	Consumables ID
021022.R02	40	CE0123
011222.05		239146
021022.R01		293017195
113021.91		61633-125C6-125E
		11945-019CD-019C

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

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Jorge Segredo
Lab Director

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



Signature

02/17/22

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 : DA20214001-001

Harvest/Lot ID: B04Y02

Batch# : BMR0099/GRW0072

Sampled : 02/10/22

Ordered : 02/10/22

Sample Size Received : 104.4 gram

Total Weight/Volume : N/A

Completed : 02/17/22 Expires: 02/17/23

Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)
TOTAL TERPINEOL	0.007	ND	ND	[REDACTED]
CAMPHENE	0.007	ND	ND	
BETA-MYRCENE	0.007	ND	ND	
3-CARENE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND	
OCIMENE	0.007	ND	ND	
EUCALYPTOL	0.007	ND	ND	
LINALOOL	0.007	ND	ND	
FENCHONE	0.007	ND	ND	
ISOPULEGOL	0.007	ND	ND	
ISOBORNEOL	0.007	ND	ND	
HEXAHYDROTHYMOL	0.007	ND	ND	
NEROL	0.007	ND	ND	
GERANYL ACETATE	0.007	ND	ND	
BETA-CARYOPHYLLENE	0.007	ND	ND	
VALENCENE	0.007	ND	ND	
CEDROL	0.007	ND	ND	
CIS-NEROLIDOL	0.007	ND	ND	
FARNESENE	0.007	ND	ND	
CARYOPHYLLENE OXIDE	0.007	ND	ND	
ALPHA-BISABOLOL	0.007	ND	ND	
ALPHA-PINENE	0.007	ND	ND	
SABINENE	0.007	ND	ND	
BETA-PINENE	0.007	ND	ND	
ALPHA-TERPINENE	0.007	ND	ND	
LIMONENE	0.007	ND	ND	
GAMMA-TERPINENE	0.007	ND	ND	
TERPINOLENE	0.007	ND	ND	
SABINENE HYDRATE	0.007	ND	ND	
FENCHYL ALCOHOL	0.007	ND	ND	
CAMPHOR	0.013	ND	ND	

Terpenes	LOD(%)	mg/g	%	Result (%)
BORNEOL	0.013	ND	ND	[REDACTED]
GERANIOL	0.007	ND	ND	
PULEGONE	0.007	ND	ND	
ALPHA-CEDRENE	0.007	ND	ND	
ALPHA-HUMULENE	0.007	ND	ND	
TRANS-NEROLIDOL	0.007	ND	ND	
GUAIOL	0.007	ND	ND	



Terpenes

TESTED

Analyzed by: 2651 Weight: 0.9121g Extraction date: 02/14/22 01:02:19 Extracted By: 2076

Analysis Method - SOP.T.40.090
Analytical Batch - DA038517TER
Instrument Used - DA-GCMS-004
Running On : 02/14/22 16:16:27
Batch Date : 02/13/22 15:22:29
Reviewed On - 02/15/22 09:25:34

Reagent	Dilution	Consums. ID
100421.06	10	280678841 CE0123 914C4-914AK 929C6-929H

Terpenoid profile screening is performed using GC-MS/MS TQ-8040 with Liquid Injection (Gas Chromatography - Mass Spectrometer Triple Quad) which can screen 37 terpenes using Method SOP.T.40.090 Terpenoid Analysis Via GC-MS/MS.

Total (%) ND



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PASSED

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 DEERFIELD BEACH, FL, 33441, US
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 Email: LAURA@GREENROADSWORLD.COM

Sample : DA20214001-001

Harvest/Lot ID: B04Y02

Batch# : BMR0099/GRW0072

Sampled : 02/10/22

Ordered : 02/10/22

Sample Size Received : 104.4 gram

Total Weight/Volume : N/A

Completed : 02/17/22 Expires: 02/17/23

Sample Method : SOP Client Method

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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Pass/Fail	Result	Pesticides	LOD	Units	Action Level	Pass/Fail	Result
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	0.05	ppm	1	PASS	ND
ACEQUINOCLY	0.01	ppm	2	PASS	ND	PYRIDABEN	0.02	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	0.05	ppm	1	PASS	ND
CARBARYL	0.05	ppm	0.5	PASS	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.005	PPM			ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	TOTAL DIMETHOMORPH	0.02	PPM	3	PASS	ND
CHLORANTRANILIPROLE	0.1	ppm	3	PASS	ND	TOTAL PERMETHRIN	0.01	ppm	1	PASS	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	PASS	ND	TOTAL SPINETORAM	0.02	PPM	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
CLOFENTEZINE	0.02	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
DIAZINON	0.01	ppm	3	PASS	ND	CAPTAN *	0.025	PPM	3	PASS	ND
DICHLORVOS	0.01	ppm	0.1	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
DIMETHOATE	0.01	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	CYFLUTHRIN *	0.01	PPM	1	PASS	ND
ETOFENPROX	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.01	PPM	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	0.04	ppm	1	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.02	ppm	2	PASS	ND						
METALAXYL	0.01	ppm	3	PASS	ND						
METHIACARB	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						
NALD	0.025	ppm	0.5	PASS	ND						
OXAMYL	0.05	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND						
PHOSMET	0.01	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	0.3	ppm	3	PASS	ND						
PRALLETHRIN	0.01	ppm	0.4	PASS	ND						
PROPICONAZOLE	0.01	ppm	1	PASS	ND						



Pesticides

PASSED

Analyzed by S85, 1	Weight 1.1328g	Extraction date 02/14/22 02:02:15	Extracted By 1665, 1665
Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070, SOP.T.30.065, SOP.T40.070			
Analytical Batch - DA038508PES, DA038529VOL		Reviewed On - 02/15/22 15:07:48	
Instrument Used : DA-LCMS-003 (PES), DA-GCMS-001			
Running On : 02/14/22 16:55:25, 02/14/22 16:48:02		Batch Date : 02/13/22 14:32:42	
Reagent 020722.R52 020222.R26 020822.R24 020922.R01 092820.59	Dilution 250	Consumables ID 6524407-03	

Pesticide screen is performed using LC-MS and/or GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and GCMSMS. SOP.T40.065/SOP.T.40.066/SOP.T.40.070 Procedure for Pesticide Quantification Using LCMS and GCMS). * Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.

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Jorge Segredo
 Lab Director

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

Signature

02/17/22

Signed On



Certificate of Analysis

PASSED
Green Roads

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

Sample : DA20214001-001
Harvest/Lot ID: B04Y02
Batch# : BMR0099/GRW0072
Sampled : 02/10/22
Ordered : 02/10/22
Sample Size Received : 104.4 gram
Total Weight/Volume : N/A
Completed : 02/17/22 Expires: 02/17/23
Sample Method : SOP Client Method
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Residual Solvents

PASSED

Solvent	LOD	Units	Action Level	Pass/Fail	Result
METHANOL	25	ppm	250	PASS	ND
ETHANOL	500	ppm	5000	PASS	<2500
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	500	PASS	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



Residual Solvents

PASSED

Analyzed by 850	Weight 0.029g	Extraction date 02/16/22 04:02:13	Extracted By 850
Analysis Method -SOP.T.40.032		Reviewed On - 02/16/22 16:58:35	
Analytical Batch -DA038543SOL			
Instrument Used : DA-GCMS-003			
Running On : 02/16/22 16:29:07			
Batch Date : 02/14/22 15:30:54			
Reagent 030420.09	Dilution 1	Consumables ID 27296 KE136	

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 21 Residual solvents.(Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS).

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Jorge Segredo
 Lab Director

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

Signature

02/17/22

Signed On



Certificate of Analysis

PASSED

Green Roads

601 Fairway Dr
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Telephone: (844) 747-3367
Email: LAURA@GREENROADSWORLD.COM

Sample : DA20214001-001

Harvest/Lot ID: B04Y02

Batch# : BMR0099/GRW0072

Sampled : 02/10/22

Ordered : 02/10/22

Sample Size Received : 104.4 gram

Total Weight/Volume : N/A

Completed : 02/17/22 Expires: 02/17/23

Sample Method : SOP Client Method

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Microbials PASSED					Mycotoxins PASSED					
Analyte	LOD	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							
TOTAL YEAST AND MOLD	10	<10	PASS	100000						

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -DA038527MIC , DA038539TYM Batch Date : 02/14/22 08:19:58, 02/14/22 11:57:05
Instrument Used : PathogenDx Scanner DA-111,
Running On : 02/16/22 11:28:28

Analyzed by 2682, 2682 Weight 0.9753g Extraction date 02/14/22 11:02:20 Extracted By 513, 513

Reagent	Dilution
020122.R69	1
021121.07	
021122.21	

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing. Pour- plating is used for quantitation and confirmation, Total Yeast and Mold has an action limit of 100,000 CFU.

Hg Heavy Metals **PASSED**

Metal	LOD	Unit	Result	Pass / Fail	Action Level
ARSENIC	0.02	PPM	ND	PASS	1.5
CADMIUM	0.02	PPM	ND	PASS	0.5
MERCURY	0.02	PPM	ND	PASS	3
LEAD	0.05	PPM	ND	PASS	0.5

Analyzed by 1022 Weight 0.2481g Extraction date 02/14/22 03:02:11 Extracted By 1022

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051

Analytical Batch -DA038534HEA | Reviewed On - 02/15/22 10:29:19

Instrument Used : DA-ICPMS-003

Running On : 02/15/22 09:57:06 | Batch Date : 02/14/22 10:45:11

Reagent	Reagent	Reagent	Dilution	Consums. ID
021122.R29	020222.R49	021122.R01	100	179436
012822.R28	021422.R01			3146-870-008
021122.R28	020122.R02			12265-115CC
021422.R02	122821.R12			

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) using Method SOP.T.30.052, SOP.T.30.053 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050, SOP.T.40.051 Heavy Metals Analysis via ICP-MS.