



Certificate of Analysis

Sample: DA20119007-001

Harvest/Lot ID: A07Y02

Batch#: BMR0115/GRW0016

Seed to Sale# N/A

Batch Date: 01/07/22

Sample Size Received: 28.50 gram

Total Weight/Volume: N/A

Retail Product Size: 28.50 gram

Ordered : 01/14/22

sampled : 01/14/22

Completed: 01/22/22

Sampling Method: SOP Client Method

PASSED

Page 1 of 4

Jan 22, 2022 | Green Roads

601 Fairway Dr
DEERFIELD BEACH, FL, 33441, US



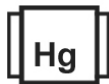
PRODUCT IMAGE



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 RESULTS



Total THC

ND

TOTAL THC/Container : 0 mg



Total CBD

2.148%

TOTAL CBD/Container : 612.18 mg



Total Cannabinoids

2.172%

Total Cannabinoids/Container : 619.02 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0.024	ND	ND	ND	2.148	ND	ND	ND	ND	ND	ND
mg/g	0.24	ND	ND	ND	21.48	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
457	NA	01/19/22	457
Analyte	LOD	A.L	Result
Filtration and Foreign Material	0.1	5	ND
Analysis Method -SOP.T.40.013		Batch Date : 01/19/22 13:55:20	
Analytical Batch -DA037094FIL		Reviewed On - 01/19/22 16:36:43	
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-2B/T Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	3.0371g	01/19/22 07:01:05	574
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 01/20/22 13:07:07	Batch Date : 01/19/22 15:05:35
Analytical Batch -DA037109POT		Instrument Used : DA-LC-003 (Edibles)	Running On : 01/19/22 22:20:02

Reagent	Dilution	Consums. ID
011322.R29	400	CE0123
121321.S0		239146
011322.R28		293017195
121321.L3		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).

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is a Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Jorge Segredo
Lab Director

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



Signature

01/22/22

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 : DA20119007-001

Harvest/Lot ID: A07Y02

Batch# :

BMR0115/GRW0016

Sampled : 01/14/22

Ordered : 01/14/22

Sample Size Received : 28.50 gram

Total Weight/Volume : N/A

Completed : 01/22/22 Expires: 01/22/23

Sample Method : SOP Client Method


Page 2 of 4



Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PROPOXUR	0.01	ppm	0.1	ND
ACEPHATE	0.01	ppm	3	ND	PYRETHRINS	0.05	ppm	1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PYRIDABEN	0.02	ppm	3	ND
ACETAMIPRID	0.01	ppm	3	ND	SPIROMESIFEN	0.01	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND	SPIROTETRAMAT	0.01	ppm	3	ND
AZOXYSTROBIN	0.01	ppm	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
BIFENAZATE	0.01	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
BIFENTHRIN	0.01	ppm	0.5	ND	THIACLOPRID	0.01	ppm	0.1	ND
BOSCALID	0.01	PPM	3	ND	THIAMETHOXAM	0.05	ppm	1	ND
CARBARYL	0.05	ppm	0.5	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.005	PPM		ND
CARBOFURAN	0.01	ppm	0.1	ND	TOTAL DIMETHOMORPH	0.02	PPM	3	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	TOTAL SPINETORAM	0.02	PPM	3	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
COUMAPHOS	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
DAMINOZIDE	0.01	ppm	0.1	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
DIAZINON	0.01	ppm	3	ND	CAPTAN *	0.025	PPM	3	ND
DICHLORVOS	0.01	ppm	0.1	ND	CHLORDANE *	0.01	PPM	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	CYFLUTHRIN *	0.01	PPM	1	ND
ETOFENPROX	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	1	ND
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	0.01	ppm	3	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	1	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.02	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.025	ppm	0.5	ND					
OXAMYL	0.05	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PHOSMET	0.01	ppm	0.2	ND					
PIPERONYL BUTOXIDE	0.3	ppm	3	ND					
PRALLETHRIN	0.01	ppm	0.4	ND					
PROPICONAZOLE	0.01	ppm	1	ND					



Pesticides

PASSED

Analyzed by 585, 1665	Weight 0.8826g	Extraction date 01/19/22 03:01:09	Extracted By 1665, 1665
<small>Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070, SOP.T.30.065, SOP.T.40.070</small>			
<small>Analytical Batch - DA037068PES, DA037043VOL</small>			
<small>Instrument Used : DA-LCMS-003 (PES), DA-GCMS-006</small>			<small>Reviewed On- 01/19/22 16:36:43</small>
<small>Running On : 01/19/22 17:05:18, 01/19/22 16:42:58</small>			<small>Batch Date : 01/19/22 10:32:35</small>
Reagent	Dilution	Consums. ID	
011822.A25 011222.R46 011822.R09 011822.A01 092820.99	250	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.T.40.065/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.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is a Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Jorge Segredo
Lab Director



01/22/22

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

Signature

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 : DA20119007-001

Harvest/Lot ID: A07Y02

Batch# :

BMR0115/GRW0016

Sampled : 01/14/22

Ordered : 01/14/22

Sample Size Received : 28.50 gram

Total Weight/Volume : N/A

Completed : 01/22/22 **Expires:** 01/22/23

Sample Method : SOP Client Method

Page 3 of 4



Residual Solvents
PASSED



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	500	PASS	ND
ACETONITRILE	6	ppm	60	PASS	<30
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

Analyzed by 850	Weight 0.0217g	Extraction date 01/21/22 04:01:29	Extracted By 850
Analysis Method -SOP.T.40.032		Reviewed On - 01/22/22 11:51:44	
Analytical Batch -DA037246SOL		Instrument Used : DA-GCMS-002	
Running On : 01/22/22 11:30:58		Batch Date : 01/21/22 16:17:06	

Reagent	Dilution	Consums. ID
030420.09	1	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).

Jorge Segredo
 Lab Director

Signature

01/22/22

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 : DA20119007-001

Harvest/Lot ID: A07Y02

Batch# :

BMR0115/GRW0016

Sampled : 01/14/22

Ordered : 01/14/22

Sample Size Received : 28.50 gram

Total Weight/Volume : N/A

Completed : 01/22/22 Expires: 01/22/23

Sample Method : SOP Client Method

Page 4 of 4



Microbials PASSED



Mycotoxins PASSED

Analyte	LOD	Result	Action Level
ESCHERICHIA COLI SHIGELLA SPP		not present in 1 gram.	
SALMONELLA SPECIFIC GENE		not present in 1 gram.	
ASPERGILLUS FLAVUS		not present in 1 gram.	
ASPERGILLUS FUMIGATUS		not present in 1 gram.	
ASPERGILLUS TERREUS		not present in 1 gram.	
ASPERGILLUS NIGER		not present in 1 gram.	
TOTAL YEAST AND MOLD	10	<10 CFU	100000

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041

Analytical Batch -DA037104MIC , DA037106TYM Batch Date : 01/19/22 14:40:30, 01/19/22 14:51:48

Instrument Used : PathogenDx Scanner DA-111,

Running On :

Analyzed by	Weight	Extraction date	Extracted By
1829, 1829	1.1094g	01/19/22 02:01:11	1829, 1829

Dilution

1

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.

Analyte	LOD	Units	Result	Action Level
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A	0.002	ppm	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065

Analytical Batch -DA037069MYC | Reviewed On - 01/20/22 13:22:53

Instrument Used : DA-LCMS-003 (MYC)

Running On : 01/19/22 17:05:33

Batch Date : 01/19/22 10:34:02

Analyzed by	Weight	Extraction date	Extracted By
585	g	01/19/22 03:01:24	585

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T.40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20ug/Kg.



Heavy Metals PASSED

Reagent	Reagent	Reagent	Dilution	Consums. ID
122221.R47	011822.R61	120121.08	100	179436
011822.R60	011822.R07			3146-870-008
122221.R49	010522.R40			12265-115CC
011822.R62	122821.R12			
011822.R08	010522.R39			
011822.R32	021921.13			

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

Analyzed by	Weight	Extraction date	Extracted By
53	0.2436g	01/19/22 03:01:09	1879

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

Analytical Batch -DA037071HEA | Reviewed On - 01/20/22 15:37:04

Instrument Used : DA-ICPMS-003

Running On : 01/20/22 08:52:51

Batch Date : 01/19/22 10:35:56

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.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is a Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Jorge Segredo
Lab Director



01/22/22

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

Signature

Signed On