



Certificate of Analysis

Mar 03, 2021 | Green Roads

601 Fairway Drive, 601 Fairway Drive
Deerfield Beach, Florida, 33441



Sample: DA10225011-001

Harvest/Lot ID: B08X02

Seed to Sale #N/A

Batch Date : 02/03/21

Batch#: BMR0050/GRW0028

Sample Size Received: 34.8 gram

Retail Product Size: 34.8

Ordered : 02/24/21

sampled : 02/24/21

Completed: 03/03/21 Expires: 03/03/22

Sampling Method: SOP Client Method

PASSED

Page 1 of 5

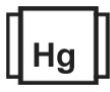
PRODUCT IMAGE



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
0.000%

TOTAL THC/Container : 0.000 mg



Total CBD
2.120%

TOTAL CBD/Container : 737.760 mg



Total Cannabinoids
2.268%

Total Cannabinoids/Container : 789.264 mg

CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
ND	ND	ND	0.148%	2.120%	ND	ND	ND	ND	<0.010	ND
ND	ND	ND	1.480 mg/g	21.200 mg/g	ND	ND	ND	ND	<0.010	ND
LOD 0.001	0.001	0.001	0.001	0.0001	0.001	0.001	0.0001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%

Filtration	PASSED
------------	---------------

Analyzed By	Weight	Extraction date	Extracted By
457	NA	NA	NA
Analyte	LOD	Result	
Filtration and Foreign Material	0.1	ND	
Analysis Method	Batch Date	Reviewed On	
-SOP.T.40.013	02/25/21 09:52:04	02/25/21 12:13:31	
Analytical Batch	Instrument Used		
-DA023005FIL	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	3.1871g	NA	NA
Analysis Method	Reviewed On	Instrument Used	Batch Date
-SOP.T.40.020, SOP.T.30.050	03/01/21 13:22:02	DA-LC-003	02/25/21 10:38:17
Analytical Batch			
-DA023021POT			

Reagent	Dilution	Consums. ID
110220.150	400	287035261
021221.02		11945-019CD-019C
022221.R36		76262-590
022221.R33		914C4-914AK
		929C6-929H

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 an 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 for human safety for consumption and/or inhalation. The result >99% are 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

03/03/2021

Signed On



Certificate of Analysis

PASSED
Green Roads

 601 Fairway Drive, 601 Fairway Drive
 Deerfield Beach, Florida, 33441

Telephone: (954) 609-5537

Email: ashley@greenroads.com

Sample : DA10225011-001

Harvest/LOT ID: B08X02

Batch# : BMR0050/GRW0028

Sampled : 02/24/21

Ordered : 02/24/21

Sample Size Received : 34.8 gram

Completed : 03/03/21 **Expires:** 03/03/22

Sample Method : SOP Client Method

Page 2 of 5



Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
CAMPHENE	0.007	ND	ND		TERPINEOL	0.007	ND	ND	
BETA-MYRCENE	0.007	ND	ND		GERANIOL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	ND	ND		ALPHA-CEDRENE	0.007	ND	ND	
OCIMENE	0.007	ND	ND		ALPHA-HUMULENE	0.007	ND	ND	
EUCALYPTOL	0.007	ND	ND		TRANS-NEROLIDOL	0.007	ND	ND	
LINALOOL	0.007	ND	ND		GUAJOL	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						
CIS-NEROLIDOL	0.007	ND	ND						
CARYOPHYLLENE OXIDE	0.007	ND	ND						
CEDROL	0.007	ND	ND						
FARNESENE	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						
BORNEOL	0.013	ND	ND						
Total (%)		0.000							



Terpenes

TESTED

Analyzed by 1351	Weight 0.982g	Extraction date 02/26/21 12:02:22	Extracted By 1351
----------------------------	-------------------------	---	-----------------------------

Analysis Method -SOP.T.40.090
Analytical Batch -DA023100TER
Instrument Used : DA-GCMS-005
Running On : 03/01/21 12:54:59
Batch Date : 02/26/21 12:44:03

Reviewed On - 03/02/21 10:07:49

Reagent	Dilution	Consums. ID
022221.R08	10	287035261
022221.R09		76262-590
012521.R02		
021521.R11		

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC/MS.



Certificate of Analysis

PASSED
Green Roads

 601 Fairway Drive, 601 Fairway Drive
 Deerfield Beach, Florida, 33441

Telephone: (954) 609-5537

Email: ashley@greenroads.com

Sample : DA10225011-001
Harvest/LOT ID: B08X02
Batch# : BMR0050/GRW0028

Sampled : 02/24/21

Ordered : 02/24/21

Sample Size Received : 34.8 gram

Completed : 03/03/21 **Expires:** 03/03/22

Sample Method : SOP Client Method


Page 3 of 5



Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACEPHATE	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PYRETHRIN I	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PYRETHRIN II	0.01	ppm	1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRINS	0.05	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPINETORAM	0.02	PPM	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPINOSAD (SPINOSYN A)	0.01	ppm	3	ND
BOSCALID	0.01	PPM	3	ND	SPINOSAD (SPINOSYN D)	0.01	ppm	3	ND
CARBARYL	0.05	ppm	0.5	ND	SPIROMESIFEN	0.01	ppm	3	ND
CARBOFURAN	0.01	ppm	0.1	ND	SPIROTRAMAT	0.01	ppm	3	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	THIACLOPRID	0.01	ppm	0.1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	THIAMETHOXAM	0.05	ppm	1	ND
COUMAPHOS	0.01	ppm	0.1	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	PPM	20	ND
DAMINOZIDE	0.01	ppm	0.1	ND	TOTAL DIAZINON	0.01	PPM	0.2	ND
DIAZANON	0.01	ppm	0.2	ND	TOTAL DIMETHOMORPH	0.02	PPM	3	ND
DICHLORVOS	0.01	ppm	0.1	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
DIMETHOATE	0.01	ppm	0.1	ND	TOTAL SPINETORAM	0.02	PPM	3	ND
DIMETHOMORPH	0.02	ppm	3	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
ETOFENPROX	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB)	0.01	PPM	0.2	ND
ETOXAZOLE	0.01	ppm	1.5	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
FENHEXAMID	0.01	ppm	3	ND	CAPTAN *	0.025	PPM	3	ND
FENOXYCARB	0.01	ppm	0.1	ND	CHLORDANE *	0.01	PPM	0.1	ND
FENPYROXIMATE	0.01	ppm	2	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
FIPRONIL	0.01	ppm	0.1	ND	CYFLUTHRIN *	0.01	PPM	1	ND
FLONICAMID	0.01	ppm	2	ND	CYPERMETHRIN *	0.01	PPM	1	ND
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	3	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					


Pesticides

PASSED

Analyzed by 585, 1665	Weight 0.8478g	Extraction date NA	Extracted By NA, 1665
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 Analytical Batch : DA023025PES, DA023068VOL			
Instrument Used : DA-LCMS-003 (PES), DA-GCMS-006 Running On : 03/02/21 11:09:54, 02/26/21 16:30:14		Reviewed On- 02/25/21 12:13:31 Batch Date : 02/25/21 12:33:12	
Reagent 010421.886 123020.830 022021.854 092826.58	Dilution 25	Consums. 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.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 an 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 for human safety for consumption and/or inhalation. The result >99% are 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

03/03/2021

Signed On



Certificate of Analysis

PASSED
Green Roads

 601 Fairway Drive, 601 Fairway Drive
 Deerfield Beach, Florida, 33441

Telephone: (954) 609-5537

Email: ashley@greenroads.com

Sample : DA10225011-001

Harvest/LOT ID: B08X02

Batch# :
 BMR0050/GRW0028

Sampled : 02/24/21

Ordered : 02/24/21

Sample Size Received : 34.8 gram

Completed : 03/03/21 **Expires:** 03/03/22

Sample Method : SOP Client Method

Page 4 of 5

	Residual Solvents	PASSED
--	--------------------------	---------------

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
METHANOL	25	ppm	3000	PASS	ND
ETHANOL	500	ppm	5000	PASS	<2500.000
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
PROPANE	500	ppm	2100	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
XYLENES-M (1,3-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-M&P (1,3&1,4-DIMETHYLBENZENE)	27	ppm	2170	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-P (1,4-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND

	Residual Solvents	PASSED
---	--------------------------	---------------

Analyzed by 850	Weight 0.0235g	Extraction date NA	Extracted By NA
---------------------------	--------------------------	------------------------------	---------------------------

Analysis Method -SOP.T.40.032
Analytical Batch -DA023034SOL
Reviewed On - 02/26/21 14:14:05
Instrument Used : DA-GCMS-002
Running On :
Batch Date : 02/25/21 15:54:27

Reagent	Dilution	Consums. ID
---------	----------	-------------

1

 R2017.179
 G201.162

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).



Certificate of Analysis

PASSED
Green Roads

 601 Fairway Drive, 601 Fairway Drive
 Deerfield Beach, Florida, 33441

Telephone: (954) 609-5537

Email: ashley@greenroads.com

Sample : DA10225011-001

Harvest/LOT ID: B08X02

Batch# : BMR0050/GRW0028

Sampled : 02/24/21

Ordered : 02/24/21

Sample Size Received : 34.8 gram

Completed : 03/03/21 **Expires:** 03/03/22

Sample Method : SOP Client Method

Page 5 of 5

	Microbials	PASSED
--	-------------------	---------------

Analyte	LOD	Result	Analyte	LOD	Units	Result	Action Level (PPM)
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	AFLATOXIN G2	0.002	ppm	ND	0.02
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	AFLATOXIN G1	0.002	ppm	ND	0.02
ASPERGILLUS_FLAVUS		not present in 1 gram.	AFLATOXIN B2	0.002	ppm	ND	0.02
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	AFLATOXIN B1	0.002	ppm	ND	0.02
ASPERGILLUS_TERREUS		not present in 1 gram.	TOTAL OCHRATOXIN A	0.002	PPM	ND	0.02
ASPERGILLUS_NIGER		not present in 1 gram.					
TOTAL YEAST AND MOLD	10	<10 CFU					

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

Analytical Batch -DA023030MIC , DA023032TYM **Batch Date :** 02/25/21, 02/25/21

Instrument Used : PathogenDx Scanner DA-111, PathogenDx Scanner DA-111

Running On : 02/26/21, 02/26/21

Analyzed by	Weight	Extraction date	Extracted By
1829, 1829	1.239g	02/25/21	513,

Reagent

 101420.21
 121420.13

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 detection testing. Testing for these microorganisms may also be analyzed through a culture-based method that employs the use of differentiating plates that are used for the isolation and enumeration of a specific organism or organism groups (Method SOP.T.40.041).

	Mycotoxins	PASSED
---	-------------------	---------------

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

Analytical Batch -DA023026MYC | **Reviewed On** - 03/02/21 21:48:58

Instrument Used :
Running On : 03/02/21 11:09:53

Batch Date : 02/25/21 12:33:59

Analyzed by	Weight	Extraction date	Extracted By
585	NA	02/25/21 01:02:39	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
---	---------------------	---------------

Dilution

100

Metal	LOD	Unit	Result	Action Level (PPM)
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
1022	0.2502g	NA	NA

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

Analytical Batch -DA023003HEA | **Reviewed On** - 02/26/21 13:12:33

Instrument Used : DA-ICPMS-002

Running On : 02/26/21 10:37:25

Batch Date : 02/25/21 09:50:16

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

Jorge Segredo
 Lab Director

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


 Signature

03/03/2021

Signed On