



# Certificate of Analysis

Jan 16, 2020 | Green Roads

601 Fairway Drive Deerfield Beach  
Florida, United States 33441



SAMPLE:DA00114014-001

Harvest/Lot ID: A02W01

Seed to Sale #N/A

Batch Date :N/A

Batch#: BMR0044/19

Sample Size Received: 35.1 gram

Ordered : 01/14/20

Sampled : 01/14/20

Completed: 01/16/20 Expires: 01/16/21

Sampling Method: SOP Client Method

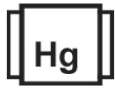
**PASSED**

Page 1 of 4

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

**0.000%**

THC/Container :0.00 mg



Total CBD

**2.186%**

CBD/Container :767.29 mg



Total Cannabinoids

**2.197%**



CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	THCA	D9-THC
ND	ND	0.011 %	ND	ND	ND	ND	ND	2.186 %	ND	ND
ND	ND	0.110 mg/g	ND	ND	ND	ND	ND	21.860 mg/g	ND	ND
0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0001	0.001	0.0001

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
1224	3.0744g	01/14/20	965

Analysis Method -SOP.T.40.020, SOP.T.30.050  
Analytical Batch -DA009378POT Instrument Used : DA-LC-003 Batch Date : 01/14/20

Reagent	Dilution	Consums. ID
123019.R09 011420.R09 011420.R08		76124-662 SFN-BX-1025 849C4-849AK 840C6-840H

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).

**Filtration PASSED**

Analyte	Weight	Extraction date	LOD	Extracted By
584	1g	01/14/20	584	584

Analysis Method -SOP.T.40.013  
Analytical Batch -DA009401FIL  
Instrument Used :  
Batch Date : 01/14/20

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 use for inspection.

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

**Jorge Segredo**  
Lab Director  
State License # n/a  
ISO Accreditation # 97164



Signature

01/16/2020

Signed On



# Certificate of Analysis

**PASSED**

**Green Roads**

601 Fairway Drive Deerfield Beach  
Florida, United States 33441

**Telephone:** (954) 609-5537

**Email:** aa@forceinvestments.com

**Sample :** DA00114014-001  
**Harvest/LOT ID:** A02W01


**Batch# :** BMR0044/19 **Sample Size received :** 35.1 gram  
**Sampled :** 01/14/20 **Completed :** 01/16/20 **Expires :** 01/16/21  
**Ordered :** 01/14/20 **Sample Method :** SOP Client Method

**Page 2 of 4**



**Pesticides**
**PASSED**

Pesticides	LOD	Action Level	Units	Result	Pesticides	LOD	Action Level	Units	Result
CHLORDANE	0.005	0.1	ppm	ND	METHOMYL	0.01	0.1	ppm	ND
CAPTAN	0.05	3	ppm	ND	KRESOXIM-METHYL	0.01	1	ppm	ND
BOSCALID	0.01	3	PPM	ND	DIAZANON	0.01	0.2	ppm	ND
DIMETHOATE	0.01	0.1	ppm	ND	CYPERMETHRIN	0.01	1	ppm	ND
AZOXYSTROBIN	0.01	3	ppm	ND	MEVINPHOS	0.01	0.1	ppm	ND
ABAMECTIN B1A	0.02	0.3	ppm	ND	MYCLOBUTANIL	0.01	3	ppm	ND
CIS-PERMETHRIN	0.05	1	ppm	ND	NALED	0.01	0.5	ppm	ND
SPINETORAM	0.01	3	PPM	ND	OXAMYL	0.01	0.5	ppm	ND
ACEPHATE	0.001	3	ppm	ND	PACLOBUTRAZOL	0.01	0.1	ppm	ND
FENOXYCARB	0.01	0.1	ppm	ND	TRANS-PERMETHRIN	0.05	1	ppm	ND
DIMETHOMORPH	0.005	3	ppm	ND	PHOSMET	0.01	0.2	ppm	ND
BIFENAZATE	0.01	3	ppm	ND	PIPERONYL BUTOXIDE	0.01	3	ppm	ND
ETHOPROPHOS	0.01	0.1	ppm	ND	PRALLETHRIN	0.05	0.4	ppm	ND
ACEQUINOCYL	0.01	2	ppm	ND	PROPICONAZOLE	0.01	1	ppm	ND
ACETAMIPRID	0.01	3	ppm	ND	PROPOXUR	0.01	0.1	ppm	ND
ETOFENPROX	0.01	0.1	ppm	ND	PYRETHRIN I	0.01	1	ppm	ND
BIFENTHRIN	0.01	0.5	ppm	ND	PYRIDABEN	0.01	3	ppm	ND
ALDICARB	0.02	0.1	ppm	ND	SPINOSAD (SPINOSYN A)	0.01	3	ppm	ND
ETOXAZOLE	0.01	1.5	ppm	ND	SPINOSAD (SPINOSYN D)	0.01	3	ppm	ND
FENPYROXIMATE	0.01	2	ppm	ND	SPIROMESIFEN	0.01	3	ppm	ND
FIPRONIL	0.02	0.1	ppm	ND	SPIROTETRAMAT	0.02	3	ppm	ND
FENHEXAMID	0.01	3	ppm	ND	SPIROXAMINE	0.01	0.1	ppm	ND
CARBARYL	0.01	0.5	ppm	ND	TEBUCONAZOLE	0.01	1	ppm	ND
CARBOFURAN	0.01	0.1	ppm	ND	THIACLOPRID	0.01	0.1	ppm	ND
FLONICAMID	0.01	2	ppm	ND	THIAMETHOXAM	0.01	1	ppm	ND
FLUDIOXONIL	0.01	3	ppm	ND	TRIFLOXYSTROBIN	0.01	3	ppm	ND
CHLORFENAPYR	0.01	0.1	ppm	ND					
CHLORANTRANILIPROLE	0.01	3	ppm	ND					
HEXYTHIAZOX	0.01	2	ppm	ND					
CHLORPYRIFOS	0.01	0.1	ppm	ND					
IMAZALIL	0.01	0.1	ppm	ND					
MALATHION	0.01	2	ppm	ND					
CLOFENTEZINE	0.01	0.5	ppm	ND					
DAMINOZIDE	0.02	0.1	ppm	ND					
IMIDACLOPRID	0.01	3	ppm	ND					
METALAXYL	0.01	3	ppm	ND					
DICHLORVOS	0.05	0.1	ppm	ND					
METHIOCARB	0.01	0.1	ppm	ND					
COUMAPHOS	0.005	0.1	ppm	ND					


**Pesticides**
PASSED

<b>Analyzed by</b> 585	<b>Weight</b> 1.0419g	<b>Extraction date</b> 01/14/20	<b>Extracted By</b> 1082
<b>Analysis Method</b> -SOP.T.30.065, SOP.T.40.065			
<b>Analytical Batch</b> - DA009355PES			
<b>Instrument Used</b> : LCMS E-SHI-039			
<b>Batch Date</b> : 01/13/20			
<b>Reagent</b> <small>101513.04 010220.N05 010220.N06</small>	<b>Dilution</b>	<b>Consums. ID</b> 180711	
SOP.T.30.065, SOP.T.40.065			

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

**Jorge Segredo**  
Lab Director  
State License # n/a  
ISO Accreditation # 97164



Signature

01/16/2020

Signed On



# Certificate of Analysis

**PASSED**

**Green Roads**

601 Fairway Drive Deerfield Beach  
Florida, United States 33441

**Telephone:** (954) 609-5537

**Email:** aa@forceinvestments.com

**Sample :** DA00114014-001  
**Harvest/LOT ID:** A02W01

**Batch# :** BMR0044/19 **Sample Size received :** 35.1 gram  
**Sampled :** 01/14/20 **Completed :** 01/16/20 **Expires :** 01/16/21  
**Ordered :** 01/14/20 **Sample Method :** SOP Client Method

**Page 3 of 4**

**Residual Solvents** PASSED

**Residual Solvents** PASSED

SOLVENT	LOD	ACTION LEVEL (PPM)	PASS/FAIL	RESULT
PROPANE	120	2100	PASS	ND
BUTANES (N-BUTANE)	96	2000	PASS	ND
ETHYLENE OXIDE	0.6	5	PASS	ND
METHANOL	22.5	250	PASS	ND
ETHANOL	90	5000	PASS	4412.582
PENTANES (N-PENTANE)	67.5	750	PASS	ND
ETHYL ETHER	45	500	PASS	ND
ACETONE	67.5	750	PASS	ND
2-PROPANOL	45	500	PASS	ND
ACETONITRILE	5.4	60	PASS	ND
DICHLOROMETHANE	11.25	125	PASS	ND
N-HEXANE	4.5	250	PASS	ND
ETHYL ACETATE	36	400	PASS	ND
BENZENE	0.09	1	PASS	ND
HEPTANE	45	500	PASS	ND
TOLUENE	13.5	150	PASS	ND
CHLOROFORM	0.18	2	PASS	ND
1,2-DICHLOROETHANE	0.18	2	PASS	ND
TRICHLOROETHYLENE	2.25	25	PASS	ND
1,1-DICHLOROETHENE	1	8	PASS	ND
TOTAL XYLENES	13.5	150	PASS	ND

**Analyzed by** 850 **Weight** 0.0285g **Extraction date** 01/14/20 **Extracted By** 850

**Analysis Method -SOP.T.40.032**  
**Analytical Batch -DA009408SOL**  
**Instrument Used : Headspace GCMS**  
**Batch Date : 01/14/20**

Reagent	Dilution	Consums. ID
	1	00276446 161040-1 24152436

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 34 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).

Signature

01/16/2020

Signed On





# Certificate of Analysis

**PASSED**

**Green Roads**

601 Fairway Drive Deerfield Beach  
Florida, United States 33441

Telephone: (954) 609-5537

Email: aa@forceinvestments.com

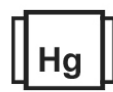
Sample : DA00114014-001  
Harvest/LOT ID: A02W01

Batch# : BMR0044/19 Sample Size received : 35.1 gram  
Sampled : 01/14/20 Completed : 01/16/20 Expires : 01/16/21  
Ordered : 01/14/20 Sample Method : SOP Client Method

Page 4 of 4



**Mycotoxins** **PASSED**



**Heavy Metals** **PASSED**

Analyte	LOD	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ND	
AFLATOXIN G1	0.002	ND	
AFLATOXIN B2	0.002	ND	
AFLATOXIN B1	0.002	ND	
OCHRATOXIN A+	0.002	ND	0.02
TOTAL AFLATOXINS	0.02	ND	0.02

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

Analytical Batch -DA009357

Instrument Used : LCMS E-SHI-039

Batch Date : 01/13/20

Analyzed by 585 Weight 1g Extraction date NA Extracted By NA



**Microbials** **PASSED**

Analyte	LOD	Result
ASPERGILLUS_FLAVUS	10000	not present in 1 gram.
ASPERGILLUS_FUMIGATUS	10000	not present in 1 gram.
ASPERGILLUS_NIGER	10000	not present in 1 gram.
ASPERGILLUS_TERREUS	10000	not present in 1 gram.
ESCHERICHIA_COLI_SHIGELLA_SPP	10000	not present in 1 gram.
SALMONELLA_SPECIFIC_GENE	10000	not present in 1 gram.

Analysis Method -SOP.T.40.043

Analytical Batch -DA009380MIC

Instrument Used : PathogenDX PCR\_Array Scanner

Batch Date : 01/14/20

Analyzed by 513 Weight 1.0058g Extraction date 01/14/20 Extracted By 513

Reagent	Dilution	Consums. ID
010220.R09	50	
011320.R04		
010620.R02		
010920.R01		
011020.R13		
010220.R04		
111319.01		
010920.R18		
010920.R19		

Metal	LOD	Result	Action Level (PPM)
ARSENIC	0.01	ND	1.5
CADMIUM	0.01	ND	0.5
LEAD	0.01	ND	0.5
MERCURY	0.01	ND	3

Analyzed by 396 Weight 0.2678g Extraction date 01/14/20 Extracted By 457

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

Analytical Batch -DA009386HEA

Instrument Used : ICPMS-2030

Batch Date : 01/14/20

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 # n/a  
ISO Accreditation # 97164

Signature

01/16/2020

Signed On