



Certificate of Analysis

Nov 11, 2021 | Green Roads

601 Fairway Dr
DEERFIELD BEACH, FL, 33441, US



Sample: DA11104013-002

Harvest/Lot ID: L02X03

Batch#: BLK110002

Seed to Sale# N/A

Batch Date: 10/05/21

Sample Size Received: 19.50 gram

Total Weight/Volume: N/A

Retail Product Size: 19.50 gram

Ordered : 11/02/21

sampled : 11/02/21

Completed: 11/08/21

Sampling Method: SOP Client Method

PASSED

Page 1 of 4

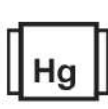
PRODUCT IMAGE



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

CANNABINOID RESULTS



Total THC

0.000%

TOTAL THC/Container : 0 mg



Total CBD

4.286%

TOTAL CBD/Container : 835.77 mg



Total Cannabinoids

4.301%

Total Cannabinoids/Container : 838.695 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0.015	ND	ND	ND	4.286	ND	ND	ND	ND	ND	ND
mg/g	0.15	ND	ND	ND	42.86	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
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Analyzed By	Weight	Extraction date	Extracted By
1879	NA	11/05/21	457
Analyte	LOD	Result	
Filtration and Foreign Material	0.1	ND	
Analysis Method -SOP.T.40.013	Batch Date : 11/04/21 10:25:47		
Analytical Batch -DA033591FIL	Reviewed On - 11/04/21 16:51:35		
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 5H-2B/T Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	2.0306g	11/04/21 02:11:41	2198
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 11/05/21 15:02:16	Batch Date : 11/04/21 10:41:06
Analytical Batch -DA033598POT	Instrument Used : DA-LC-003 (Edibles)	Running On : 11/04/21 20:41:41	

Reagent	Dilution	Consumers. ID
110121.R32	40	CE0123
100521.S5		287035261
110121.R31		11945-019CD-019C
062121.S5		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).

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Jorge Segredo
Lab Director

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


Signature

11/08/21

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 : DA11104013-002

Harvest/LOT ID: L02X03

Batch# : BLK110002

Sampled : 11/02/21

Ordered : 11/02/21

Sample Size Received : 19.50 gram

Total Weight/Volume : N/A

Completed : 11/08/21 **Expires:** 11/08/22

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	PROPICONAZOLE	0.01	ppm	1	ND
ACEPHATE	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ACEQUINOCL	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	SPIROTETRAMAT	0.01	ppm	3	ND
CHLORANTRANILPROLE	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
CLOFENTHIZINE	0.02	ppm	0.5	ND	THIAMETHOXAM	0.05	ppm	1	ND
COUMAPHOS	0.01	ppm	0.1	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.005	PPM		ND
DAMINOZIDE	0.01	ppm	0.1	ND	TOTAL DIMETHOMORPH	0.02	PPM	3	ND
DIAZINON	0.01	ppm	3	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
DICHLORVOS	0.01	ppm	0.1	ND	TOTAL SPINETORAM	0.02	PPM	3	ND
DIMETHOATE	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
DIMETHOMORPH	0.02	ppm	3	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
ETOFENPROX	0.01	ppm	0.1	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
ETOXAZOLE	0.01	ppm	1.5	ND	CAPTAN *	0.025	PPM	3	ND
FENHEXAMID	0.01	ppm	3	ND	CHLORDANE *	0.01	PPM	0.1	ND
FENOXYCARB	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
FENPYROXIMATE	0.01	ppm	2	ND	CYFLUTHRIN *	0.01	PPM	1	ND
FIPRONIL	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	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	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	Weight	Extraction date	Extracted By
Analyzed by 585, 1665	1.1522g	11/04/21 03:11:37	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.T.40.070			
Analytical Batch - DA033509PES, DA033562VOL			
Instrument Used : DA-LCMS-003 (PES), DA-GCMS-001			
Running On : 11/03/21 17:28:38, 11/04/21 16:46:59			
Reagent		Dilution	Consums. ID
110321.R28		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.			

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Jorge Segredo
 Lab Director

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


 Signature

11/08/21

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 : DA11104013-002

Harvest/LOT ID: L02X03

Batch# : BLK110002

Sampled : 11/02/21

Ordered : 11/02/21

Sample Size Received : 19.50 gram

Total Weight/Volume : N/A

Completed : 11/08/21 **Expires:** 11/08/22

Sample Method : SOP Client Method

Page 3 of 4

	Residual Solvents	PASSED
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	Residual Solvents	PASSED
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Solvent	LOD	Units	Action Level	Pass/Fail	Result
METHANOL	25	ppm	3000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
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

Analyzed by	Weight	Extraction date	Extracted By
850	0.029g	NA	NA
Analysis Method -SOP.T.40.032 Analytical Batch -DA033623SOL Instrument Used : DA-GCMS-002 Running On : 11/04/21 16:33:22 Batch Date : 11/04/21 16:27:16			
Reviewed On - 11/05/21 16:53:21			

Reagent	Dilution	Consums. ID
030420.09	1	R2017.271 G201.062

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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Sample : DA11104013-002

Harvest/LOT ID: L02X03

Batch# : BLK110002

Sampled : 11/02/21

Ordered : 11/02/21

Sample Size Received : 19.50 gram

Total Weight/Volume : N/A

Completed : 11/08/21 **Expires:** 11/08/22

Sample Method : SOP Client Method

Page 4 of 4

	Microbials	PASSED
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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 -DA033560MIC , DA033626TYM Batch Date : 11/04/21 09:30:43, 11/04/21 17:50:10
Instrument Used : PathogenDx Scanner DA-111, Running On :

Analyzed by	Weight	Extraction date	Extracted By
1829, 1829	1.0525g	11/04/21 05:11:33	2682, 2682

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.

	Mycotoxins	PASSED
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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 -DA033510MYC | Reviewed On - 11/05/21 10:51:35
Instrument Used : DA-LCMS-003 (MYC)
Running On : 11/03/21 17:28:54
Batch Date : 11/03/21 10:31:08

Analyzed by	Weight	Extraction date	Extracted By
585	g	11/04/21 01:11:56	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
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Reagent	Reagent	Dilution	Consums. ID
100121.06	102921.R37	100	179436
102921.R27	110321.R32		3146-870-008
102621.R48	110321.R33		12265-115CC
101421.R04	102621.R01		
102621.R47	102921.R36		
110321.R34	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
1022	0.2452g	11/04/21 04:11:07	1022

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051
Analytical Batch -DA033568HEA | Reviewed On - 11/05/21 16:26:35
Instrument Used : DA-ICPMS-003
Running On : 11/05/21 10:39:40
Batch Date : 11/04/21 09:52:44

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.