



Certificate of Analysis

Sample: DA00612007-005
Harvest/Lot ID: GR130FV
Cultivation Facility: N/A
Processing Facility: N/A
Seed to Sale #n/a
Batch Date :06/11/20
Batch#: GR130FV
Sample Size Received: 71 gram
Retail Product Size: 71
Ordered : 06/11/20
Sampled : 06/11/20
Completed: 06/19/20 Expires: 06/19/21
Sampling Method: SOP.T.20.010

Jun 19, 2020 | Green Roads

5150 SW 48TH WAY
DAVIE, FL, 33314, USA

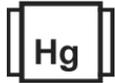


PASSED
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PRODUCT IMAGE SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
NOT TESTED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC
0.000%
THC/Container :0.000 mg



Total CBD
0.012%
CBD/Container :8.520 mg



Total Cannabinoids
0.217%
Total Cannabinoids/Container :154.070 mg

CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
ND	0.186%	0.019%	ND	ND	ND	ND	ND	0.012%	ND	ND
ND	1.860 mg/g	0.190 mg/g	ND	ND	ND	ND	ND	0.120 mg/g	ND	ND
LOD 0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.0001 %	0.0001 %	0.001 %

Cannabinoid Profile Test

Analyzed by 574	Weight 3.0228g	Extraction date : 06/12/20 01:06:36	Extracted By : 965
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 06/15/20 11:23:26	
Analytical Batch -DA013136POT Instrument Used : DA-LC-001		Batch Date : 06/12/20 12:45:46	
Reagent 121019.42	Dilution 400	Consums. ID 280678841 918C4-918J 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 # n/a
ISO Accreditation # 97164



Signature

06/19/2020

Signed On



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PASSED

Green Roads

5150 SW 48TH WAY
DAVIE, FL, 33314, USA

Telephone: (844) 747-3367

Email: LAURA@GREENROADSWORLD.COM

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Harvest/LOT ID: GR130FV

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Sample Method : SOP.T.20.010

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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PRALLETHRIN	0.01	ppm	0.4	ND
ACEPHATE	0.01	ppm	3	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PROPOXUR	0.01	ppm	0.1	ND
ACETAMIPRID	0.01	ppm	3	ND	PYRETHRINS	0.05	ppm	1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRIDABEN	0.02	ppm	3	ND
AZOXYSTROBIN	0.01	ppm	3	ND	SPINETORAM	0.02	PPM	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPIROMESIFEN	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPIROTETRAMAT	0.01	ppm	3	ND
BOSCALID	0.01	PPM	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CARBARYL	0.05	ppm	0.5	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CARBOFURAN	0.01	ppm	0.1	ND	THIACLOPRID	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	THIAMETHOXAM	0.05	ppm	1	ND
CHLORMEQUAT CHLORIDE	0.05	ppm	3	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	20	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
COUMAPHOS	0.01	ppm	0.1	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
DAMINOZIDE	0.01	ppm	0.1	ND					
DIAZANON	0.01	ppm	0.2	ND					
DICHLORVOS	0.01	ppm	0.1	ND					
DIMETHOATE	0.01	ppm	0.1	ND					
DIMETHOMORPH	0.02	ppm	3	ND					
ETHOPROPHOS	0.01	ppm	0.1	ND					
ETOFENPROX	0.01	ppm	0.1	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	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					
METHYL PARATHION	0.005	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	0.1	ppm	3	ND					



Pesticides

PASSED

Analyzed by 585 , 795	Weight 1.0174g	Extraction date 06/12/20 02:06:07	Extracted By 585 , 795
Analysis Method - SOP.T.30.065, SOP.T.40.065 , SOP.T.30.065, SOP.T40.070			
Analytical Batch - DA013096PES , DA013142VOL			
Instrument Used - DA-LCMS-001 FLO (PES) , DA-GCMS-001			
Batch Date : 06/11/20 09:18:48			

Reagent 050820.04 061020.020 061020.021 070920.00 060520.017	Dilution 10	Consums. ID 280678841 76262-590
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Pesticide screen is performed using LC-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 SOP.T40.065 Procedure for Pesticide Quantification Using LCMS). * 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



06/19/2020

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ISO Accreditation # 97164

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PASSED
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Telephone: (844) 747-3367

Email: LAURA@GREENROADSWORLD.COM

Sample : DA00612007-005

Harvest/LOT ID: GR130FV

Batch# : GR130FV

Sampled : 06/11/20

Ordered : 06/11/20

Sample Size Received : 71 gram

Completed : 06/19/20 **Expires:** 06/19/21

Sample Method : SOP.T.20.010

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Residual Solvents

PASSED



Residual Solvents

PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
ETHANOL	500	ppm		PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	250	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

Analyzed by 850	Weight 0.0208g	Extraction date 06/12/20 02:06:08	Extracted By 850
Analysis Method -SOP.T.40.032		Reviewed On - 06/15/20 15:14:16	
Analytical Batch -DA013140SOL			
Instrument Used : DA-GCMS-002			
Batch Date : 06/12/20 14:02:19			

Reagent	Dilution	Consums. ID
	1	00279984
		161291-1
		24154107

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.30.032 Residual Solvents Analysis via GC-MS).

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Jorge Segredo
 Lab Director

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Signature

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PASSED

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Email: LAURA@GREENROADSWORLD.COM

Sample : DA00612007-005

Harvest/LOT ID: GR130FV

Batch# : GR130FV

Sampled : 06/11/20

Ordered : 06/11/20

Sample Size Received : 71 gram

Completed : 06/19/20 Expires: 06/19/21

Sample Method : SOP.T.20.010

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Mycotoxins
PASSED

Analyte	LOD	Units	Result	Action Level (PPM)
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 -DA013097MYC | Reviewed On - 06/16/20 11:01:10
 Instrument Used : DA-LCMS-001_FLO (MYC)
 Batch Date : 06/11/20 09:19:45

Analyzed by	Weight	Extraction date	Extracted By
585	1g	06/12/20 03:06:48	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 <20µg/Kg.

Reagent	Reagent	Consums. ID
052720.182	052720.248	181207119C
052720.192		918C4-918J
052720.209		914C4-914AK
052720.154		929C6-929H
052720.158		50AX26219
052720.163		19323
052720.85		23819111
052720.118		190827060
052720.217		
042920.234		
042920.250		
042920.93		
042920.261		
052720.30		
052720.246		

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.



Microbials
PASSED

Analyte	Result
ASPERGILLUS_FLAVUS	not present in 1 gram.
ASPERGILLUS_FUMIGATUS	not present in 1 gram.
ASPERGILLUS_NIGER	not present in 1 gram.
ASPERGILLUS_TERREUS	not present in 1 gram.
ESCHERICHIA_COLI_SHIGELLA_SPP	not present in 1 gram.
SALMONELLA_SPECIFIC_GENE	not present in 1 gram.
TOTAL_YEAST_AND_MOLD	<100

Analysis Method -SOP.T.40.043 / SOP.T.40.045
 Analytical Batch -DA013127MIC | Reviewed On - 06/17/20 13:00:44
 Instrument Used : PathogenDX PCR_Array Scanner DA-111,PathogenDX PCR_DA-171
 Batch Date : 06/12/20 10:08:52

Analyzed by	Weight	Extraction date	Extracted By
513	1.0528g	06/12/20 11:06:47	1082

Reagent	Dilution	Consums. ID
052620.14		181019-274



Heavy Metals
PASSED

Reagent	Reagent	Consums. ID
061220.R01	061120.R01	89401-566
030920.02	061020.R13	
060820.R01	060120.R01	
061220.R02	060920.R02	
060820.R02		
061120.R02		

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

Analyzed by	Weight	Extraction date	Extracted By
53	0.2392g	06/12/20 01:06:35	1022

Analysis Method -SOP.T.40.050, SOP.T.30.052
 Analytical Batch -DA013125HEA | Reviewed On - 06/15/20 15:58:34
 Instrument Used : DA-ICPMS-002
 Batch Date : 06/12/20 10:02:00

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.

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