



Certificate of Analysis

Sample: DA00729009-001

Harvest/Lot ID: K03V02

Cultivation Facility: N/A

Processing Facility: N/A

Seed to Sale #n/a

Batch Date : 07/06/20

Batch#: K03V02

Sample Size Received: 30 ml

Retail Product Size: 30 ml

Ordered : 07/27/20

Sampled : 07/06/20

Completed: 08/04/20 Expires: 08/04/21

Sampling Method: SOP.T.20.010

PASSED

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Aug 04, 2020 | Green Roads

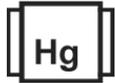
5150 SW 48TH WAY
DAVIE, FL, 33314, US



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
0.194%
CBD/Container :55.872 mg



Total Cannabinoids
0.194%
Total Cannabinoids/Container :55.872 mg



	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
	ND	0.194%	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	1.940 mg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOD	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.0001	0.001	0.001	0.001
	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	3.0135g	07/29/20 12:07:31	965
Analytical Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 07/31/20 16:30:49	
Analytical Batch -DA014376POT Instrument Used : DA-LC-003		Batch Date : 07/29/20 12:28:13	
Reagent	Dilution	Consumers. ID	
061220.24 072320.R14 072320.R13	400	280650306 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 # CMTL-0002
ISO Accreditation # 97164



Signature

08/04/2020

Signed On



Certificate of Analysis

PASSED

Green Roads

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

Telephone: (844) 747-3367

Email: LAURA@GREENROADSWORLD.COM

Sample : DA00729009-001

Harvest/LOT ID: K03V02

Batch# : K03V02

Sampled : 07/06/20

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Sample Size Received : 30 ml

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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	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	PYRETHRINS	0.05	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND	SPINETORAM	0.02	PPM	3	ND
AZOXYSTROBIN	0.01	ppm	3	ND	SPIROMESIFEN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPIROXAMINE	0.01	ppm	0.1	ND
BOSCALID	0.01	PPM	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CARBARYL	0.05	ppm	0.5	ND	THIACLOPRID	0.01	ppm	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	1	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	20	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	TOTAL PERMETHRIN	0.01	ppm	1	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	CHLORDANE *	0.01	PPM	0.1	ND
DAMINOZIDE	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
DIAZANON	0.01	ppm	0.2	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
DICHLORVOS	0.01	ppm	0.1	ND	CAPTAN *	0.025	PPM	3	ND
DIMETHOATE	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
DIMETHOMORPH	0.02	ppm	3	ND	CYFLUTHRIN *	0.01	PPM	1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	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					
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					
PRALLETHRIN	0.01	ppm	0.4	ND					

Pesticides PASSED

Analyzed by **585 , 1665** Weight 1.0492g Extraction date 07/29/20 06:07:50 Extracted By 585 , 1665

Analysis Method - SOP.T.30.065, SOP.T.40.065 , SOP.T.30.065, SOP.T40.070
Analytical Batch - DA014225PES , DA014380VOL
Instrument Used : DA-LCMS-001_DER (PES) , DA-GCMS-007
Batch Date : 07/23/20 10:05:37

Reagent	Dilution	Consums. ID
041420.11 070620.02 072720.R10 072720.R11 072920.R03	10	280678841 76262-590

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

State License # CMTL-0002
ISO Accreditation # 97164



Signature

08/04/2020

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Certificate of Analysis

PASSED

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DAVIE, FL, 33314, US
Telephone: (844) 747-3367
Email: LAURA@GREENROADSWORLD.COM

Sample : DA00729009-001
Harvest/LOT ID: K03V02

Batch# : K03V02
Sampled : 07/06/20
Ordered : 07/27/20

Sample Size Received : 30 ml
Completed : 08/04/20 Expires: 08/04/21
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	5000	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: 0.0221g Extraction date: 08/03/20 03:08:28 Extracted By: 850

Analysis Method -SOP.T.40.032
Analytical Batch -DA014483SOL Reviewed On - 08/04/20 15:18:42
Instrument Used : DA-GCMS-002
Batch Date : 08/03/20 14:48:12

Reagent	Dilution	Consums. ID
	1	H2017.077 00279984 161291-1

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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Jorge Segredo
Lab Director



Signature

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PASSED

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Email: LAURA@GREENROADSWORLD.COM

Sample : DA00729009-001
Harvest/LOT ID: K03V02

Batch# : K03V02
Sampled : 07/06/20
Ordered : 07/27/20

Sample Size Received : 30 ml
Completed : 08/04/20 Expires: 08/04/21
Sample Method : SOP.T.20.010

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Microbials

PASSED



Mycotoxins

PASSED

Analyte	Result	LOD	Units	Result	Action Level (PPM)
ASPERGILLUS_FLAVUS	not present in 1 gram.	0.002	ppm	ND	0.02
ASPERGILLUS_FUMIGATUS	not present in 1 gram.	0.002	ppm	ND	0.02
ASPERGILLUS_NIGER	not present in 1 gram.	0.002	ppm	ND	0.02
ASPERGILLUS_TERREUS	not present in 1 gram.	0.002	ppm	ND	0.02
ESCHERICHIA_COLI_SHIGELLA_SPP	not present in 1 gram.	0.002	ppm	ND	0.02
SALMONELLA_SPECIFIC_GENE	not present in 1 gram.	0.002	ppm	ND	0.02
TOTAL YEAST AND MOLD	< 100 CFU				

Analysis Method -SOP.T.40.043 / SOP.T.40.044
Analytical Batch -DA014369MIC , DA014377TYM Batch Date : 07/29/20, 07/29/20
Instrument Used : PathogenDX PCR_Array Scanner DA-111, PathogenDX PCR_DA-171, PathogenDX PCR_Array Scanner DA-111

Analyzed by	Weight	Extraction date	Extracted By
513, 513	1.0666g	07/29/20	513, 513

Reagent	Consums. ID	Consums. ID
062220.04	181019-274	19323
101619.01	SG298A	080717
	181207119C	190827060
	918C4-918J	850C6-850H
	914C4-914AK	
	50AX30819	

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.

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA014226MYC | Reviewed On - 07/30/20 14:11:55
Instrument Used : DA-LCMS-001_DER (MYC)
Batch Date : 07/23/20 10:07:25

Analyzed by	Weight	Extraction date	Extracted By
585	1g	07/29/20 06:07:46	585

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 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.



Heavy Metals

PASSED

Reagent	Reagent	Dilution	Consums. ID
071720.R04	072220.R01	100	89401-566
072420.R16	071420.R15		
030920.02	071720.R02		
072720.R02	022520.02		
072020.R01	030420.06		
072420.R01	070120.01		

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	0.2550g	07/29/20 04:07:31	1022

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA014340HEA | Reviewed On - 07/31/20 12:29:19
Instrument Used : DA-ICPMS-001
Batch Date : 07/28/20 09:49:26

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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