



Certificate of Analysis

Sample: DA00826020-001

Harvest/Lot ID: K03V01

Seed to Sale #N/A

Batch Date : 08/25/20

Batch#: K03V01

Sample Size Received: 60 ml

Retail Product Size: 30

Ordered : 08/25/20

Sampled : 08/25/20

Completed: 09/01/20 Expires: 09/01/21

Sampling Method: SOP Client Method

PASSED

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Sep 01, 2020 | Green Roads

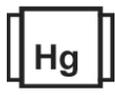
5150 SW 48TH WAY
DAVIE, FL, 33314, US



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
0.203%

CBD/Container : 58.464 mg



Total Cannabinoids
0.203%

Total Cannabinoids/Container
: 58.464 mg

	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
	ND	0.203%	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	2.029 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	0.001	0.0001	0.001	0.001
	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by 450	Weight 3.0132g	Extraction date : 08/26/20 05:08:18	Extracted By : 574
Analysis Method - SOP.T.40.020, SOP.T.30.050		Reviewed On - 08/31/20 15:06:12	
Analytical Batch - DA015123POT Instrument Used : DA-LC-003		Batch Date : 08/26/20 13:06:46	

Reagent	Dilution	Consums. ID
061220.21	40	181019-274
081420.R03		918C4-918J
082720.R16		914C4-914AK
082720.R15		929C6-929H
		76262-590

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

09/01/2020

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 : DA00826020-001

Harvest/LOT ID: K03V01

Batch# : K03V01

Sampled : 08/25/20

Ordered : 08/25/20

Sample Size Received : 60 ml

Completed : 09/01/20 Expires: 09/01/21

Sample Method : SOP Client Method

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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	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
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	PPM	20	ND
DAMINOZIDE	0.01	ppm	0.1	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
DIAZANON	0.01	ppm	0.2	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
DICHLORVOS	0.01	ppm	0.1	ND	TRIFLOXYSTROBIN	0.01	ppm	3	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					
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	Weight 1.0583g	Extraction date 08/26/20 04:08:24	Extracted By 585
Analysis Method - SOP.T.30.065, SOP.T.40.065 , SOP.T.30.065, SOP.T40.070			
Analytical Batch - DA014974PES			
Instrument Used : DA-LCMS-002_DER (PES)			
Batch Date : 08/21/20 11:01:17			

Reagent <small>080326.02 070620.02</small>	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

State License # CMTL-0002
ISO Accreditation # 97164



Signature

09/01/2020

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 : DA00826020-001
Harvest/LOT ID: K03V01

Batch# : K03V01
Sampled : 08/25/20
Ordered : 08/25/20

Sample Size Received : 60 ml
Completed : 09/01/20 Expires: 09/01/21
Sample Method : SOP Client Method

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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	5	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
PROPANE	500	ppm	2100	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	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 850 Weight 0.0252g Extraction date 08/28/20 02:08:19 Extracted By 850

Analysis Method -SOP.T.40.032
Analytical Batch -DA015166SOL Reviewed On - 08/31/20 16:30:09
Instrument Used : DA-GCMS-002
Batch Date : 08/27/20 17:09:51

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



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Certificate of Analysis

PASSED

Green Roads

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

Sample : DA00826020-001
Harvest/LOT ID: K03V01

Batch# : K03V01
Sampled : 08/25/20
Ordered : 08/25/20

Sample Size Received : 60 ml
Completed : 09/01/20 Expires: 09/01/21
Sample Method : SOP Client Method

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Microbials PASSED



Mycotoxins PASSED

Analyte

ASPERGILLUS_FLAVUS
ASPERGILLUS_FUMIGATUS
ASPERGILLUS_NIGER
ASPERGILLUS_TERREUS
ESCHERICHIA_COLI_SHIGELLA_SPP
SALMONELLA_SPECIFIC_GENE
TOTAL YEAST AND MOLD

Result Analyte

not present in 1 gram.
< 100 CFU

LOD	Units	Result	Action Level (PPM)
0.002	ppm	ND	0.02
0.002	ppm	ND	0.02
0.002	ppm	ND	0.02
0.002	ppm	ND	0.02
0.002	ppm	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA014975MYC | Reviewed On - 09/01/20 15:11:08
Instrument Used : DA-LCMS-002_DER (MYC)
Batch Date : 08/21/20 11:04:23

Analysis Method -SOP.T.40.043 / SOP.T.40.044
Analytical Batch -DA015114MIC , DA015117TYM Batch Date : 08/26/20, 08/26/20
Instrument Used : PathogenDX PCR Array Scanner DA-111,PathogenDX PCR_DA-010,
DA-111 PathogenDx Scanner,DA-089 Mini-amp Thermocycler

Analyzed by	Weight	Extraction date	Extracted By
513, 513	1.0502g	08/26/20	513, 513

Analyzed by	Weight	Extraction date	Extracted By
585	1g	08/26/20 05:08:49	585

Reagent	Consums. ID	Consums. ID	Consums. ID	Consums. ID
071020.08	181019-274	50AX30819	A06	2808006
101519.09	SG298A	850C6-850H	2807008	2811017
	11989-024CC-024	19423	2809005	001001
	181207119C	080717	2810014D	001001
	918C4-918J	2802019	029	001001
	914C4-914AK	2803029	2804026	

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.

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.



Heavy Metals PASSED

Reagent	Reagent	Dilution	Consums. ID
082420.R01	082420.R15	100	89401-566
082520.R13	082420.R18		
071320.08	080420.R01		
082420.R03	022520.02		
082420.R17	030420.06		
082420.R16	080120.01		

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	0.2602g	08/27/20 11:08:14	1783

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA015133HEA | Reviewed On - 08/31/20 11:30:44
Instrument Used : DA-GCMS-001
Batch Date : 08/26/20 14:17:17

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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