



Certificate of Analysis

Sample: DA00717008-002
Harvest/Lot ID: J26V01
Cultivation Facility: N/A
Processing Facility: N/A
Seed to Sale #n/a
Batch Date :07/16/20
Batch#: J26V01
Sample Size Received: 30 ml
Retail Product Size: 30 ml
Ordered : 07/16/20
Sampled : 07/16/20
Completed: 07/27/20 Expires: 07/27/21
Sampling Method: SOP.T.20.010

Jul 27, 2020 | Green Roads

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

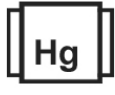


PASSED
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PRODUCT IMAGE SAFETY RESULTS



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
0.001%
THC/Container :0.288 mg



Total CBD
0.673%
CBD/Container :193.824 mg



Total Cannabinoids
0.674%
Total Cannabinoids/Container
:194.112 mg



CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
ND	ND	ND	ND	ND	ND	ND	ND	0.673%	0.001%	ND
ND	ND	ND	ND	ND	ND	ND	ND	6.730 mg/g	0.010 mg/g	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	Weight	Extraction date :	Extracted By :
450	3.0160g	07/17/20 12:07:50	965
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 07/21/20 15:38:25	
Analytical Batch -DA014072POT Instrument Used : DA-LC-003		Batch Date : 07/17/20 11:05:39	
Reagent	Dilution	Consums. ID	
032320.30	40	280678841	
071420.R23		918C4-918J	
071420.R22		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

07/27/2020

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Telephone: (844) 747-3367

Email: LAURA@GREENROADSWORLD.COM

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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	CHLORDANE *	0.01	PPM	0.1	ND
DIAZANON	0.01	ppm	0.2	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
DICHLORVOS	0.01	ppm	0.1	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND	CAPTAN *	0.025	PPM	3	ND
DIMETHOMORPH	0.02	ppm	3	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	CYFLUTHRIN *	0.01	PPM	1	ND
ETOFENPROX	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	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 , 1665** Weight **1.0445g** Extraction date **07/17/20 01:07:25** Extracted By **1082 , 1665**

Analysis Method - SOP.T.30.065, SOP.T.40.065 , SOP.T.30.065, SOP.T40.070
Analytical Batch - DA013976PES , DA014050VOL
Instrument Used : DA-LCMS-001_DER (PES) , DA-GCMS-007
Batch Date : 07/15/20 10:28:21

Reagent	Dilution	Consums. ID
06220.13	10	280679841
041720.03		76262.590
06220.13		
072120.R17		
072120.R18		
072220.R02		

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.

Jorge Segredo
Lab Director

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Ordered : 07/16/20

Sample Size Received : 30 ml
Completed : 07/27/20 Expires: 07/27/21
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 0.0299g Extraction date 07/17/20 03:07:20 Extracted By 850

Analysis Method -SOP.T.40.032
Analytical Batch -DA014090SOL Reviewed On - 07/20/20 15:36:50
Instrument Used : DA-GCMS-002
Batch Date : 07/17/20 15:33:45

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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Harvest/LOT ID: J26V01

Batch# : J26V01
Sampled : 07/16/20
Ordered : 07/16/20

Sample Size Received : 30 ml
Completed : 07/27/20 Expires: 07/27/21
Sample Method : SOP.T.20.010

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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.
not present in 1 gram.
not present in 1 gram.
not present in 1 gram.
not present in 1 gram.
not present in 1 gram.
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.40.043 / SOP.T.40.044

Analytical Batch -DA014060MIC , DA014062TYM Batch Date : 07/17/20, 07/17/20
Instrument Used : PathogenDX PCR Array Scanner DA-111,PathogenDX PCR_DA-010,
DA-111 PathogenDx Scanner,DA-089 Mini-amp Thermocycler

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

Analytical Batch -DA013977MYC | Reviewed On - 07/26/20 15:50:34
Instrument Used : DA-LCMS-001_DER (MYC)
Batch Date : 07/15/20 10:29:13

Analyzed by	Weight	Extraction date	Extracted By
513, 513	1.0132g	07/17/20	1082, 513

Analyzed by	Weight	Extraction date	Extracted By
585	1g	07/17/20 03:07:58	585

Reagent	Consums. ID	Consums. ID	Consums. ID	Consums. ID
062220.07	181019-274	50AX30819	2807007	2802018
030620.13	SG298A	19323	2810012A	2803029
101619.05	181207119C	080717	027	
	918C4-918J	190827060	2808005	
	914C4-914AK	D001	2811015	
	929C6-929H	A06	2804025	

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
030920.02	071720.R02	100	89401-566
071320.R04	022520.02		
070920.R01	030420.06		
071420.R14	070120.01		
071520.R03			
071420.R15			

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	0.2438g	07/17/20 12:07:25	1022

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA014059HEA | Reviewed On - 07/21/20 13:26:57
Instrument Used : DA-ICPMS-002
Batch Date : 07/17/20 09:25:28

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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