



Certificate of Analysis

Sample: DA10204010-001

Harvest/Lot ID: 2016802

Seed to Sale #N/A

Batch Date : 01/28/21

Batch#: 2016802

Sample Size Received: 87.5 gram

Retail Product Size: 3.39832

Ordered : 01/28/21

Sampled : 01/28/21

Completed: 02/08/21 Expires: 02/08/22

Sampling Method: SOP Client Method

PASSED

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Feb 08, 2021 | Green Roads

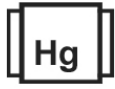
5150 SW 48TH WAY
DAVIE, FL, 33314, US



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%
TOTAL THC/Gummy : 0.000 mg



TOTAL CBD
0.297%
TOTAL CBD/Gummy : 10.093 mg



Total Cannabinoids
0.297%
Total Cannabinoids/Gummy : 10.093 mg

CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
ND	ND	ND	ND	0.297%	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	2.970 mg/g	ND	ND	ND	ND	ND	ND
LOD 0.001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.0001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.0001 %	LOD 0.001 %	LOD 0.001 %	LOD 0.001 %

Cannabinoid Profile Test

Analyzed by 450	Weight 2.9624g	Extraction date : NA	Extracted By : NA
Analysis Method -SOP.T.40.020, SOP.T.30.050	Reviewed On - 02/05/21 17:00:06	Batch Date : 02/04/21 11:07:17	
Analytical Batch -DA022090POT	Instrument Used : DA-LC-003		

Reagent	Dilution	Consums. ID
110520.46	40	280678841
110220.45		76262-590
012921.R26		914C4-914AK
012921.R25		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



Signature

02/08/2021

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ISO Accreditation # ISO/IEC
17025:2017 Accreditation
PJLA-Testing 97164



Certificate of Analysis

PASSED

Green Roads

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

Telephone: (844) 747-3367

Email: LAURA@GREENROADSWORLD.COM

Sample : DA10204010-001

Harvest/LOT ID: 2016802

Batch# : 2016802

Sampled : 01/28/21

Ordered : 01/28/21

Sample Size Received : 87.5 gram

Completed : 02/08/21 Expires: 02/08/22

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	PYRETHRINS	0.05	ppm	1	ND
ACEPHATE	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
ACEQUINOCYL	0.01	ppm	2	ND	SPIROMESIFEN	0.01	ppm	3	ND
ACETAMIPRID	0.01	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND	SPIROXAMINE	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
BIFENAZATE	0.01	ppm	3	ND	THIACLOPRID	0.01	ppm	0.1	ND
BIFENTHRIN	0.01	ppm	0.5	ND	THIAMETHOXAM	0.05	ppm	1	ND
BOSCALID	0.01	PPM	3	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	PPM	20	ND
CARBARYL	0.05	ppm	0.5	ND	TOTAL DIAZINON	0.01	PPM	0.2	ND
CARBOFURAN	0.01	ppm	0.1	ND	TOTAL DIMETHOMORPH	0.02	PPM	3	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	TOTAL SPINETORAM	0.02	PPM	3	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	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
DAMINOZIDE	0.01	ppm	0.1	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
DICHLORVOS	0.01	ppm	0.1	ND	CHLORDANE *	0.01	PPM	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND	CAPTAN *	0.025	PPM	3	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
ETOFENPROX	0.01	ppm	0.1	ND	CYFLUTHRIN *	0.01	PPM	1	ND
ETOXAZOLE	0.01	ppm	1.5	ND	CYPERMETHRIN *	0.01	PPM	1	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	0.3	ppm	3	ND					
PRALLETHRIN	0.01	ppm	0.4	ND					
PROPICONAZOLE	0.01	ppm	1	ND					
PROPOXUR	0.01	ppm	0.1	ND					

Pesticides PASSED

Analyzed by 585 , 1665	Weight 0.9163g	Extraction date 02/04/21 05:02:28	Extracted By 585 , 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 - DA022074PES , DA022054VOL			
Instrument Used : DA-LCMS-003 (PES) , DA-GCMS-006			
Running On : 02/04/21 17:28:05 , 02/04/21 16:28:50			
Batch Date : 02/04/21 10:07:54			
Reagent	Dilution	Consums. ID	
010421.886 129020.830 020200.845 020201.812 020200.58	25	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



02/08/2021

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ISO Accreditation # ISO/IEC
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DAVIE, FL, 33314, US
Telephone: (844) 747-3367
Email: LAURA@GREENROADSWORLD.COM

Sample : DA10204010-001
Harvest/LOT ID: 2016802

Batch# : 2016802
Sampled : 01/28/21
Ordered : 01/28/21

Sample Size Received : 87.5 gram
Completed : 02/08/21 Expires: 02/08/22
Sample Method : SOP Client Method

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Residual Solvents

PASSED



Residual Solvents

PASSED

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

Analyzed by 850
Weight 0.0299g
Extraction date NA
Extracted By NA
Analysis Method -SOP.T.40.032
Analytical Batch -DA022147SOL
Instrument Used : DA-GCMS-003
Running On :
Batch Date : 02/05/21 16:44:08
Reviewed On - 02/08/21 15:42:25

Reagent	Dilution	Consums. ID
	1	G201.162 R2017.179

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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Telephone: (844) 747-3367
Email: LAURA@GREENROADSWORLD.COM

Sample : DA10204010-001
Harvest/LOT ID: 2016802

Batch# : 2016802
Sampled : 01/28/21
Ordered : 01/28/21

Sample Size Received : 87.5 gram
Completed : 02/08/21 Expires: 02/08/22
Sample Method : SOP Client Method

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Microbials

PASSED



Mycotoxins

PASSED

Analyte	LOD	Result
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

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -DA022092MIC , DA022093TYM Batch Date : 02/04/21, 02/04/21
Instrument Used : PathogenDx Scanner DA-111,
Running On : 02/05/21, 02/05/21

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
TOTAL OCHRATOXIN A	0.002	PPM	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA022075MYC | Reviewed On - 02/05/21 13:50:54
Instrument Used :
Running On : 02/04/21 17:32:00
Batch Date : 02/04/21 10:09:38

Analyzed by	Weight	Extraction date	Extracted By
1829, 1829	0.9339g	02/04/21	513,

Analyzed by	Weight	Extraction date	Extracted By
585	NA	02/04/21 05:02:39	585

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 detection testing. Testing for these microorganisms may also be analyzed through a culture-based method that employs the use of differentiating plates that are used for the isolation and enumeration of a specific organism or organism groups (Method SOP.T.40.041).

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.



Heavy Metals

PASSED

Reagent	Reagent	Dilution	Consums. ID
020321.R29	020321.R32	100	89401-566
012221.R07	020121.R01		
012721.R28	121420.01		
012721.R16	090420.14		
020321.R31	030420.06		
011521.R07	010121.01		

Metal	LOD	Unit	Result	Action Level (PPM)
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	0.2566g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA022077HEA | Reviewed On - 02/05/21 08:57:11
Instrument Used : DA-ICPMS-002
Running On : 02/05/21 08:51:14
Batch Date : 02/04/21 10:18:42

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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