



Certificate of Analysis

Sample: DA10814011-003
Harvest/Lot ID: C18W010222
Cultivation Facility: N/A
Processing Facility: N/A
Seed to Sale# n/a
Batch Date: 08/12/21
Batch#: C18W010222
Sample Size Received: 40 gram
Total Weight/Volume: 40 gram
Retail Product Size: 10 gram
Ordered: 08/12/21
sampled: 08/12/21
Completed: 08/17/21
Sampling Method: SOP.T.20.010

Aug 17, 2021 | Green Roads

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



PASSED

Page 1 of 4

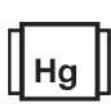
PRODUCT IMAGE



SAFETY RESULTS



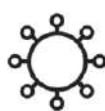
Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.

CANNABINOID RESULTS



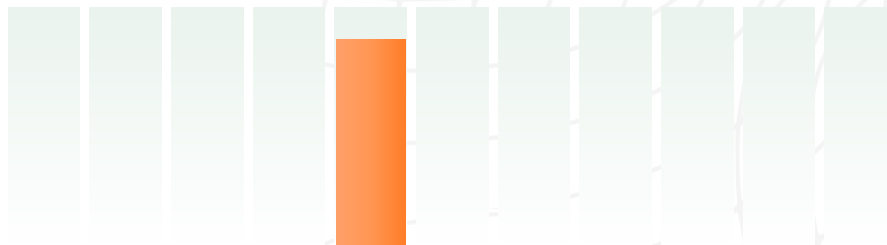
Total THC
0.000%



Total CBD
0.742%



Total Cannabinoids
0.742%



Filtration PASSED

Analyzed By	Weight	Extraction date	Extracted By
457	NA	08/16/21	457
Analyte			LOD
Filtration and Foreign Material			0.1
Analysis Method -SOP.T.40.013		Batch Date : 08/16/21 11:15:49	Result
Analytical Batch -DA029998FIL		Reviewed On - 08/16/21 13:21:12	ND
Instrument Used : Filtration/Foreign Material Microscope			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection.

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	ND	ND	ND	0.7420	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	ND	7.4200	ND	ND	ND	ND	ND	ND
LOD	0.0010	0.0010	0.0010	0.0010	0.0001	0.0010	0.0010	0.0001	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	2.8401g	08/16/21 12:08:14	2198
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 08/17/21 09:57:30	Batch Date : 08/16/21 10:01:48
Analytical Batch -DA029990POT	Instrument Used : DA-LC-003	Running On : 08/17/21 09:26:26	

Reagent	Dilution	Consums. ID
110220.174	400	CE0123
081121.860		280678841
081121.859		11945-019CD-019C
		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



08/17/21

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 ISO Accreditation # ISO/IEC
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Certificate of Analysis

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5150 SW 48TH WAY
DAVIE, FL, 33314, US
Telephone: (844) 747-3367
Email: LAURA@GREENROADSWORLD.COM

Sample : DA10814011-003
Harvest/LOT ID: C18W010222

Batch# : C18W010222 Sample Size Received : 40 gram
Sampled : 08/12/21 Total Weight/Volume : 40 gram
Ordered : 08/12/21 Completed : 08/17/21 Expires: 08/17/22
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	PROPOXUR	0.01	ppm	0.1	ND
ACEPHATE	0.01	ppm	3	ND	PYRETHRINS	0.05	ppm	1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PYRIDABEN	0.02	ppm	3	ND
ACETAMIPRID	0.01	ppm	3	ND	SPIROMESIFEN	0.01	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND	SPIROTETRAMAT	0.01	ppm	3	ND
AZOXYSTROBIN	0.01	ppm	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
BIFENAZATE	0.01	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
BIFENTHRIN	0.01	ppm	0.5	ND	THIACLOPRID	0.01	ppm	0.1	ND
BOSCALID	0.01	PPM	3	ND	THIAMETHOXAM	0.05	ppm	1	ND
CARBARYL	0.05	ppm	0.5	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.05	PPM	20	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
DIAZINON	0.01	ppm	3	ND	CAPTAN *	0.025	PPM	3	ND
DICHLORVOS	0.01	ppm	0.1	ND	CHLORDANE *	0.01	PPM	0.1	ND
DIMETHOATE	0.01	ppm	0.1	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	1	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					



Pesticides

PASSED

Analyzed by 585 , 1665	Weight 0.2273g	Extraction date 08/16/21 11:08:48	Extracted By 585 , 585
Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070 , SOP.T.30.065, SOP.T40.070			
Analytical Batch - DA029984PES , DA029968VOL		Reviewed On - 08/16/21 13:21:12	
Instrument Used : DA-LCMS-003 (PES) , DA-GCMS-006			Batch Date : 08/16/21 09:52:34
Running On : 08/16/21 16:49:43 , 08/16/21 16:26:13			
Reagent	Dilution	Consums. ID	
081321.R14 080521.R32 080521.R33 081321.R01 092820.S9	25	6524407-03	
<p>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.T40.065/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.</p>			

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Jorge Segredo
Lab Director



08/17/21

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ISO Accreditation # ISO/IEC
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PJLA-Testing 97164

Signature

Signed On



Certificate of Analysis

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5150 SW 48TH WAY
DAVIE, FL, 33314, US
Telephone: (844) 747-3367
Email: LAURA@GREENROADSWORLD.COM

Sample : DA10814011-003
Harvest/LOT ID: C18W010222


Batch# : C18W010222 Sample Size Received : 40 gram
Sampled : 08/12/21 Total Weight/Volume : 40 gram
Ordered : 08/12/21 Completed : 08/17/21 Expires: 08/17/22
Sample Method : SOP.T.20.010

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Residual Solvents

PASSED



Residual Solvents

PASSED

Solvent	LOD	Units	Action Level	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	<250.000
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** 0.029g **Extraction date** 08/16/21 12:08:03 **Extracted By** 850
Analysis Method -SOP.T.40.032
Analytical Batch -DA030003SOL **Reviewed On - 08/17/21 14:06:48**
Instrument Used : DA-GCMS-003
Running On : 08/16/21 12:41:51
Batch Date : 08/16/21 12:17:59

Reagent	Dilution	Consums. ID
030420.09	1	R2017.271 G201.062

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

Sample : DA10814011-003
Harvest/LOT ID: C18W010222
Batch# : C18W010222 Sample Size Received : 40 gram
Sampled : 08/12/21 Total Weight/Volume : 40 gram
Ordered : 08/12/21 Completed : 08/17/21 Expires: 08/17/22
Sample Method : SOP.T.20.010

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Microbials
PASSED



Mycotoxins
PASSED

Analyte	LOD	Result	Action Level
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.	

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -DA029976MIC Batch Date : 08/16/21
Instrument Used : PathogenDx Scanner DA-111
Running On : 08/17/21

Analyzed by	Weight	Extraction date	Extracted By
1829	1.0581g	08/16/21	513

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. Pour-plating is used for quantitation and confirmation, Total Yeast and Mold has an action limit of 100,000 CFU.

Analyte	LOD	Units	Result	Action Level
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 -DA029985MYC | Reviewed On - 08/17/21 12:56:01
Instrument Used : DA-LCMS-003 (MYC)
Running On : 08/16/21 16:51:24
Batch Date : 08/16/21 09:53:37

Analyzed by	Weight	Extraction date	Extracted By
585	g	08/16/21 03:08:33	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.



Heavy Metals
PASSED

Reagent	Reagent	Reagent	Dilution	Consums. ID
050121.01	081621.R12	073021.R32	100	3146-870-008
072721.R46	081021.R58	030420.08		11989-024CC-024
080421.R56	081621.R10			
080421.R57	081621.R11			
080421.R58	121020.12			
072721.R50	080321.R05			

Metal	LOD	Unit	Result	Action Level
IODINE	1	ppm	ND	200
ARSENIC	0.02	PPM	<LOQ	3
CADMIUM	0.02	PPM	ND	
MERCURY	0.02	PPM	ND	55
LEAD	0.05	PPM	0.745	10

Analyzed by	Weight	Extraction date	Extracted By
53	0.2293g	08/16/21 02:08:00	1022

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051
Analytical Batch -DA029981HEA | Reviewed On - 08/17/21 09:05:25
Instrument Used : DA-ICPMS-003
Running On : 08/16/21 17:12:43
Batch Date : 08/16/21 09:46:49

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) using Method SOP.T.30.052, SOP.T.30.053 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050, SOP.T.40.051 Heavy Metals Analysis via ICP-MS.

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