



Certificate of Analysis

Sample: DA10826012-001
Harvest/Lot ID: H03X02
Seed to Sale# N/A
Batch Date: 08/03/21
Batch#: BMR0123/GRW0104
Sample Size Received: 28.50 gram
Total Weight/Volume: N/A
Retail Product Size: 28.50 gram
Ordered : 08/25/21
sampled : 08/25/21
Completed: 08/30/21
Sampling Method: SOP Client Method

Aug 30, 2021 | Green Roads

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



PASSED

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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 THC/Container : 0 mg



Total CBD
0.225%

TOTAL CBD/Container : 64.125 mg



Total Cannabinoids
0.227%

Total Cannabinoids/Container : 64.695 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0.002	ND	ND	ND	0.225	ND	ND	ND	ND	ND	ND
mg/g	0.02	ND	ND	ND	2.25	ND	ND	ND	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	%	%	%	%	%	%	%	%	%	%	%

Filtration PASSED

Analyzed By	Weight	Extraction date	Extracted By	NA
1879	NA	NA		Result
Analyte			LOD	ND
Filtration and Foreign Material			0.1	
Analysis Method -SOP.T.40.013		Batch Date : 08/26/21 09:26:00		
Analytical Batch -DA030453FIL		Reviewed On - 08/26/21 13:37:22		
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.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	3.1189g	08/26/21 01:08:53	1823
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 08/27/21 14:22:43	Batch Date : 08/26/21 11:57:13
Analytical Batch -DA030471POT	Instrument Used : DA-LC-003 (Edibles)	Running On : 08/26/21 18:54:36	

Reagent	Dilution	Consums. ID
101920.29	40	CE0123
082421.R44		280678841
082421.R38		11945-019CD-019C
073021.32		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



08/30/21

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

Signature

Signed On



Certificate of Analysis

PASSED

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

Sample : DA10826012-001
Harvest/LOT ID: H03X02

Batch# : BMR0123/GRW0104
Sampled : 08/25/21
Ordered : 08/25/21

Sample Size Received : 28.50 gram
Total Weight/Volume : N/A
Completed : 08/30/21 Expires: 08/30/22
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	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)	0.05	PPM	20	ND
DAMINOZIDE	0.01	ppm	0.1	ND	TOTAL DIMETHOMORPH	0.02	PPM	3	ND
DIAZINON	0.01	ppm	3	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
DICHLORVOS	0.01	ppm	0.1	ND	TOTAL SPINETORAM	0.02	PPM	3	ND
DIMETHOATE	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
DIMETHOMORPH	0.02	ppm	3	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB)	0.01	PPM	0.2	ND
ETOFENPROX	0.01	ppm	0.1	ND	* PARATHION-METHYL *	0.01	PPM	0.1	ND
ETOXAZOLE	0.01	ppm	1.5	ND	CAPTAN *	0.025	PPM	3	ND
FENHEXAMID	0.01	ppm	3	ND	CHLORDANE *	0.01	PPM	0.1	ND
FENOXYCARB	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
FENPYROXIMATE	0.01	ppm	2	ND	CYFLUTHRIN *	0.01	PPM	1	ND
FIPRONIL	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	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					



Pesticides

PASSED

Analyzed by 585 , 1665	Weight 0.8754g	Extraction date 08/26/21 01:08:29	Extracted By 585 , 585
<small>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</small>			
<small>Analytical Batch - DA030413PES, DA030415VOL</small>			
<small>Instrument Used : DA-LCMS-003 (PES) , DA-GCMS-001</small>			
<small>Running On : 08/25/21 16:15:20 , 08/25/21 16:11:14</small>			
<small>Reviewed On- 08/26/21 13:37:22</small>			
<small>Batch Date : 08/25/21 10:08:14</small>			
Reagent	Dilution	Consums. ID	
082321.A08 082321.A10 082321.A33 082321.A01 082321.S19	25	6524407-03	
<small>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.</small>			

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Jorge Segredo
Lab Director



08/30/21

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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 : DA10826012-001
Harvest/LOT ID: H03X02

Batch# : BMR0123/GRW0104
Sampled : 08/25/21
Ordered : 08/25/21

Sample Size Received : 28.50 gram
Total Weight/Volume : N/A
Completed : 08/30/21 **Expires:** 08/30/22
Sample Method : SOP Client Method

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	Residual Solvents	PASSED
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	Residual Solvents	PASSED
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Solvent	LOD	Units	Action Level	Pass/Fail	Result
METHANOL	25	ppm	3000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
PROPANE	500	ppm	2100	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	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	Weight	Extraction date	Extracted By
850	0.0205g	08/27/21 03:08:00	850
Analysis Method -SOP.T.40.032		Reviewed On - 08/30/21 13:33:08	
Analytical Batch -DA030551SOL		Instrument Used : DA-GCMS-003	
Running On :			
Batch Date : 08/27/21 15:37:04			

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

Sample : DA10826012-001
Harvest/LOT ID: H03X02

Batch# : BMR0123/GRW0104
Sampled : 08/25/21
Ordered : 08/25/21

Sample Size Received : 28.50 gram
Total Weight/Volume : N/A
Completed : 08/30/21 Expires: 08/30/22
Sample Method : SOP Client Method

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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.	
TOTAL YEAST AND MOLD	10	<10 CFU	100000

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -DA030478MIC , DA030479TYM Batch Date : 08/26/21, 08/26/21
Instrument Used : PathogenDx Scanner DA-111,
Running On : 08/27/21, 08/28/21

Analyzed by	Weight	Extraction date	Extracted By
1829, 1829	1.0525g	NA	NA,

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 -DA030414MYC | Reviewed On - 08/27/21 10:18:44
Instrument Used : DA-LCMS-003 (MYC)
Running On : 08/25/21 16:15:10
Batch Date : 08/25/21 10:09:06

Analyzed by	Weight	Extraction date	Extracted By
585	g	08/26/21 03:08:57	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	081921.R31	030420.08	100	179436
072721.R46	082321.R01			3146-870-008
081721.R61	082321.R02			12265-115CC
082321.R62	121020.12			
081921.R32	081721.R60			
082321.R03	081221.R35			

Metal	LOD	Unit	Result	Action Level
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	0.2301g	08/26/21 12:08:24	1022

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051
Analytical Batch -DA030455HEA | Reviewed On - 08/27/21 09:27:18
Instrument Used : DA-ICPMS-003
Running On : 08/26/21 16:28:52
Batch Date : 08/26/21 09:34:02

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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