



# Certificate of Analysis

Sample: DA10218007-001  
Harvest/Lot ID: 2102001  
Seed to Sale #N/A  
Batch Date :N/A  
Batch#: 2102001  
Sample Size Received: 60 gram  
Retail Product Size: 3.6702  
Ordered : 02/17/21  
sampled : 02/17/21  
Completed: 02/22/21 Expires: 02/22/22  
Sampling Method: SOP Client Method

Feb 22, 2021 | Green Roads

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



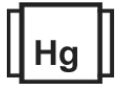
**PASSED**

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PRODUCT IMAGE SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**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  
**0.250%**  
TOTAL CBD/Gummy :9.175 mg



Total Cannabinoids  
**0.250%**  
Total Cannabinoids/Gummy :9.175 mg

CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
ND	ND	ND	ND	0.250%	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	2.500 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 2.9446g	Extraction date : NA	Extracted By : NA
Analysis Method -SOP.T.40.020, SOP.T.30.050	Reviewed On - 02/19/21 11:26:23	Batch Date : 02/18/21 10:49:39	
Analytical Batch -DA022659POT	Instrument Used : DA-LC-003		

Reagent	Dilution	Consums. ID
110220.149	40	280678841
021521.R26		76262-590
021021.R22		914C4-914AK
110220.45		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

02/22/2021

Signed On

State License # CMTL-0002  
ISO Accreditation # ISO/IEC  
17025:2017 Accreditation  
PJLA-Testing 97164



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Green Roads

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

Telephone: (844) 747-3367

Email: LAURA@GREENROADSWORLD.COM

Sample : DA10218007-001

Harvest/LOT ID: 2102001

Batch# : 2102001

Sampled : 02/17/21

Ordered : 02/17/21

Sample Size Received : 60 gram

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

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					
FENOXICARB	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**

<b>Analyzed by</b> 585 , 1665	<b>Weight</b> 1.0331g	<b>Extraction date</b> 02/19/21 05:02:28	<b>Extracted By</b> 585 , 1665
<b>Analysis Method</b> - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070 , SOP.T.30.065, SOP.T.40.070			
<b>Analytical Batch</b> - DA022649PES , DA022638VOL			
<b>Instrument Used</b> : DA-GCMS-006			
<b>Running On</b> : , 02/18/21 16:06:46			
<b>Batch Date</b> : 02/18/21 09:45:12			
<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>	
010421.886 129020.830 022921.814 021921.823 092820.58	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



02/22/2021

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

Signature

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 : DA10218007-001**  
**Harvest/LOT ID: 2102001**


**Batch# :** 2102001  
**Sampled :** 02/17/21  
**Ordered :** 02/17/21

**Sample Size Received :** 60 gram  
**Completed :** 02/22/21 **Expires:** 02/22/22  
**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** 0.0276g      **Extraction date** NA      **Extracted By** NA

**Analysis Method -SOP.T.40.032**  
**Analytical Batch -DA022688SOL**      **Reviewed On - 02/19/21 16:47:30**  
**Instrument Used : DA-GCMS-002**  
**Running On :**  
**Batch Date : 02/18/21 16:00:39**

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**  
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Signature

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

Sample : DA10218007-001  
Harvest/LOT ID: 2102001

Batch# : 2102001  
Sampled : 02/17/21  
Ordered : 02/17/21

Sample Size Received : 60 gram  
Completed : 02/22/21 Expires: 02/22/22  
Sample Method : SOP Client Method

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**Microbials**

PASSED



**Mycotoxins**

PASSED

Analyte	LOD	Result	Analyte	LOD	Units	Result	Action Level (PPM)
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	AFLATOXIN G2	0.002	ppm	ND	0.02
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	AFLATOXIN G1	0.002	ppm	ND	0.02
ASPERGILLUS_FLAVUS		not present in 1 gram.	AFLATOXIN B2	0.002	ppm	ND	0.02
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	AFLATOXIN B1	0.002	ppm	ND	0.02
ASPERGILLUS_TERREUS		not present in 1 gram.	TOTAL OCHRATOXIN A	0.002	PPM	ND	0.02
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 -DA022656MIC , DA022658TYM Batch Date : 02/18/21, 02/18/21  
Instrument Used : PathogenDx Scanner DA-111,  
Running On : 02/18/21

Analysis Method -SOP.T.30.065, SOP.T.40.065  
Analytical Batch -DA022650MYC | Reviewed On - 02/22/21 12:27:01  
Instrument Used :  
Running On :  
Batch Date : 02/18/21 09:47:41

Analyzed by	Weight	Extraction date	Extracted By
1829, 513	NA	02/20/21	513, 513

Analyzed by	Weight	Extraction date	Extracted By
585	NA	02/19/21 05:02:40	585

Reagent Consums. ID	Consums. ID	Consums. ID	Consums. ID	Consums. ID
011121.31	200103-274	2804029	039	2811020
101420.21	3110	2803033	2807013	20324
	218917	D010	2810013G	012020
	002005	D008	2809006	009C6-009
	11.12.2020.MIC	A12	2804030	200507119C
	11989-024CC-024	A10	2808009	914C4-914AK

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
021721.R08	020921.R12	100	89401-566
021121.R08	021521.R02		
020921.R11	121420.01		
020821.R07	090420.14		
020321.R31	030420.08		
020521.R14	020121.66		

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	0.2311g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052  
Analytical Batch -DA022628HEA | Reviewed On - 02/19/21 08:59:02  
Instrument Used : DA-ICPMS-002  
Running On : 02/18/21 16:26:29  
Batch Date : 02/18/21 08:55:10

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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