



Certificate of Analysis

Sample: DA10823002-001
Harvest/Lot ID: KN115673/72
Seed to Sale# N/A
Batch Date: 08/06/21
Batch#: 81021PP
Sample Size Received: 32 gram
Total Weight/Volume: N/A
Retail Product Size: 4.047 gram
Ordered : 08/21/21
sampled : 08/21/21
Completed: 08/26/21
Sampling Method: SOP Client Method

Aug 26, 2021 | Green Roads

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



PASSED

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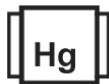
PRODUCT IMAGE



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 D8-THC

0.555%

D8 THC/Gummy :22.461 mg



Total CBD

0.000%

TOTAL CBD/Gummy :0 mg



Total Cannabinoids

0.561%

Total Cannabinoids/Gummy :22.704 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	ND	ND	ND	ND	ND	ND	0.006	0.555	ND	ND
mg/g	ND	ND	ND	ND	ND	ND	ND	0.06	5.55	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
457	NA	08/23/21	457
Analyte			LOD
Filtration and Foreign Material			0.1
			Result
			ND

Analysis Method -SOP.T.40.013 Batch Date : 08/20/21 11:16:17
Analytical Batch -DA030220FIL Reviewed On - 08/23/21 14:14:13
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-28/T Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	3.2005g	08/23/21 01:08:48	574
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 08/24/21 12:23:17	Batch Date : 08/23/21 10:58:06
Analytical Batch -DA030299POT	Instrument Used : DA-LC-003 (Edibles)	Running On : 08/23/21 17:42:42	

Reagent	Dilution	Consums. ID
110520.96	400	CE0123
081821.R54		287035261
070121.20		11945-019CD-019C
081821.R52		914C4-914AK
073021.37		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

08/26/21

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ISO Accreditation # ISO/IEC
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PJLA-Testing 97164

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

Sample : DA10823002-001
Harvest/LOT ID: KN115673/72

Batch# : 81021PP
Sampled : 08/21/21
Ordered : 08/21/21

Sample Size Received : 32 gram
Total Weight/Volume : N/A
Completed : 08/26/21 Expires: 08/26/22
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	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					
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	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

Analysed by 585 , 1665	Weight 0.9879g	Extraction date 08/23/21 01:08:32	Extracted By 1665 , 1665
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 - DA030293PES , DA030279VOL			
Instrument Used : DA-LCMS-003 (PES) , DA-GCMS-001		Reviewed On - 08/23/21 14:14:13	
Running On : 08/23/21 16:38:11 , 08/23/21 16:24:45		Batch Date : 08/23/21 10:19:49	
Reagent	Dilution	Consums. ID	
082321.R08 082021.R10 080921.R33 08121.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



08/26/21

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17025:2017 Accreditation
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 : DA10823002-001
Harvest/LOT ID: KN115673/72

Batch# : 81021PP
Sampled : 08/21/21
Ordered : 08/21/21

Sample Size Received : 32 gram
Total Weight/Volume : N/A
Completed : 08/26/21 **Expires:** 08/26/22
Sample Method : SOP Client Method

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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	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** 0.022g **Extraction date** NA **Extracted By** NA

Analysis Method -SOP.T.40.032
Analytical Batch -DA030381SOL **Reviewed On - 08/26/21 13:46:13**
Instrument Used : DA-GCMS-003
Running On : 08/25/21 16:12:21
Batch Date : 08/24/21 16:49:23

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

Sample : DA10823002-001
Harvest/LOT ID: KN115673/72

Batch# : 81021PP
Sampled : 08/21/21
Ordered : 08/21/21

Sample Size Received : 32 gram
Total Weight/Volume : N/A
Completed : 08/26/21 Expires: 08/26/22
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.	

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -DA030278MIC Batch Date : 08/23/21
Instrument Used : PathogenDx Scanner DA-111
Running On : 08/23/21

Analyzed by	Weight	Extraction date	Extracted By
513	0.9395g	08/23/21	513

Reagent	Consums. ID	Consums. ID	Consums. ID	Consums. ID
071921.R36	200103-274	41073-116C4	2803035	28100332B
072621.18	3110	20324	D013	2809006
021921.44	F1085F	227941	D012	046
	004103	201126119C	A17	2804033
	12265-115CC	009C6-009	A16	2808010
	61630-123C6-123E	2802029	2807016	2811026

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 -DA030300MYC | Reviewed On - 08/24/21 13:12:05
Instrument Used : DA-LCMS-003 (MYC)
Running On : 08/23/21 16:38:33
Batch Date : 08/23/21 11:39:38

Analyzed by	Weight	Extraction date	Extracted By
585	g	08/23/21 02:08:33	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	081221.R35	100	179436
072721.R46	081921.R31	030420.08		3146-870-008
081721.R61	081621.R10			12265-115CC
080421.R57	081621.R11			
081921.R32	121020.12			
072721.R50	081721.R60			

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
53	0.2657g	08/23/21 12:08:05	1879

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051
Analytical Batch -DA030221HEA | Reviewed On - 08/24/21 08:49:29
Instrument Used : DA-ICPMS-003
Running On : 08/24/21 08:37:31
Batch Date : 08/20/21 11:18:28

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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Lab Director



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