



Certificate of Analysis



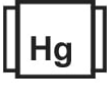







COMPLIANCE FOR RETAIL

Sample: DA21123015-005
Harvest/Lot ID: KN116099
Batch#: KN116099
Seed to Sale# N/A
Batch Date: 11/10/22
Sample Size Received: 111 gram
Total Amount: 111 gram
Retail Product Size: 111 gram
Ordered : 11/23/22
Sampled : 11/23/22
Completed: 11/27/22
Sampling Method: SOP.T.20.010.FL

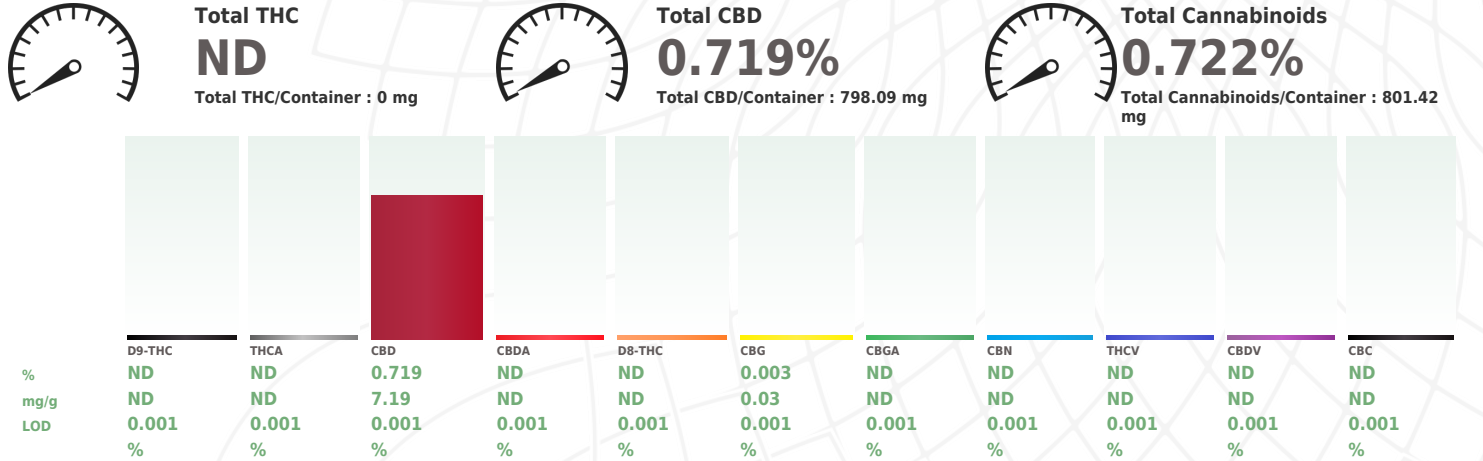
PASSED
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Nov 27, 2022 | Green Roads
601 Fairway Dr
DEERFIELD BEACH, FL, 33441, US



PRODUCT IMAGE	SAFETY RESULTS							MISC.	
	 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents PASSED	 Filtth PASSED	 Water Activity NOT TESTED	 Moisture NOT TESTED	 Terpenes NOT TESTED

	Cannabinoid	PASSED
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Analyzed by: 1665, 585, 53, 1440 Weight: 3.7752g Extraction date: 11/23/22 17:39:33 Extracted by: 1665
 Analysis Method : SOP.T.40.031, SOP.T.30.031 Reviewed On : 11/25/22 22:58:09
 Analytical Batch : DA052816POT Batch Date : 11/23/22 16:29:31
 Instrument Used : DA-LC-007
 Running on : 11/23/22 17:42:19
 Dilution : 40
 Reagent : 111022.01; 112322.R10; 030322.03; 070121.27; 112322.R05
 Consumables : 239146; 280670723; CE0123; 61633-125C6-125E; R1KB14270
 Pipette : DA-079; DA-108; DA-078

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.



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DEERFIELD BEACH, FL, 33441, US
Telephone: (844) 747-3367
Email: LAURA@GREENROADSWORLD.COM

Sample : DA21123015-005

Harvest/Lot ID: KN116099

Batch#: KN116099

Sampled : 11/23/22

Ordered : 11/23/22

Sample Size Received : 111 gram

Total Amount : 111 gram

Completed : 11/27/22 Expires: 11/27/23

Sample Method : SOP Client Method

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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result		
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	ppm	30	PASS	ND	OXAMYL	0.01	ppm	0.5	PASS	ND		
TOTAL DIMETHOMORPH	0.01	ppm	3	PASS	ND	PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND		
TOTAL PERMETHRIN	0.01	ppm	1	PASS	ND	PHOSMET	0.01	ppm	0.2	PASS	ND		
TOTAL PYRETHRINS	0.01	ppm	1	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND		
TOTAL SPINETORAM	0.01	ppm	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND		
TOTAL SPINOSAD	0.01	ppm	3	PASS	ND	PROPICONAZOLE	0.01	ppm	1	PASS	ND		
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND		
ACEPHATE	0.01	ppm	3	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND		
ACEQUINOCYL	0.01	ppm	2	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND		
ACETAMIPRID	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND		
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND		
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND		
BIFENAZATE	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND		
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND		
BOSCALID	0.01	ppm	3	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND		
CARBARYL	0.01	ppm	0.5	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	PASS	ND		
CARBOFURAN	0.01	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND		
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	CAPTAN *	0.07	PPM	3	PASS	ND		
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND		
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND		
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND	CYFLUTHRIN *	0.05	PPM	1	PASS	ND		
COUMAPHOS	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	1	PASS	ND		
DAMINOZIDE	0.01	ppm	0.1	PASS	ND								
DIAZINON	0.01	ppm	3	PASS	ND	Analyzed by:	585, 53, 1440	Weight:	0.9384g	Extraction date:	11/23/22 18:20:52	Extracted by:	3379
DICHLORVOS	0.01	ppm	0.1	PASS	ND	Analysis Method:	SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville), SOP.T.40.102.FL (Davie)						
DIMETHOATE	0.01	ppm	0.1	PASS	ND	Analytical Batch:	DA052790PES						
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Instrument Used:	DA-LCMS-004 (PES)						
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Running on:	11/23/22 20:27:23						
ETOXAZOLE	0.01	ppm	1.5	PASS	ND	Dilution:	250						
FENHEXAMID	0.01	ppm	3	PASS	ND	Reagent:	112122.R02; 111622.R42; 110722.R24; 112322.R11; 092820.59						
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Consumables:	6676024-02						
FENPYROXIMATE	0.01	ppm	2	PASS	ND	Pipette:	DA-093; DA-094; DA-219						
FIPRONIL	0.01	ppm	0.1	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.							
FLUDIOXONIL	0.01	ppm	3	PASS	ND	Analyzed by:	450, 585, 1440, 53	Weight:	0.9384g	Extraction date:	N/A	Extracted by:	3379, 450
HEXYTHIAZOX	0.01	ppm	2	PASS	ND	Analysis Method:	SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL						
IMAZALIL	0.01	ppm	0.1	PASS	ND	Analytical Batch:	DA052792VOL						
IMIDACLOPRID	0.01	ppm	1	PASS	ND	Instrument Used:	DA-GCMS-006						
KRESOXIM-METHYL	0.01	ppm	2	PASS	ND	Running on:	N/A						
MALATHION	0.01	ppm	3	PASS	ND	Dilution:	25						
METALAXYL	0.01	ppm	0.1	PASS	ND	Reagent:	111622.R42; 092820.59; 111022.R38; 111022.R27						
METHIOCARB	0.01	ppm	0.1	PASS	ND	Consumables:	6676024-02; 14725401						
METHOMYL	0.01	ppm	0.1	PASS	ND	Pipette:	DA-080; DA-146						
MEVINPHOS	0.01	ppm	0.1	PASS	ND	Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.							
MYCLOBUTANIL	0.01	ppm	3	PASS	ND								
NALED	0.01	ppm	0.5	PASS	ND								



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 Email: LAURA@GREENROADSWORLD.COM

Sample : DA21123015-005

Harvest/Lot ID: KN116099

Batch# : KN116099

Sampled : 11/23/22

Ordered : 11/23/22

Sample Size Received : 111 gram

Total Amount : 111 gram

Completed : 11/27/22 Expires: 11/27/23

Sample Method : SOP Client Method

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Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
ACETONITRILE	6	ppm	60	PASS	<30
BENZENE	0.1	ppm	1	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
ETHANOL	500	ppm	5000	PASS	<2500
ETHYL ACETATE	40	ppm	400	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	250	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

Analyzed by: 850, 585, 1440, 53	Weight: 0.02g	Extraction date: 11/23/22 17:40:31	Extracted by: 850
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Analysis Method : SOP.T.40.041.FL Analytical Batch : DA052815SOL Instrument Used : DA-GCMS-003 Running on : 11/23/22 17:41:20	Reviewed On : 11/25/22 22:49:17 Batch Date : 11/23/22 16:12:03
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Dilution : 1
 Reagent : 030420.09
 Consumables : R2017.167; KF140
 Pipette : DA-309 25 uL Syringe 35028

Residual solvents analysis is performed utilizing Gas Chromatography Mass Spectrometry in accordance with with F.S. Rule 64ER20-39.



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Sample : DA21123015-005

Harvest/Lot ID: KN116099

Batch#: KN116099

Sampled : 11/23/22

Ordered : 11/23/22

Sample Size Received : 111 gram

Total Amount : 111 gram

Completed : 11/27/22 Expires: 11/27/23

Sample Method : SOP Client Method

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	Microbial	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	
LISTERIA MONOCYTOGENES			Not Present	PASS	
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000

Analyzed by: 3390, 3621, 585, 1440 Weight: 0.9825g Extraction date: 11/23/22 16:42:16 Extracted by: 3390

Analysis Method : SOP.T.40.056B, SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL
Analytical Batch : DA052807MIC Reviewed On : 11/25/22 22:48:07
Instrument Used : PathogenDx Scanner DA-111 Batch Date : 11/23/22 15:28:04
Running on : 11/23/22 17:51:58

Dilution : N/A
Reagent : 110822.R31; 091422.13; 052422.04
Consumables : N/A
Pipette : N/A

Analyzed by: 3336, 585, 1440 Weight: 0.9825g Extraction date: 11/23/22 16:42:16 Extracted by: 3390,3336

Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL
Analytical Batch : DA052833TYM Reviewed On : 11/26/22 14:36:10
Instrument Used : Incubator (25-27C) DA-097 Batch Date : 11/23/22 20:13:43
Running on : 11/23/22 20:17:28

Dilution : N/A
Reagent : 091422.13; 052422.04
Consumables : N/A
Pipette : N/A

Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
OCHRATOXIN A	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02

Analyzed by: 585, 53, 1440 Weight: 0.9384g Extraction date: N/A Extracted by: 3379,585

Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville),
SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)
Analytical Batch : DA052791MYC Reviewed On : 11/27/22 08:04:02
Instrument Used : DA-LCMS-004 (MYC) Batch Date : 11/23/22 12:53:49
Running on : 11/23/22 20:35:20

Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



Heavy Metals

PASSED

Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.11	ppm	ND	PASS	5
ARSENIC	0.02	ppm	ND	PASS	1.5
CADMIUM	0.02	ppm	ND	PASS	0.5
LEAD	0.05	ppm	ND	PASS	0.5
MERCURY	0.02	ppm	ND	PASS	3

Analyzed by: 1022, 53, 1440 Weight: 0.4754g Extraction date: 11/23/22 17:26:15 Extracted by: 1022

Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL
Analytical Batch : DA052812HEA Reviewed On : 11/27/22 08:33:35
Instrument Used : DA-ICPMS-003 Batch Date : 11/23/22 15:38:54
Running on : 11/23/22 20:15:08

Dilution : 50
Reagent : 112222.R82; 080222.R36; 111822.R22; 111122.R30; 111822.R20; 111822.R21;
112122.R11; 111522.R25; 100622.35
Consumables : 179436; 210508058; 210803-059
Pipette : DA-061; DA-106; DA-216

Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



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DEERFIELD BEACH, FL, 33441, US
Telephone: (844) 747-3367
Email: LAURA@GREENROADSWORLD.COM

Sample : DA21123015-005
Harvest/Lot ID: KN116099
Batch# : KN116099
Sampled : 11/23/22
Ordered : 11/23/22

Sample Size Received : 111 gram
Total Amount : 111 gram
Completed : 11/27/22 **Expires:** 11/27/23
Sample Method : SOP Client Method

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	Filth/Foreign Material	PASSED
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Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.5	%	ND	PASS	1

Analyzed by:	Weight:	Extraction date:	Extracted by:
1879, 1440	NA	N/A	N/A

Analysis Method : SOP.T.40.090
Analytical Batch : DA052828FIL
Instrument Used : Filth/Foreign Material Microscope
Running on : 11/23/22 20:26:41

Reviewed On : 11/24/22 22:17:56
Batch Date : 11/23/22 20:08:36

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

Filth and foreign material inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with F.S. Rule 64ER20-39.