





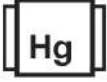








Certificate of Analysis

Sample: KN20606001-001
Harvest/Lot ID: E25Y01
Batch#: BMR0116/GRW0102
Seed to Sale# N/A
Batch Date: 05/25/22
Sample Size Received: 104.4 gram
Total Batch Size: N/A
Retail Product Size: 2.32 gram
Ordered : 06/02/22
Sampled : 06/02/22
Completed: 06/15/22
Sampling Method: N/A

Jun 15, 2022 | Green Roads
5150 SW 48TH WAY
Davie, FL, 33314, US



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



	TOTAL CAN NABINOIDS	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	1.0402	<0.01	<0.01	ND	ND	0.9415	ND	0.0987	ND	ND	ND	ND	ND	<0.01	ND	ND	ND
mg/g	10.402	<0.1	<0.1	ND	ND	9.415	ND	0.987	ND	ND	ND	ND	ND	<0.1	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 12
Weight: 0.2003g
Extraction date: 06/07/22 13:40:00
Extracted by: 12

Analysis Method : Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCa: 9.5%, TOTAL THC 11.1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.
Analytical Batch : KN002499POT
Instrument Used : HPLC E-SHI-008
Running on :
Dilution : 40
Reagent : 121621.02; 050222.R31; 060322.R01
Consumables : 294108110; n/a; 947.109, B9291.271; 12123-046CC-046
Pipette :

Reviewed On : 06/07/22 10:58:53
Batch Date : 06/06/22 09:24:38

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). (Method: SOP.T.30.031.TN for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis). *Based on FL action limits.



Certificate of Analysis

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Green Roads

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

Sample : KN20606001-001
Harvest/Lot ID: E25Y01

Batch# : BMR0116/GRW0102
Sampled : 06/02/22
Ordered : 06/02/22

Sample Size Received : 104.4 gram
Total Batch Size : N/A
Completed : 06/15/22 Expires: 06/15/23
Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TRANS-CARYOPHYLLENE	0.007	ND	ND		HEXAHYDROTHYMOL	0.007	ND	ND	
GUAIAOL	0.007	ND	ND		EUCALYPTOL	0.007	ND	ND	
LIMONENE	0.007	ND	ND		ISOBORNEOL	0.007	ND	ND	
LINALOOL	0.007	ND	ND		FARNESENE	0.007	ND	ND	
NEROL	0.007	ND	ND		FENCHONE	0.007	ND	ND	
OCIMENE	0.007	ND	ND		GAMMA-TERPINENE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		GERANIOL	0.007	ND	ND	
PULEGONE	0.007	ND	ND						
SABINENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
TERPINEOL	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
TRANS-NEROLIDOL	0.007	ND	ND						
VALENCENE	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
ALPHA-HUMULENE	0.007	ND	ND						
ALPHA-PINENE	0.007	ND	ND						
ALPHA-TERPINENE	0.007	ND	ND						
BETA-MYRCENE	0.007	ND	ND						
BETA-PINENE	0.007	ND	ND						
BORNEOL	0.013	ND	ND						
CAMPHENE	0.007	ND	ND						
CAMPHOR	0.013	ND	ND						
CARYOPHYLLENE OXIDE	0.007	ND	ND						
CEDROL	0.007	ND	ND						
ALPHA-BISABOLOL	0.007	ND	ND						
ALPHA-CEDRENE	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
3-CARENE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	ND	ND						
Total (%)				0					

Analyzed by: 138, 12 Weight: 1.0265g Extraction date: 06/07/22 19:24:51 Extracted by: 138

Analysis Method : SOP.T.40.090
Analytical Batch : KN002506TER Reviewed On : 06/11/22 15:23:48
Instrument Used : E-SHI-109 Terpenes Batch Date : 06/07/22 09:54:24
Running on :

Dilution : 10
Reagent : 092221.02
Consumables : 294108110; n/a; 210419634; 947B9291.271
Pipette :

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.090 Terpenoid Analysis Via GC-MS. Analytes ISO Pending



Certificate of Analysis

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Green Roads

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

Sample : KN20606001-001
Harvest/Lot ID: E25Y01

Batch# : BMR0116/GRW0102
Sample Size Received : 104.4 gram
Total Batch Size : N/A
Sampled : 06/02/22
Completed : 06/15/22 Expires: 06/15/23
Ordered : 06/02/22
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
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	PROPICONAZOLE	0.01	ppm	1	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	PYRETHRINS	0.01	ppm	1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	SPINETORAM	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND						
CYPERMETHRIN	0.01	ppm	1	PASS	ND						
DAMINOZIDE	0.01	ppm	0.1	PASS	ND						
DIAZANON	0.01	ppm	0.2	PASS	ND						
DICHLORVOS	0.01	ppm	0.1	PASS	ND						
DIMETHOATE	0.01	ppm	0.1	PASS	ND						
DIMETHOMORPH	0.01	ppm	3	PASS	ND						
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND						
ETOFENPROX	0.01	ppm	0.1	PASS	ND						
ETOXAZOLE	0.01	ppm	1.5	PASS	ND						
FENHEXAMID	0.01	ppm	3	PASS	ND						
FENOXYCARB	0.01	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.01	ppm	2	PASS	ND						
FIPRONIL	0.01	ppm	0.1	PASS	ND						
FLONICAMID	0.01	ppm	2	PASS	ND						
FLUDIOXONIL	0.01	ppm	3	PASS	ND						
HEXYTHIAZOX	0.01	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.01	ppm	3	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.01	ppm	2	PASS	ND						
METALAXYL	0.01	ppm	3	PASS	ND						
METHIOCARB	0.01	ppm	0.1	PASS	ND						
METHOMYL	0.01	ppm	0.1	PASS	ND						
MEVINPHOS	0.01	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.01	ppm	3	PASS	ND						
NALED	0.01	ppm	0.5	PASS	ND						
OXAMYL	0.01	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND						
PERMETHRINS	0.01	ppm	1	PASS	ND						
PHOSMET	0.01	ppm	0.2	PASS	ND						

Analyzed by: 12 Weight: 99g Extraction date: NA Extracted by: NA
 Analysis Method : SOP.T.30.060, SOP.T.40.060
 Analytical Batch : KN002530PES Reviewed On : 06/15/22 21:15:32
 Instrument Used : E-SHI-125 Pesticides Batch Date : 06/13/22 16:08:27
 Running on :
 Dilution : 1
 Reagent :
 Consumables :
 Pipette :

Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T.40.065 Procedure for Pesticide Quantification Using LCMSMS). *Based on FL action limits.



Certificate of Analysis

PASSED
Green Roads

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

Sample : KN20606001-001
Harvest/Lot ID: E25Y01
Batch# : BMR0116/GRW0102
Sampled : 06/02/22
Ordered : 06/02/22
Sample Size Received : 104.4 gram
Total Batch Size : N/A
Completed : 06/15/22 Expires: 06/15/23
Sample Method : SOP Client Method

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Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	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
CHLOROFORM	0.2	ppm	60	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	2170	PASS	ND

Analyzed by: NA	Weight: NA	Extraction date: NA	Extracted by: NA
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Analysis Method : SOP.T.40.032 Analytical Batch : KN002508SOL Instrument Used : E-SHI-106 Residual Solvents Running on :	Reviewed On : 06/11/22 15:22:43 Batch Date : 06/07/22 13:23:12
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Dilution : 1
Reagent :
Consumables :
Pipette :

Residual solvents analysis is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). *Based on FL action limits.

Sue Ferguson

Lab Director

 State License # n/a
 ISO Accreditation # 17025:2017

Signature

06/15/22

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 : KN20606001-001
Harvest/Lot ID: E25Y01

Batch# : BMR0116/GRW0102
Sampled : 06/02/22
Ordered : 06/02/22

Sample Size Received : 104.4 gram
Total Batch Size : N/A
Completed : 06/15/22 Expires: 06/15/23
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
LISTERIA MONOCYTOGENE	2000	RFU	ND	PASS	2000
ESCHERICHIA COLI SHIGELLA SPP	1726	RFU	ND	PASS	1726
SALMONELLA SPECIFIC GENE	10000	RFU	ND	PASS	10000
ASPERGILLUS FLAVUS	10000	RFU	ND	PASS	10000
ASPERGILLUS FUMIGATUS	10000	RFU	ND	PASS	10000
ASPERGILLUS NIGER	10000	RFU	ND	PASS	10000
ASPERGILLUS TERREUS	10000	RFU	ND	PASS	10000
TOTAL YEAST AND MOLD	10	CFU	<10	PASS	100000

Analyzed by: 1692, 12 Weight: 1.0095g Extraction date: 06/06/22 08:19:51 Extracted by: 1692

Analysis Method : SOP.T.40.043
Analytical Batch : KN002495MIC Reviewed On : 06/11/22 15:16:23
Instrument Used : Micro E-HEW-069 Batch Date : 06/03/22 09:23:06
Running on : 06/06/22 10:48:27

Dilution : 1
Reagent : 042222.02; 031022.02; 122021.03
Consumables : 210419634
Pipette :

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.

Analyzed by: NA Weight: NA Extraction date: NA Extracted by: NA

Analysis Method : SOP.T.40.043
Analytical Batch : KN002498TYM Reviewed On : 06/09/22 08:14:25
Instrument Used : E-HEW-069 Batch Date : 06/06/22 09:13:55
Running on :

Dilution : 1
Reagent :
Consumables :
Pipette :

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 G2	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
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
TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	0.02

Analyzed by: 12 Weight: 99g Extraction date: NA Extracted by: NA

Analysis Method : SOP.T.30.060, SOP.T.40.060
Analytical Batch : KN002528MYC Reviewed On : 06/13/22 20:08:04
Instrument Used : E-SHI-125 Mycotoxins Batch Date : 06/13/22 13:21:45
Running on :

Dilution :
Reagent : aflatoxin_g2; aflatoxin_g1; aflatoxin_b2; aflatoxin_b1; ochratoxin_a; total_mycotoxins
Consumables : 0.02; 0.02; 0.02; 0.02; 0.02; 0.02
Pipette :

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMSMS. LOQ 5.0 ppb).
*Based on FL action limits.

	Heavy Metals	PASSED
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Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	ND	PASS	1.5
CADMIUM-CD	0.02	ppm	ND	PASS	0.5
MERCURY-HG	0.02	ppm	ND	PASS	3
LEAD-PB	0.02	ppm	ND	PASS	0.5

Analyzed by: 138, 12 Weight: 99g Extraction date: NA Extracted by: NA

Analysis Method : SOP.T.40.050, SOP.T.30.052
Analytical Batch : KN002502HEA Reviewed On : 06/11/22 15:05:48
Instrument Used : Metals ICP/MS Batch Date : 06/06/22 11:52:58
Running on :

Dilution : 1
Reagent :
Consumables :
Pipette :

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.



Certificate of Analysis

PASSED

Green Roads

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

Sample : KN20606001-001
Harvest/Lot ID: E25Y01

Batch# : BMR0116/GRW0102
Sampled : 06/02/22
Ordered : 06/02/22

Sample Size Received : 104.4 gram
Total Batch Size : N/A
Completed : 06/15/22 Expires: 06/15/23
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	1	detect/g	ND	PASS	3

Analyzed by: 1692	Weight: 0.601g	Extraction date: 06/06/22 08:21:39	Extracted by: 1692
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Analysis Method : SOP.T.30.074, SOP.T.40.074
Analytical Batch : KN002496FIL
Instrument Used : E-AMS-138 Microscope
Running on :
Reviewed On : 06/06/22 08:58:58
Batch Date : 06/03/22 09:35:04

Dilution : 1
Reagent :
Consumables :
Pipette :

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is use for inspection.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Sue Ferguson

Lab Director

State License # n/a
ISO Accreditation # 17025:2017



Signature

06/15/22

Signed On