



Certificate of Analysis

Sample: DA10814011-001
Harvest/Lot ID: KN115670
Seed to Sale# n/a
Batch Date: 08/02/21
Batch#: 071021AF
Sample Size Received: 20 gram
Total Weight/Volume: 120 gram
Retail Product Size: 4.0737 gram
Ordered : 08/11/21
sampled : 08/11/21
Completed: 08/19/21
Sampling Method: SOP Client Method

Aug 19, 2021 | Green Roads

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



PASSED

Page 1 of 4

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
0.071%
TOTAL THC/Gummy : 2.892 mg



Total D8-THC
0.787%
D8 THC/Gummy : 32.060 mg



Total Cannabinoids
0.858%
Total Cannabinoids/Gummy : 34.952 mg

| | CBDV | CBDA | CBGA | CBG | CBD | THCV | CBN | D9-THC | D8-THC | CBC | THCA |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| % | ND | 0.071 | 0.787 | ND | ND |
| mg/g | ND | 0.71 | 7.87 | ND | ND |
| LOD | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0001 | 0.0010 | 0.0010 | 0.0001 | 0.0010 | 0.0010 | 0.0010 |
| % | % | % | % | % | % | % | % | % | % | % | % |

Filtration PASSED

| Analyzed By | Weight | Extraction date | Extracted By |
|--|--------|---------------------------------|--------------|
| 457 | NA | 08/16/21 | 457 |
| Analyte | | | LOD |
| Filtration and Foreign Material | | | 0.1 |
| Analysis Method -SOP.T.40.013 | | Batch Date : 08/16/21 11:29:20 | Result |
| Analytical Batch -DA030000FIL | | Reviewed On - 08/16/21 13:34:48 | ND |
| 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 | 2.8879g | 08/16/21 12:08:36 | 2198 |
| Analysis Method -SOP.T.40.020, SOP.T.30.050 | | Reviewed On - 08/17/21 10:43:40 | Batch Date : 08/16/21 10:02:07 |
| Analytical Batch -DA029991POT | Instrument Used : DA-LC-003 | Running On : 08/16/21 17:44:05 | |

| Reagent | Dilution | Consums. ID |
|------------|----------|------------------|
| 110220.174 | 400 | CE0123 |
| 081121.R60 | | 287035261 |
| 081121.R59 | | 11945-019CD-019C |
| 073021.31 | | 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).

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is a 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.

Jorge Segredo
Lab Director

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



Signature

08/19/21

Signed On



Certificate of Analysis

PASSED

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

Sample : DA10814011-001
Harvest/LOT ID: KN115670

Batch# : 071021AF
Sampled : 08/11/21
Ordered : 08/11/21

Sample Size Received : 20 gram
Total Weight/Volume : 120 gram
Completed : 08/19/21 Expires: 08/19/22
Sample Method : SOP Client Method

Page 2 of 4



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 | | | | | |
| FENOXYCARB | 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

| Analized by | Weight | Extraction date | Extracted By |
|---|----------|--------------------------------|--------------------------------|
| 585 , 1665 | 1.0675g | 08/16/21 02:08:06 | 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 - DA029988PES , DA029886VOL | | Reviewed On- 08/16/21 13:34:48 | |
| Instrument Used : DA-LCMS-003 (PES) , DA-GCMS-006 | | | Batch Date : 08/16/21 09:57:39 |
| Running On : 08/16/21 16:49:30 , 08/13/21 17:34:38 | | | |
| Reagent | Dilution | Consums. ID | |
| 081321.R14 080521.R32 080521.R33 081321.R01 092820.S9 | 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.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. | | | |

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.

Jorge Segredo
Lab Director



Signature

08/19/21

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

Signed On



Certificate of Analysis

PASSED

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

Sample : DA10814011-001
Harvest/LOT ID: KN115670

Batch# : 071021AF
Sampled : 08/11/21
Ordered : 08/11/21

Sample Size Received : 20 gram
Total Weight/Volume : 120 gram
Completed : 08/19/21 **Expires:** 08/19/22
Sample Method : SOP Client Method

Page 3 of 4

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 | Weight | Extraction date | Extracted By |
|-------------|--------|-------------------|--------------|
| 850 | 0.026g | 08/16/21 12:08:03 | 850 |

Analysis Method -SOP.T.40.032
Analytical Batch -DA030003SOL **Reviewed On - 08/17/21 14:00:20**
Instrument Used : DA-GCMS-003
Running On : 08/16/21 12:41:51
Batch Date : 08/16/21 12:17:59

| 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).

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.

Jorge Segredo
 Lab Director



Signature

08/19/21

Signed On

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



Certificate of Analysis

PASSED

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

Sample : DA10814011-001
Harvest/LOT ID: KN115670

Batch# : 071021AF
Sampled : 08/11/21
Ordered : 08/11/21

Sample Size Received : 20 gram
Total Weight/Volume : 120 gram
Completed : 08/19/21 Expires: 08/19/22
Sample Method : SOP Client Method

Page 4 of 4



Microbials **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 -DA029976MIC Batch Date : 08/16/21
Instrument Used : PathogenDx Scanner DA-111
Running On : 08/17/21

| Analyzed by | Weight | Extraction date | Extracted By |
|-------------|---------|-----------------|--------------|
| 1829 | 1.0255g | 08/16/21 | 513 |

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.



Mycotoxins **PASSED**

| 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 -DA029989MYC | Reviewed On - 08/18/21 11:32:25
Instrument Used : DA-LCMS-003 (MYC)
Running On : 08/16/21 16:51:15
Batch Date : 08/16/21 09:58:31

| Analyzed by | Weight | Extraction date | Extracted By |
|-------------|--------|-------------------|--------------|
| 585 | g | 08/16/21 03:08:33 | 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 | 073021.R32 | 100 | 3146-870-008 |
| 072721.R46 | 081021.R58 | 030420.08 | | 11989-024CC-024 |
| 080421.R56 | 081621.R10 | | | |
| 080421.R57 | 081621.R11 | | | |
| 080421.R58 | 121020.12 | | | |
| 072721.R50 | 080321.R05 | | | |

| 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 | 0.2149g | 08/16/21 01:08:19 | 1022 |

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051
Analytical Batch -DA029981HEA | Reviewed On - 08/19/21 07:59:37
Instrument Used : DA-ICPMS-003
Running On : 08/16/21 17:12:43
Batch Date : 08/16/21 09:46:49

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.

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.

Jorge Segredo
Lab Director



08/19/21

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

Signature

Signed On