



Certificate of Analysis

Jan 14, 2022 | Green Roads

601 Fairway Dr
DEERFIELD BEACH, FL, 33441, US



Sample: DA20110003-001

Harvest/Lot ID: 2135001

Batch#: 2135001

Seed to Sale# N/A

Batch Date: 01/03/22

Sample Size Received: 75 gram

Total Weight/Volume: N/A

Retail Product Size: 99.9 gram

Ordered : 01/10/22

sampled : 01/10/22

Completed: 01/14/22

Sampling Method: SOP Client Method

PASSED

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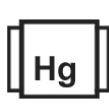
PRODUCT IMAGE



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

CANNABINOID RESULTS



Total THC
ND



Total CBD
0.283%



Total Cannabinoids
0.284%

| | CBDV | CBD | CBGA | CBG | CBD | THCV | CBN | D9-THC | D8-THC | CBC | THCA |
|------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|
| % | 0.001 | ND | ND | ND | 0.283 | ND | ND | ND | ND | ND | ND |
| mg/g | 0.01 | ND | ND | ND | 2.83 | ND | ND | ND | ND | 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 | 01/11/22 | 457 |
| Analyte | | LOD | Result |
| Filtration and Foreign Material | | 0.1 | 5 |
| Analysis Method -SOP.T.40.013 | | Batch Date : 01/11/22 11:46:58 | |
| Analytical Batch -DA036709FIL | | Reviewed On - 01/11/22 14:19:26 | |
| 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-2B/T Stereo Microscope is used for inspection.

Cannabinoid Profile Test

| Analyzed by | Weight | Extraction date : | Extracted By : |
|---|---------------------------------------|---------------------------------|--------------------------------|
| 450 | 3.2576g | 01/11/22 04:01:24 | 574 |
| Analysis Method -SOP.T.40.020, SOP.T.30.050 | | Reviewed On - 01/12/22 17:38:45 | Batch Date : 01/11/22 13:33:15 |
| Analytical Batch -DA036715POT | Instrument Used : DA-LC-003 (Edibles) | Running On : 01/12/22 01:09:47 | |

| Reagent | Dilution | Consums. ID |
|------------|----------|------------------|
| 010622.R32 | 40 | CE0123 |
| 121321.80 | | 239146 |
| 122121.09 | | 293017195 |
| 010622.R33 | | 61633-125C6-125E |
| 121321.13 | | 11945-019CD-019C |

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

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


Signature

01/14/22

Signed On



Certificate of Analysis

PASSED
Green Roads

 601 Fairway Dr
 DEERFIELD BEACH, FL, 33441, US

Telephone: (844) 747-3367

Email: LAURA@GREENROADSWORLD.COM

Sample : DA20110003-001

Harvest/Lot ID: 2135001

Batch# : 2135001

Sampled : 01/10/22

Ordered : 01/10/22

Sample Size Received : 75 gram

Total Weight/Volume : N/A

Completed : 01/14/22 **Expires:** 01/14/23

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 |
| ACEQUINOCL | 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) | 0.005 | PPM | | 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

| Analyzed by 585, 1665 | Weight 0.872g | Extraction date 01/11/22 01:01:48 | Extracted By 585, 585 |
|---|------------------|--------------------------------------|--------------------------|
| Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070, SOP.T.30.065, SOP.T.40.070 | | | |
| Analytical Batch - DA036687PES, DA036684VOL | | Reviewed On- 01/11/22 14:19:26 | |
| Instrument Used : DA-LCMS-003 (PES), DA-GCMS-001 | | Batch Date : 01/11/22 10:01:50 | |
| Running On : 01/11/22 15:36:40, 01/11/22 15:18:56 | | | |
| Reagent | Dilution | Consums. ID | |
| 01022.R56 122231.R44 122021.R34 010522.R01 092820.S9 | 250 | 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. | | | |

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Jorge Segredo
 Lab Director

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

Signature

01/14/22

Signed On



Certificate of Analysis

PASSED
Green Roads

 601 Fairway Dr
 DEERFIELD BEACH, FL, 33441, US

Telephone: (844) 747-3367

Email: LAURA@GREENROADSWORLD.COM

Sample : DA20110003-001

Harvest/Lot ID: 2135001

Batch# : 2135001

Sampled : 01/10/22

Ordered : 01/10/22

Sample Size Received : 75 gram

Total Weight/Volume : N/A

Completed : 01/14/22 **Expires:** 01/14/23

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 0.0271g
Extraction date NA
Extracted By NA
Analysis Method -SOP.T.40.032
Analytical Batch -DA036722SOL
Instrument Used : DA-GCMS-003
Running On : 01/13/22 15:58:46
Batch Date : 01/11/22 17:00:26
Reviewed On - 01/13/22 16:11:49

| Reagent | Dilution | Consums. ID |
|-----------|----------|----------------|
| 030420.09 | 1 | 27296 KE136 |

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).



Certificate of Analysis

PASSED
Green Roads

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 DEERFIELD BEACH, FL, 33441, US

Telephone: (844) 747-3367

Email: LAURA@GREENROADSWORLD.COM

Sample : DA20110003-001

Harvest/Lot ID: 2135001

Batch# : 2135001

Sampled : 01/10/22

Ordered : 01/10/22

Sample Size Received : 75 gram

Total Weight/Volume : N/A

Completed : 01/14/22 **Expires:** 01/14/23

Sample Method : SOP Client Method

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| | | |
|---|-------------------|---------------|
|  | 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 -DA036678MIC **Batch Date :** 01/11/22 08:56:44

Instrument Used : PathogenDx Scanner DA-111

Running On :

| Analyzed by | Weight | Extraction date | Extracted By |
|-------------|---------|-------------------|--------------|
| 2682 | 1.1413g | 01/11/22 11:01:49 | 2682 |

| Reagent | Dilution |
|------------|----------|
| 111521.12 | 10 |
| 120721.R42 | |
| 021121.10 | |

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-plate 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 -DA036688MYC | **Reviewed On -** 01/12/22 14:42:55

Instrument Used : DA-LCMS-003 (MYC)

Running On : 01/11/22 15:36:55

Batch Date : 01/11/22 10:02:59

| Analyzed by | Weight | Extraction date | Extracted By |
|-------------|--------|-------------------|--------------|
| 585 | g | 01/11/22 01:01:28 | 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 <20µg/Kg. Ochratoxins must be <20µg/Kg.

| | | |
|---|---------------------|---------------|
|  | Heavy Metals | PASSED |
|---|---------------------|---------------|

| Reagent | Reagent | Reagent | Dilution | Consums. ID |
|------------|------------|-----------|----------|--------------|
| 122221.R47 | 011022.R02 | 120121.08 | 100 | 179436 |
| 010422.R26 | 011022.R03 | | | 3146-870-008 |
| 122221.R49 | 010522.R40 | | | 12265-115CC |
| 010422.R24 | 122821.R12 | | | |
| 011022.R04 | 010522.R39 | | | |
| 010422.R25 | 021921.13 | | | |

| 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 | 0.2549g | 01/11/22 01:01:46 | 1879 |

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051

Analytical Batch -DA036683HEA | **Reviewed On -** 01/12/22 08:10:01

Instrument Used : DA-ICPMS-003

Running On : 01/11/22 15:14:33

Batch Date : 01/11/22 09:37:40

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.