

# CERTIFICATE OF ANALYSIS

## ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 63894  
Order Name: CBD Flower  
Batch#: 10102020  
Received: 10/16/2020  
Completed: 10/26/2020



New Era Farms  
4918 Highway 348  
Olathe CO, 81425  
(970) 424-1376  
newerafarmsco@gmail.com



### Sample



N/D  
D9-THC

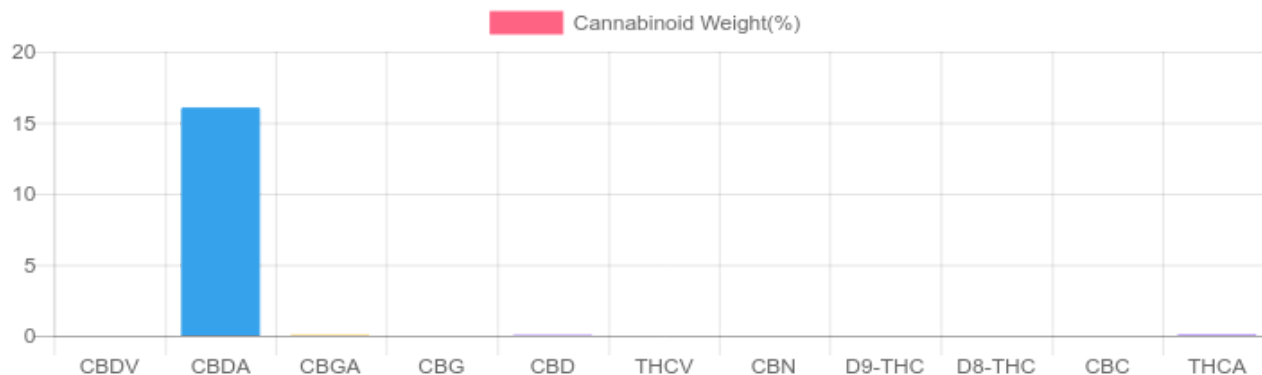
14.116%  
Total CBD

### Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA  
GSL SOP 400

UPLOADED: 10/19/2020 11:46:16

| Cannabinoids       | LOQ    | weight(%) | mg/g    |
|--------------------|--------|-----------|---------|
| D9-THC             | 10 PPM | N/D       | N/D     |
| THCA               | 10 PPM | 0.066%    | 0.660   |
| CBD                | 10 PPM | 0.033%    | 0.325   |
| CBDA               | 20 PPM | 16.058%   | 160.580 |
| CBDV               | 20 PPM | N/D       | N/D     |
| CBC                | 10 PPM | N/D       | N/D     |
| CBN                | 10 PPM | N/D       | N/D     |
| CBG                | 10 PPM | N/D       | N/D     |
| CBGA               | 20 PPM | 0.054%    | 0.543   |
| D8-THC             | 10 PPM | N/D       | N/D     |
| THCV               | 10 PPM | N/D       | N/D     |
| TOTAL D9-THC       |        | N/D       | N/D     |
| TOTAL CBD*         |        | 14.116%   | 141.154 |
| TOTAL CANNABINOIDS |        | 16.211%   | 162.108 |



Reporting Limit 10 ppm

\*Total CBD = CBD + CBDA x 0.877

N/D - Not Detected, B/LOQ - Below Limit of Quantification

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

Green Scientific Labs  
info@greenscientificlabs.com  
1-833 TEST CBD



Green Scientific Labs uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgment and levels listed are guidelines only and all data was reported based on standard laboratory procedures and deviations. However Green Scientific Labs makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of the data contained herein in any way. Further, Green Scientific Labs makes no claims regarding representations of the analyzed sample to the larger batch from which it was taken. Data and information in this report are intended solely for the individual(s) for whom samples were submitted and as part of our strict confidentiality policy, Green Scientific Labs can only discuss results with the original client of record.

# CERTIFICATE OF ANALYSIS

## ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 63894  
Order Name: CBD Flower  
Batch#: 10102020  
Received: 10/16/2020  
Completed: 10/26/2020



New Era Farms  
4918 Highway 348  
Olathe CO, 81425  
(970) 424-1376  
newerafarmsco@gmail.com



### PESTICIDE ANALYSIS:

GSL SOP 401

PREPARED: 10/16/2020 21:37:49

UPLOADED: 10/22/2020 16:26:34

LCMS-MS - Shimadzu LCMS-8060

| Pesticide           | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) | Pesticide                | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) |
|---------------------|--------------------|---------------|-----------|-----------|--------------------------|--------------------|---------------|-----------|-----------|
| ABAMECTIN B1A       | 0.100              | N/D           | 0.005     | 0.001     | IMIDACLOPRID             | 5.000              | N/D           | 0.005     | 0.001     |
| ACEPHATE            | 0.100              | N/D           | 0.001     | 0.001     | KRESOXIM-METHYL          | 0.100              | N/D           | 0.010     | 0.005     |
| ACEQUINOCYL         | 0.100              | N/D           | 0.001     | 0.001     | MALATHION                | 0.500              | N/D           | 0.005     | 0.001     |
| ACETAMIPRID         | 0.100              | N/D           | 0.005     | 0.001     | METALAXYL                | 2.000              | N/D           | 0.001     | 0.001     |
| ALDICARB            | 0.100              | N/D           | 0.005     | 0.001     | METHIOCARB               | 0.100              | N/D           | 0.005     | 0.001     |
| AZOXYSTROBIN        | 0.100              | N/D           | 0.001     | 0.001     | METHOMYL                 | 1.000              | 0.022         | 0.001     | 0.001     |
| BIFENAZATE          | 0.100              | N/D           | 0.005     | 0.001     | MEVINPHOS                | 0.100              | N/D           | 0.001     | 0.001     |
| BIFENTHRIN          | 3.000              | N/D           | 0.005     | 0.001     | MYCLOBUTANIL             | 0.100              | N/D           | 0.005     | 0.001     |
| BOSCALID            | 0.100              | N/D           | 0.005     | 0.001     | NALED                    | 0.100              | N/D           | 0.005     | 0.001     |
| CARBARYL            | 0.500              | N/D           | 0.003     | 0.001     | OXAMYL                   | 0.500              | N/D           | 0.001     | 0.001     |
| CARBOFURAN          | 0.100              | N/D           | 0.001     | 0.001     | PACLOBUTRAZOL            | 0.100              | N/D           | 0.005     | 0.001     |
| CHLORANTRANILIPROLE | 10.000             | 0.010         | 0.005     | 0.005     | PERMETHRINS              | 0.500              | N/D           | 0.005     | 0.001     |
| CHLORPYRIFOS        | 0.100              | N/D           | 0.001     | 0.001     | PHOSMET                  | 0.100              | N/D           | 0.005     | 0.001     |
| CLOFENTEZINE        | 0.100              | N/D           | 0.001     | 0.001     | PIPERONYL                | 3.000              | N/D           | 0.001     | 0.001     |
| DAMINOZIDE          | 0.100              | N/D           | 0.005     | 0.001     | BUTOXIDE                 | 0.100              | N/D           | 0.005     | 0.005     |
| DIAZINON            | 0.100              | N/D           | 0.001     | 0.001     | PRALLETHRIN              | 0.100              | N/D           | 0.010     | 0.005     |
| DICHLORVOS          | 0.100              | N/D           | 0.005     | 0.001     | PROPICONAZOLE            | 0.100              | N/D           | 0.001     | 0.001     |
| DIMETHOATE          | 0.100              | N/D           | 0.001     | 0.001     | PROPOXUR                 | 0.500              | N/D           | 0.005     | 0.005     |
| DIMETHOMORPH        | 2.000              | N/D           | 0.005     | 0.001     | PYRETHRINS (PYRETHRIN I) | 0.100              | N/D           | 0.001     | 0.001     |
| ETHOPROPHOS         | 0.100              | N/D           | 0.001     | 0.001     | PYRIDABEN                | 0.100              | N/D           | 0.001     | 0.001     |
| ETOFENPROX          | 0.100              | N/D           | 0.010     | 0.005     | SPINETORAM               | 0.100              | N/D           | 0.001     | 0.001     |
| ETOXAZOLE           | 0.100              | N/D           | 0.005     | 0.001     | SPINOSAD                 | 0.100              | N/D           | 0.005     | 0.001     |
| FENHEXAMID          | 0.100              | N/D           | 0.001     | 0.001     | SPIROMESIFEN             | 0.100              | N/D           | 0.001     | 0.001     |
| FENOXYCARB          | 0.100              | N/D           | 0.001     | 0.001     | SPIROTETRAMAT            | 0.100              | N/D           | 0.001     | 0.001     |
| FENPYROXIMATE       | 0.100              | N/D           | 0.003     | 0.001     | SPIROXAMINE              | 0.100              | N/D           | 0.005     | 0.001     |
| FIPRONIL            | 0.100              | N/D           | 0.025     | 0.010     | TEBUCONAZOLE             | 0.100              | N/D           | 0.001     | 0.001     |
| FLONICAMID          | 0.100              | N/D           | 0.003     | 0.001     | THIACLOPRID              | 5.000              | N/D           | 0.001     | 0.001     |
| FLUDIOXONIL         | 0.100              | N/D           | 0.005     | 0.001     | THIAMETHOXAM             | 0.100              | N/D           | 0.001     | 0.001     |
| HEXYTHIAZOX         | 0.100              | N/D           | 0.005     | 0.001     | TRIFLOXYSTROBIN          |                    |               |           |           |
| IMAZALIL            | 0.100              | N/D           | 0.005     | 0.001     |                          |                    |               |           |           |

N/D = Not Detected, A/LOQ = Above LOQ Level, B/LOQ = Below LOQ Level, B/LOD = Below LOD Level

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

**Green Scientific Labs**  
info@greenscientificlabs.com  
1-833 TEST CBD



Green Scientific Labs uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgment and levels listed are guidelines only and all data was reported based on standard laboratory procedures and deviations. However Green Scientific Labs makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of the data contained herein in any way. Further, Green Scientific Labs makes no claims regarding representations of the analyzed sample to the larger batch from which it was taken. Data and information in this report are intended solely for the individual(s) for whom samples were submitted and as part of our strict confidentiality policy, Green Scientific Labs can only discuss results with the original client of record.

# CERTIFICATE OF ANALYSIS

## ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 63894  
Order Name: CBD Flower  
Batch#: 10102020  
Received: 10/16/2020  
Completed: 10/26/2020



New Era Farms  
4918 Highway 348  
Olathe CO, 81425  
(970) 424-1376  
newerafarmsco@gmail.com



### Microbial Analysis:

PCR - Agilent AriaMX

Microbial Analysis GSL SOP 406

Uploaded: 10/19/2020 20:34:51

### MICROBIAL ANALYSIS:

PCR - Agilent AriaMX

| Test                     | SOP    | Test Method | Device Used | LOD       | Allowable Criteria  | Actual Result | Pass/Fail |
|--------------------------|--------|-------------|-------------|-----------|---------------------|---------------|-----------|
| ASPERGILLUS FUMIGATUS*** | 406.01 | USP 61/62†  | ARIAMX PCR  | 1 CFU/G** | DETECT/NOT DETECTED | NOT DETECTED  | PASS      |
| ASPERGILLUS TERREUS***   | 406.01 | USP 61/62†  | ARIAMX PCR  | 1 CFU/G** | DETECT/NOT DETECTED | NOT DETECTED  | PASS      |
| ASPERGILLUS FLAVUS***    | 406.01 | USP 61/62†  | ARIAMX PCR  | 1 CFU/G** | DETECT/NOT DETECTED | NOT DETECTED  | PASS      |
| ASPERGILLUS NIGER***     | 406.01 | USP 61/62†  | ARIAMX PCR  | 1 CFU/G** | DETECT/NOT DETECTED | NOT DETECTED  | PASS      |
| STEC E. COLI*            | 406.01 | USP 61/62†  | ARIAMX PCR  | 1 CFU/G** | DETECT/NOT DETECTED | NOT DETECTED  | PASS      |
| SALMONELLA*              | 406.01 | USP 61/62†  | ARIAMX PCR  | 1 CFU/G** | DETECT/NOT DETECTED | NOT DETECTED  | PASS      |

† USP 61 (enumeration of bacteria TAC, TYM, and ENT/Coliform), USP 62 (identifying specific species E.coli Aspergillus etc)

\* STEC and Salmonella run as Multiplex

\*\* CFU/g Calculation based on Flower matrix

\*\*\* Flavus = 2 Copies of DNA / Fumigatis = 2 Copies of DNA Niger = 20 Copies of DNA / Terrus = 10 copies of DNA

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

Green Scientific Labs  
info@greenscientificlabs.com  
1-833 TEST CBD



Green Scientific Labs uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgment and levels listed are guidelines only and all data was reported based on standard laboratory procedures and deviations. However Green Scientific Labs makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of the data contained herein in any way. Further, Green Scientific Labs makes no claims regarding representations of the analyzed sample to the larger batch from which it was taken. Data and information in this report are intended solely for the individual(s) for whom samples were submitted and as part of our strict confidentiality policy, Green Scientific Labs can only discuss results with the original client of record.

# CERTIFICATE OF ANALYSIS

## ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 63894  
Order Name: CBD Flower  
Batch#: 10102020  
Received: 10/16/2020  
Completed: 10/26/2020



New Era Farms  
4918 Highway 348  
Olathe CO, 81425  
(970) 424-1376  
newerafarmsco@gmail.com



### Heavy Metals Analysis:

ICP-MS - Shimadzu ICPMS-2030  
GSL SOP 403

Uploaded: 10/21/2020 16:29:02

| Metal        | Action Level (ppb) | Result (ppb) |
|--------------|--------------------|--------------|
| ARSENIC (AS) | 200                | 137          |
| CADMIUM (CD) | 200                | B/LOQ        |
| MERCURY (HG) | 100                | B/LOQ        |
| LEAD (PB)    | 500                | 319          |

Lower Limit of Quantitation (LOQ) is 75 ppb

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

Green Scientific Labs  
info@greenscientificlabs.com  
1-833 TEST CBD



Green Scientific Labs uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgment and levels listed are guidelines only and all data was reported based on standard laboratory procedures and deviations. However Green Scientific Labs makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of the data contained herein in any way. Further, Green Scientific Labs makes no claims regarding representations of the analyzed sample to the larger batch from which it was taken. Data and information in this report are intended solely for the individual(s) for whom samples were submitted and as part of our strict confidentiality policy, Green Scientific Labs can only discuss results with the original client of record.