

# CERTIFICATE OF ANALYSIS

\* FOR QUALITY ASSURANCE PURPOSES. NOT A CALIFORNIA COMPLIANCE CERTIFICATE.

PRODUCED: AUG 18, 2023

SAMPLE: RS11 (FLOWER) // CLIENT: GREEN CHIEF FARMS // BATCH: PASS



MATRIX: FLOWER  
 CATEGORY: INHALABLE  
 SAMPLE ID: 2RL-230718-060  
 COLLECTED ON: JUL 18, 2023  
 RECEIVED ON: JUL 18, 2023  
 SAMPLE SIZE: 14 G  
 RECEIVED BY: ALFRED VAN MYERS

## CANNABINOID OVERVIEW

|                      |          |
|----------------------|----------|
| TOTAL THC:           | 19.5 %   |
| TOTAL CBD:           | < LOQ %  |
| TOTAL CANNABINOIDS:  | 20.5 %   |
| SUM OF CANNABINOIDS: | 23.217 % |

BATCH RESULT: PASS

| POTENCY   | TESTED | MOISTURE   | TESTED |
|-----------|--------|------------|--------|
| FOREIGN   | PASS   | MYCOTOXINS | PASS   |
| METALS    | PASS   | PESTICIDES | PASS   |
| MICROBIAL | PASS   | WATER      | PASS   |

## M-024: POTENCY BY HPLC // JUL 19, 2023

| ANALYTE | LIMIT | AMT      | AMT       | LOD/LOQ (mg/g) | PASS/FAIL | ANALYTE             | LIMIT | AMT      | AMT       | LOD/LOQ (mg/g) | PASS/FAIL |
|---------|-------|----------|-----------|----------------|-----------|---------------------|-------|----------|-----------|----------------|-----------|
| CBC     |       | ND       | ND        | 0.166/0.467    | N/A       | CBN                 |       | ND       | ND        | 0.0554/0.467   | N/A       |
| CBCA    |       | 0.361 %  | 3.61 mg/g | 0.218/0.467    | N/A       | Δ <sup>8</sup> -THC |       | ND       | ND        | 0.247/0.467    | N/A       |
| CBD     |       | ND       | ND        | 0.189/0.467    | N/A       | Δ <sup>9</sup> -THC |       | 0.670 %  | 6.70 mg/g | 0.157/0.467    | N/A       |
| CBDA    |       | < 1 mg/g | < 1 mg/g  | 0.0899/0.467   | N/A       | THCA                |       | 21.5 %   | 215 mg/g  | 0.195/0.467    | N/A       |
| CBDV    |       | ND       | ND        | 0.107/0.467    | N/A       | THCV                |       | ND       | ND        | 0.159/0.467    | N/A       |
| CBDVA   |       | ND       | ND        | 0.101/0.467    | N/A       | THCVA               |       | 0.122 %  | 1.22 mg/g | 0.161/0.467    | N/A       |
| CBG     |       | 0.109 %  | 1.09 mg/g | 0.199/0.467    | N/A       | TOTAL THC**         |       | 19.5 %   | 195 mg/g  |                | N/A       |
| CBGA    |       | 0.455 %  | 4.55 mg/g | 0.172/0.467    | N/A       | TOTAL CBD**         |       | < 1 mg/g | < 1 mg/g  |                | N/A       |

\*\* TOTAL THC = DELTA-8-THC + (DELTA-8-THCA X 0.877) + DELTA-9-THC + (THCA X 0.877)

\*\* TOTAL CBD = CBD + (CBDA X 0.877)

DRY-WEIGHT AMOUNTS SHOWN



M-026A: PESTICIDES BY LC-MS/MS // JUL 19, 2023

| ANALYTE              | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL | ANALYTE                  | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|----------------------|----------|------------|----------------|-----------|--------------------------|----------|------------|----------------|-----------|
| ABAMECTIN            | 0.1 µg/g | ND         | 0.0100/0.0400  | PASS      | FLUDIOXONIL              | 0.1 µg/g | ND         | 0.00400/0.0100 | PASS      |
| ACEPHATE             | 0.1 µg/g | ND         | 0.0100/0.0200  | PASS      | HEXYTHIAZOX              | 0.1 µg/g | ND         | 0.0100/0.0300  | PASS      |
| ACEQUINOCYL          | 0.1 µg/g | ND         | 0.0100/0.0200  | PASS      | IMAZALIL                 | Any amt  | ND         | 0.0100/0.0200  | PASS      |
| ACETAMIPRID          | 0.1 µg/g | ND         | 0.0100/0.0300  | PASS      | IMIDACLOPRID             | 5 µg/g   | ND         | 0.0100/0.0200  | PASS      |
| ALDICARB             | Any amt  | ND         | 0.0100/0.0400  | PASS      | KRESOXIM-METHYL          | 0.1 µg/g | ND         | 0.0100/0.0200  | PASS      |
| AZOXYSTROBIN         | 0.1 µg/g | ND         | 0.0100/0.0300  | PASS      | MALATHION                | 0.5 µg/g | ND         | 0.0100/0.0400  | PASS      |
| BIFENAZATE           | 0.1 µg/g | ND         | 0.0100/0.0300  | PASS      | METALAXYL                | 2 µg/g   | ND         | 0.0100/0.0400  | PASS      |
| BIFENTHRIN           | 3 µg/g   | ND         | 0.0100/0.0200  | PASS      | METHIOCARB               | Any amt  | ND         | 0.0100/0.0300  | PASS      |
| BOSCALID             | 0.1 µg/g | ND         | 0.0100/0.0300  | PASS      | METHOMYL                 | 1 µg/g   | ND         | 0.00500/0.0200 | PASS      |
| CAPTAN               | 0.7 µg/g | ND         | 0.700/0.230    | PASS      | METHYL PARATHION         | Any amt  | ND         | 0.0100/0.0400  | PASS      |
| CARBARYL             | 0.5 µg/g | ND         | 0.0100/0.0300  | PASS      | MEVINPHOS                | Any amt  | ND         | 0.0100/0.0300  | PASS      |
| CARBOFURAN           | Any amt  | ND         | 0.0100/0.0200  | PASS      | MYCLOBUTANIL             | 0.1 µg/g | ND         | 0.0100/0.0200  | PASS      |
| CHLORANTRANIL-IPROLE | 10 µg/g  | ND         | 0.0100/0.0400  | PASS      | NALED                    | 0.1 µg/g | ND         | 0.0100/0.0300  | PASS      |
| CHLORDANE            | Any amt  | ND         | 0.0100/0.0400  | PASS      | OXAMYL                   | 0.5 µg/g | ND         | 0.00400/0.0100 | PASS      |
| CHLORFENAPYR         | Any amt  | ND         | 0.0200/0.0500  | PASS      | PACLOBUTRAZOL            | Any amt  | ND         | 0.0100/0.0300  | PASS      |
| CHLORPYRIFOS         | Any amt  | ND         | 0.0100/0.0300  | PASS      | PENTACHLORONI-TROBENZENE | 0.1 µg/g | ND         | 0.0100/0.0300  | PASS      |
| CLOFENTEZINE         | 0.1 µg/g | ND         | 0.0100/0.0300  | PASS      | PERMETHRIN               | 0.5 µg/g | ND         | 0.0100/0.0200  | PASS      |
| COUMAPHOS            | Any amt  | ND         | 0.0100/0.0200  | PASS      | PHOSMET                  | 0.1 µg/g | ND         | 0.0100/0.0400  | PASS      |
| CYFLUTHRIN           | 2 µg/g   | ND         | 0.0100/0.100   | PASS      | PIPERONYLBUTO-XIDE       | 3 µg/g   | ND         | 0.0100/0.0200  | PASS      |
| CYPERMETHRIN         | 1 µg/g   | ND         | 0.0100/0.0500  | PASS      | PRALLETHRIN              | 0.1 µg/g | ND         | 0.0100/0.0300  | PASS      |
| DAMINOZIDE           | Any amt  | ND         | 0.00300/0.0100 | PASS      | PROPICONAZOLE            | 0.1 µg/g | ND         | 0.0100/0.0200  | PASS      |
| DIAZINON             | 0.1 µg/g | ND         | 0.00500/0.0200 | PASS      | PROPOXUR                 | Any amt  | ND         | 0.0100/0.0200  | PASS      |
| DICHLORVOS           | Any amt  | ND         | 0.0100/0.0200  | PASS      | PYRETHRINS               | 0.5 µg/g | ND         | 0.0100/0.0300  | PASS      |
| DIMETHOATE           | Any amt  | ND         | 0.0100/0.0300  | PASS      | PYRIDABEN                | 0.1 µg/g | ND         | 0.0100/0.0300  | PASS      |
| DIMETHOMORPH         | 2 µg/g   | ND         | 0.0100/0.0300  | PASS      | SPINETORAM               | 0.1 µg/g | ND         | 0.0200/0.0700  | PASS      |
| ETHOPROPHOS          | Any amt  | ND         | 0.00400/0.0100 | PASS      | SPINOSAD                 | 0.1 µg/g | ND         | 0.0100/0.0400  | PASS      |
| ETOFENPROX           | Any amt  | ND         | 0.0100/0.0200  | PASS      | SPIROMESIFEN             | 0.1 µg/g | ND         | 0.0100/0.0200  | PASS      |
| ETOXAZOLE            | 0.1 µg/g | ND         | 0.0100/0.0200  | PASS      | SPIROTETRAMAT            | 0.1 µg/g | ND         | 0.0100/0.0200  | PASS      |
| FENHEXAMID           | 0.1 µg/g | ND         | 0.0100/0.0200  | PASS      | SPIROXAMINE              | Any amt  | ND         | 0.0100/0.0400  | PASS      |
| FENOXYCARB           | Any amt  | ND         | 0.00400/0.0100 | PASS      | TEBUCONAZOLE             | 0.1 µg/g | ND         | 0.0100/0.0200  | PASS      |
| FENPYROXIMATE        | 0.1 µg/g | ND         | 0.0100/0.0300  | PASS      | THIACLOPRID              | Any amt  | ND         | 0.00400/0.0100 | PASS      |
| FIPRONIL             | Any amt  | ND         | 0.0100/0.0200  | PASS      | THIAMETHOXAM             | 5 µg/g   | ND         | 0.00400/0.0100 | PASS      |
| FLONICAMID           | 0.1 µg/g | ND         | 0.00500/0.0100 | PASS      | TRIFLOXYSTROB-IN         | 0.1 µg/g | ND         | 0.0100/0.0400  | PASS      |

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**M-018: MOISTURE ANALYSIS // JUL 19, 2023**

| ANALYTE  | LIMIT | AMT (%) | PASS/FAIL |
|----------|-------|---------|-----------|
| MOISTURE |       | 10.5    | N/A       |

**M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR // JUL 19, 2023**

| ANALYTE               | LIMIT             | AMT (CFU) | PASS/FAIL | ANALYTE                       | LIMIT             | AMT (CFU) | PASS/FAIL |
|-----------------------|-------------------|-----------|-----------|-------------------------------|-------------------|-----------|-----------|
| ASPERGILLUS FLAVUS    | Any amt in 1 gram | ND        | PASS      | ASPERGILLUS TERREUS           | Any amt in 1 gram | ND        | PASS      |
| ASPERGILLUS FUMIGATUS | Any amt in 1 gram | ND        | PASS      | SALMONELLA SPP.               | Any amt in 1 gram | ND        | PASS      |
| ASPERGILLUS NIGER     | Any amt in 1 gram | ND        | PASS      | SHIGA TOXIN-PRODUCING E. COLI | Any amt in 1 gram | ND        | PASS      |

**M-026B: MYCOTOXINS BY LC-MS/MS // JUL 19, 2023**

| ANALYTE      | LIMIT | AMT (µg/kg) | LOD/LOQ (µg/kg) | PASS/FAIL | ANALYTE      | LIMIT    | AMT (µg/kg) | LOD/LOQ (µg/kg) | PASS/FAIL |
|--------------|-------|-------------|-----------------|-----------|--------------|----------|-------------|-----------------|-----------|
| AFLATOXIN B1 |       | ND          | 2.00/10.0       | N/A       | AFLATOXIN G2 |          | ND          | 3.00/10.0       | N/A       |
| AFLATOXIN B2 |       | ND          | 4.00/10.0       | N/A       | AFLATOXINS   | 20 µg/kg | ND          |                 | PASS      |
| AFLATOXIN G1 |       | ND          | 5.00/10.0       | N/A       | OCHRATOXIN A | 20 µg/kg | ND          | 5.00/20.0       | PASS      |

**M-053: HEAVY METALS BY ICP-MS // JUL 19, 2023**

| ANALYTE | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL | ANALYTE | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|---------|----------|------------|----------------|-----------|---------|----------|------------|----------------|-----------|
| ARSENIC | 0.2 µg/g | < LOQ      | 0.0300/0.0900  | PASS      | LEAD    | 0.5 µg/g | < LOQ      | 0.0200/0.0700  | PASS      |
| CADMIUM | 0.2 µg/g | < LOQ      | 0.0300/0.0900  | PASS      | MERCURY | 0.1 µg/g | ND         | 0.0300/0.0900  | PASS      |

**M-066: WATER ACTIVITY BY AQUALAB 3 // JUL 20, 2023**

| ANALYTE        | LIMIT   | AMT (Aw) | PASS/FAIL |
|----------------|---------|----------|-----------|
| WATER ACTIVITY | 0.65 Aw | 0.448    | PASS      |

**M-032: FOREIGN MATERIAL (VISUAL INSPECTION) // JUL 18, 2023**

| ANALYTE                                  | LIMIT  | AMT (%) | PASS/FAIL | ANALYTE                   | LIMIT | AMT (%) | PASS/FAIL |
|--|--------|---------|-----------|---------------------------|-------|---------|-----------|
| IMBEDDED FOREIGN MATERIAL                | 25 %   | ND      | PASS      | MOLD                      | 25 %  | ND      | PASS      |
| INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT | 1 Unit | ND      | PASS      | SAND, SOIL, CINDERS, DIRT | 25 %  | ND      | PASS      |



RESULTS CERTIFIED BY: LAB DIRECTOR  
AARON STANCIK, TWO RIVER LABS, INC  
AUG 18, 2023

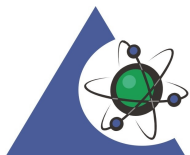
*Aaron Stanik*

THE RESULTS PROVIDED IN THIS REPORT ARE ONLY REPRESENTATIVE OF THE SAMPLE TESTED. ALL LQC SAMPLES REQUIRED BY SECTION 15730 OF CALIFORNIA CODE OF REGULATIONS TITLE 4 DIVISION 19 DEPARTMENT OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA. MEASUREMENT UNCERTAINTY IS NOT APPLIED TO ANALYTICAL RESULTS OR USED WHEN EVALUATING STATE ACTION LEVELS. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF 2 RIVER LABS

**ACCREDITATIONS**



ISO/IEC 17025:2017



PJLA Testing  
Accreditation #105176

**ILAC ACCREDITED, PJLA ACCREDITED**

**M-026A: PESTICIDES BY LC-MS/MS**  
ABAMECTIN, ACEPHATE, ACEQUINOCYL, ACETAMIPRID, ALDICARB, AZOXYSTROBIN, BIFENAZATE, BIFENTHRIN, BOSCALID, CAPTAN, CARBARYL, CARBOFURAN, CHLORANTRANILIPROLE, CHLORDANE, CHLORFENAPYR, CHLORPYRIFOS, CLOFENTEZINE, COUMAPHOS, CYFLUTHRIN, CYPERMETHRIN, DAMINOZIDE, DIAZINON, DICHLORVOS, DIMETHOATE, DIMETHOMORPH, ETHOPROPHOS, ETOFENPROX, ETOXAZOLE, FENHEXAMID, FENOXYCARB, FENPYROXIMATE, FIPRONIL, FLONICAMID, FLUDIOXONIL, HEXYTHIAZOX, IMAZALIL, IMIDACLOPRID, KRESOXIM-METHYL, MALATHION, METALAXYL, METHIOCARB, METHOMYL, METHYL PARATHION, MEVINPHOS, MYCLOBUTANIL, NALED, OXAMYL, PACLOBUTRAZOL, PENTACHLORONITROBENZENE, PERMETHRIN, PHOSMET, PIPERONYLBUTOXIDE, PRALLETHRIN, PROPICONAZOLE, PROPOXUR, PYRETHRINS, PYRETHRINS PYRETHRIN I, PYRETHRINS PYRETHRIN II, PYRIDABEN, SPINETORAM, SPINETORAM J, SPINETORAM L, SPINOSAD, SPINOSAD A, SPINOSAD D, SPIROMESIFEN, SPIROTETRAMAT, SPIROXAMINE, TEBUCONAZOLE, THIAACLOPRID, THIAMETHOXAM, TRIFLOXYSTROBIN

**M-032: FOREIGN MATERIAL (VISUAL INSPECTION)**  
CINDERS, DIRT, IMBEDDED FOREIGN MATERIAL, INSECT FRAGMENTS, INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT, MAMMAL EXCREMENT, MOLD, RODENT HAIR, SAND, SAND, SOIL, CINDERS, DIRT, SOIL

**M-024: POTENCY BY HPLC**  
CBDVA, CBDV, CBDA, CBGA, CBG, CBD, THCV, THCVA, CBN, CBNA, DELTA-9-THC, DELTA-8-THC, CBL, CBC, THCA, CBCA, CBLA, TOTAL THC, TOTAL CBD, THC: CBD RATIO

**M-026B: MYCOTOXINS BY LC-MS/MS**  
AFLATOXINS, AFLATOXIN B1, AFLATOXIN B2, AFLATOXIN G1, AFLATOXIN G2, OCHRATOXIN A

**M-053: HEAVY METALS BY ICP-MS**  
CADMIUM, LEAD, ARSENIC, MERCURY

**M-066: WATER ACTIVITY BY AQUALAB 3**  
WATER ACTIVITY

**M-018: MOISTURE ANALYSIS**  
MOISTURE



